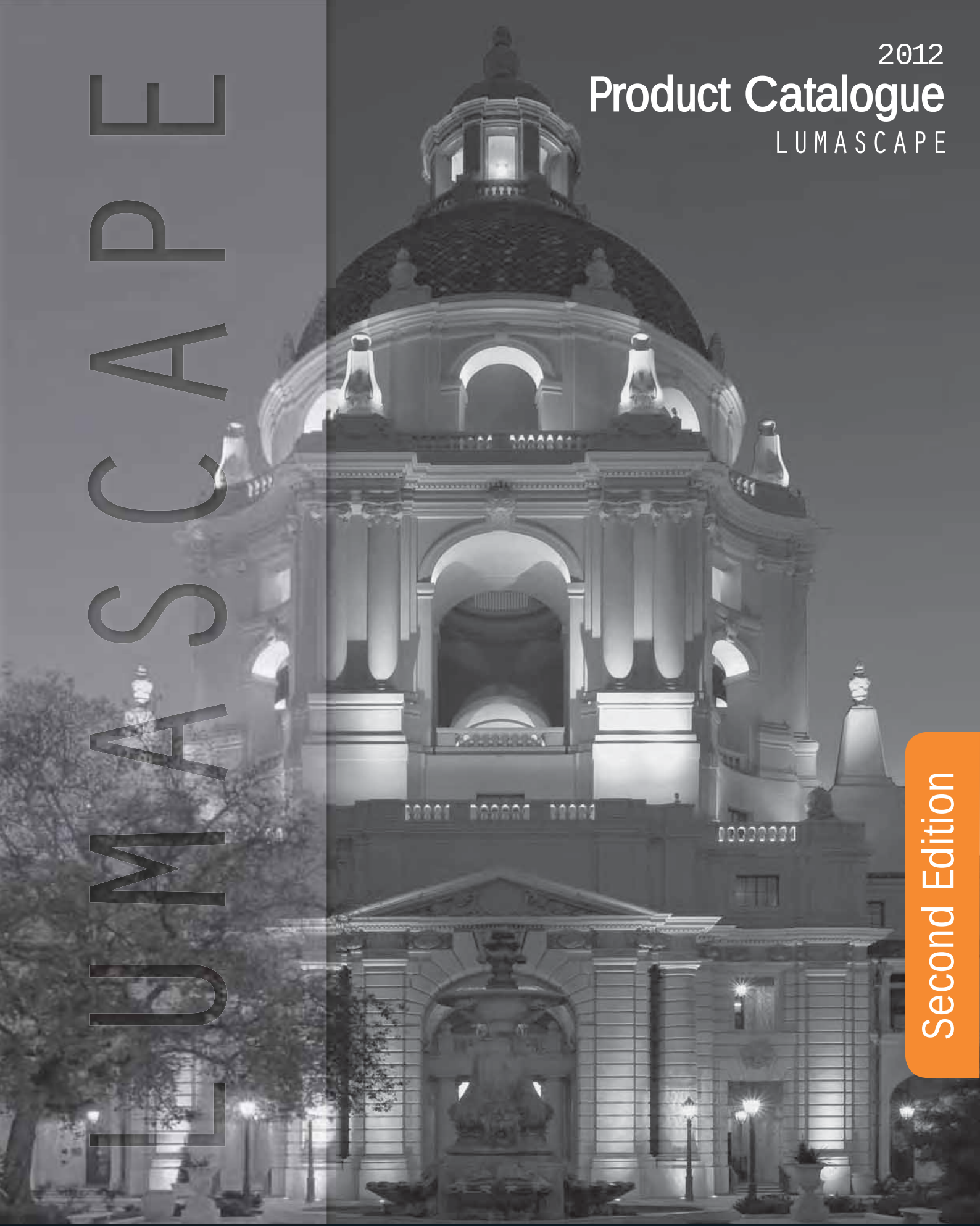
LUMASCAPE

2012

Product Catalogue

LUMASCAPE



Second Edition

Now featuring a *NEW* range of *Ultra Efficient* LED interior Downlight options.

Now featuring a *NEW* range of *Ultra Effiecient* LED interior Downlight options.

NEW to this catalogue!

LED Source interior lighting

Recessed Downlight

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Configure with Confidence!

VISIT LUMASCAPE'S INDUSTRY LEADING WEBSITE

Featuring the easy to use and powerful configurator tool.

Go to **www.lumascape.com.au** to configure and specify Lumascape products online, create custom data sheets and send product requests directly to Lumascape's sales team.

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Inground

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LS353LED Shallow Inground

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NEW!

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Any lighting products suggested by Lumascape for installation are recommendations only - regardless of the circumstances of the recommendation. The responsibility for any compliance to required lighting levels or energy standards and codes rests solely with a certified lighting engineer or lighting practitioner appointed by others.

All Lumascape luminaires are intended for use as architectural accent lighting and their use as part of public or workplace lighting designs requires certification and design by others to ensure compliance to the relevant lighting standards. Under no circumstances does Lumascape accept responsibility for such certification.

Symbol Index

IP#

Ingress Protection Rating

Degrees of protection provided against the intrusion of solid objects, dust, accidental contact and water.

IK#

Impact Rating

Degrees of protection by enclosures for electrical equipment against external mechanical impact.

Drive-over Capable

Luminaire can be driven over.

###kg

Maximum Static Load

The maximum load in kilograms that the inground luminaire can withstand.

humantouch™

HumanTouch™

This technology ensures the glass temperature is maintained below 65 °C.

opticlear™

OptiClear™

A glass with very high optical purity and load strength.

gripglass™

GripGlass™

Textured treatment of **OptiClear™** glass for inground luminaires to minimise the risk of slipping.

pureOptics™

PureOptics™

Advanced reflectors which provide maximum efficiency over a long service life

microantileach™

MicroAntiLeach™

Sealing process eliminating moisture ingress through the cable.

electropolish+™

ElectroPolishPlus™

Proprietary system providing exceptional resistance to tea-staining and corrosion of stainless steel.

Mono colour

Mono Colour

Product is available with single colour LED source.

RGB

RGB

Product is available with RGB colour LED source.

What's New!

This catalogue now includes:

- Updated visual product index
- New Interior Downlight section
- New LS375LED Star III Underwater luminaire
- New LS363LED Inground uplight luminaire
- New LS861LED Wall mount luminaire

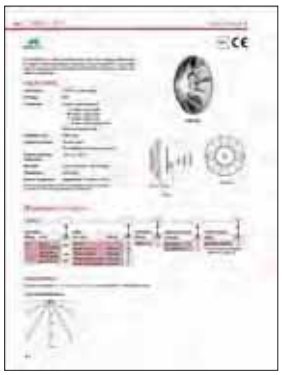
Interior Downlights

The new Lumascape Interior downlights are a range of specification grade fixed downlights manufactured from ultra efficient LED technology. Theses luminaires are designed to maintain a 70% average lumen output at 50,000 hours and includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS15024
(see page 212 for details)

Wall Mount Luminaire

The LS861LED is a wall mounted luminaire with linear styling complementary to modern architectural designs.



LS861LED
(see page 138 for details)

Underwater Fountain Light

The LS375LED is a compact, surface mounted fountain light designed for high performance applications.

LS375LED Star III
(see page 121 for details)

Inground Uplight LED Luminaire

The LS363LED is a compact inground luminaire allowing placement in a variety of accessible areas.

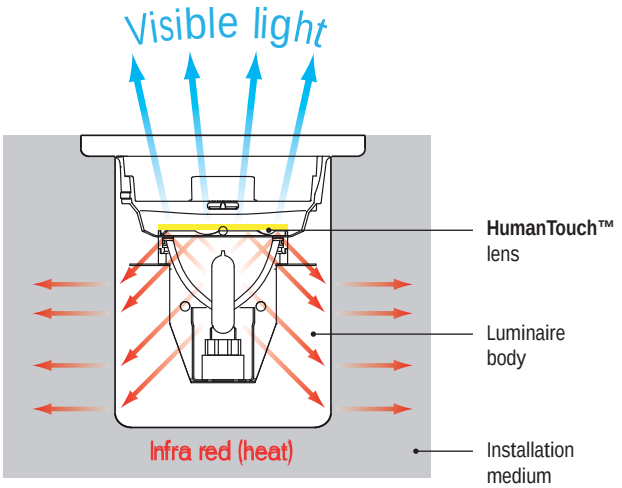
LS363LED
(see page 21 for details)

humantouch™
TOTAL TEMPERATURE REDUCTION TECHNOLOGY

The **HumanTouch™** system not only guarantees the optimal performance of Lumascape luminaires, but it also reduces external glass temperatures to human friendly levels for public spaces where safety is the priority.

HumanTouch™ ensures the temperature of all the internal components are actively maintained well below their maximum safe operating temperatures. Should abnormal environmental circumstances threaten to overheat the luminaire, our dual protection system simply turns the luminaire off.

HumanTouch™ is yet another innovative concept designed to increase the quality of your Lumascape product. Look for the logo below on the Lumascape products that can contain the advanced HumanTouch™ technology.



This diagram demonstrates the concept of HumanTouch™ in inground luminaires equipped with PureOptics™ reflector.

Glass Temperatures For Surface Mounted Luminaires

HumanTouch™ temperatures for surface mounted luminaires are measured in a controlled laboratory environment at an ambient temperature of 25 ºC (77 ºF), in still air, and mounted to a highly insular surface. The inclusion of any other accessory may vary surface temperatures from those listed. Consult factory for details.

Glass Temperatures For Inground Luminaires - Quick Reference

HumanTouch™ glass temperatures for inground luminaires are measured in a controlled laboratory environment at an ambient temperature of 25ºC (77 ºF), in still air, and installed in a highly insular substrate. The inclusion of any other accessory may vary glass temperatures from those listed. Consult factory for details.

All Lumascape LED products are **HumanTouch™** compliant

Luminaire	Lamp	Control Gear Location	Optical System		Wattage	HumanTouch™ Compatibility	Glass Temperature	HumanTouch™ Accessory Required
			Description	Reflector				
LS343	MH / HIT	Integral	Adjustable	PureOptics™	39 W	✓	≤61 °C (≤141 °F)	Yes
					70 W	✓	≤65 °C (≤149 °F)	Yes
				Aluminum	39 W	✓	≤65 °C (≤149 °F)	Yes
					70 W	✓	≤65 °C (≤149 °F)	Yes
			Fixed	Asymmetric	39 W	✓	≤65 °C (≤149 °F)	Standard inclusion
					70 W	✓	≤65 °C (≤149 °F)	Standard inclusion
LS363	MH / HIT	Integral	Adjustable	Aluminum	20 W	✓	≤65 °C (≤149 °F)	Standard inclusion
	MR16	Integral	Adjustable	--	50 W IRC	✓	≤65 °C (≤149 °F)	Yes
	CFL / TCT	Integral	Fixed	Aluminum	18 W, 26 W	✓	≤62 °C (≤143 °F)	Yes
LS393	MR16	Remote	Adjustable	--	50 W	✓	≤65 °C (≤149 °F)	Yes
LS843	MH / HIT	Integral	Fixed	Aluminum	20 W	✓	≤65 °C (≤149 °F)	Standard inclusion
LS853	MH / HIT	Remote	Fixed	PureOptics™	39 W	✓	≤65 °C (≤149 °F)	Yes

INCAND-AIR 30

RGBWA LED LUMINAIRE

LED Mind Incandescent Soul

Lumascape's INCAND-Air 30 is a high power LED based downlight system.

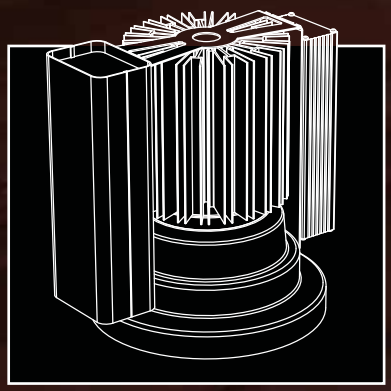
Although originally developed for retro-fitting into the mounting hardware of existing downlights, the INCAND-Air 30 is also offered as a complete luminaire for new installations.

Available in Single Colour, RGB, or RGBWA, the INCAND-Air 30 is capable of producing beautiful high CRI whites of any CCT and accurately replicates the colour temperature shift that is characteristic of halogen lamps when dimmed.

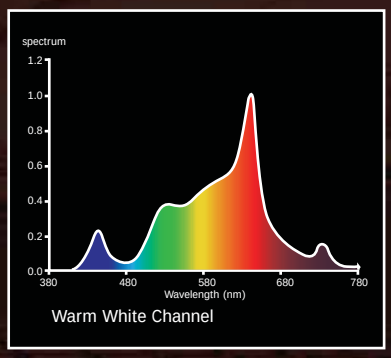
With RGBWA, excellent whites and vivid colours can be easily achieved. INCAND-Air 30 achieves an outstanding, totally smooth dimming performance, from 100% brightness to black-out without any flicker, or step off.

This dimming capability is accomplished through the use of an ultra high resolution interpolative dimming method.

For incandescent quality lighting powered by sustainable technology, contact Lumascape for the latest innovations in LED technology and bespoke lighting solutions.



INCAND-Air LED luminaire



colour mimic mode

silent passive cooling

www.lumascape.com

CE

Why is IP68 for inground luminaires important?

Water ingress is the most common complaint with inground luminaires. With water ingress comes internal corrosion, unsightly droplets under the glass and eventual electrical failure. Even IP67 luminaires, which are claimed to be suitable for exterior use can have frequent water ingress problems.

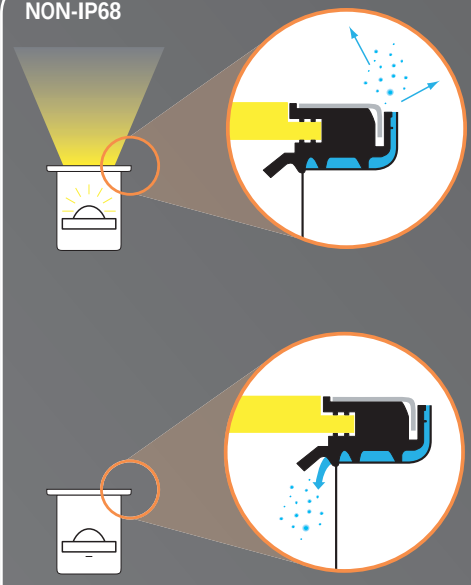
A common oversight is that normal use of inground luminaires can include periods of temporary submersion (heavy rains, low lying areas, irrigation, snow melt, etc). The diagrams (right) show how water can enter an inground luminaire that is not IP68.

That's why all Lumascape inground luminaires are IP68. We ensure that even during submersion, no water can enter. In fact, our LS343 is independently certified to a depth of 11 m, well beyond common use, ensuring trouble-free operation over the life of the luminaire.

But IP68 is not just about the lid seal, its also about the cable entry. That is why we invented the **MicroAntiLeach**™ cable entry seal.

Please read on below for more information on Lumascape's **MicroAntiLeach**™ technology.

NON-IP68



During the normal operation of an ingrade luminaire, internal air pressure can reach up to 6 psi. Air will escape through any available air-path.

When the luminaire cools down after switch off, a vacuum is created inside the luminaire, which will draw in any moisture in the environment (water, humidity) back through the air-path. This is the start of moisture accumulation inside the luminaire. Only an IP68 rating can prevent this from occurring.

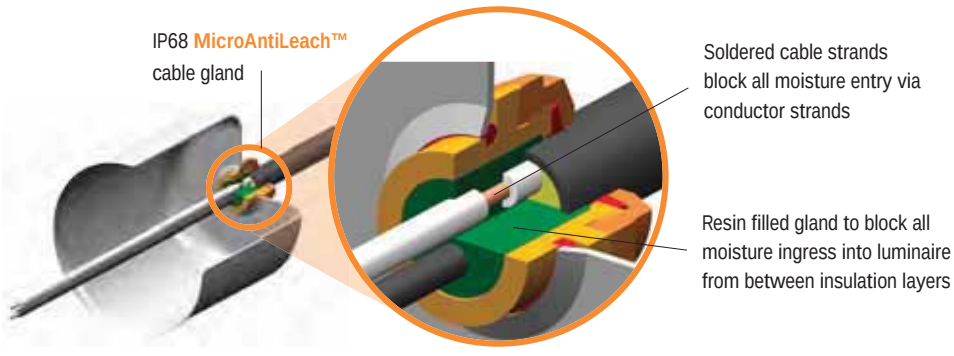
LUMASCAPE INGROUND PRODUCTS ARE IP68

MicroAntiLeach™ 100% Sealed, factory installed wire entries

A common point for moisture ingress in inground luminaires is through the wire entry: The same pressures that effect the lid seal also effect the wire entry point.

That's why every Lumascape inground features **MicroAntiLeach™**, a factory installed, 100% watertight wire entry that blocks moisture from entry to the luminaire. Even if water gets into the stranded copper, there is no way to get through into the housing. This unique, compact design has a high pressure resistance, enduring a 30 psi pressure test before it can be used in a Lumascape luminaire. This is one of many critical engineering considerations Lumascape builds into every inground luminaire, ensuring a long service life.

Whilst **MicroAntiLeach™** was developed for inground luminaires, this feature can also be found on underwater, and other selected Lumascape luminaires. Specify with confidence, knowing your project is protected from the inside out with Lumascape **MicroAntiLeach™**. Look for the **MicroAntiLeach™** logo on the catalogue page.

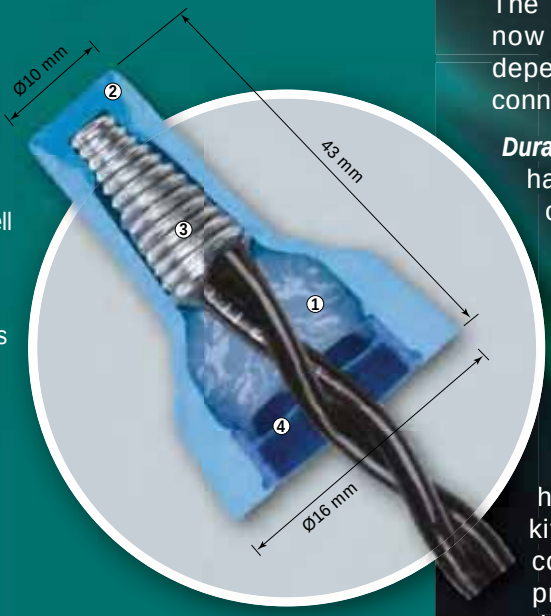


GET CONNECTED

With Lumascape IP68 rated wire nut connectors

LS6134-1
Wire nut connector

- Pre-filled with 100% silicone sealant that protects against moisture and corrosion
- Easy installation process saves time and improves productivity
- Thicker thermoplastic shell for extreme durability in harsh environments
- Live-action square-wire spring for secure and long-lasting connections
- Connected and Protected in one easy, timesaving process
- Designed to exceed the rigorous test standards of UL 486D
- Minimum cable size 2 x 1 mm^2 underground cable
- Maximum cable size 3 x 3.3 mm^2 underground cable



1. 100% silicone sealant
2. Thick thermoplastic shell for extreme durability
3. Live-action square-wire spring for secure and long-lasting connections
4. Fixed end cap secures sealant and protects connection

Dealing with a tough job? Make it easier by using Lumascape IP68 rated connectors.

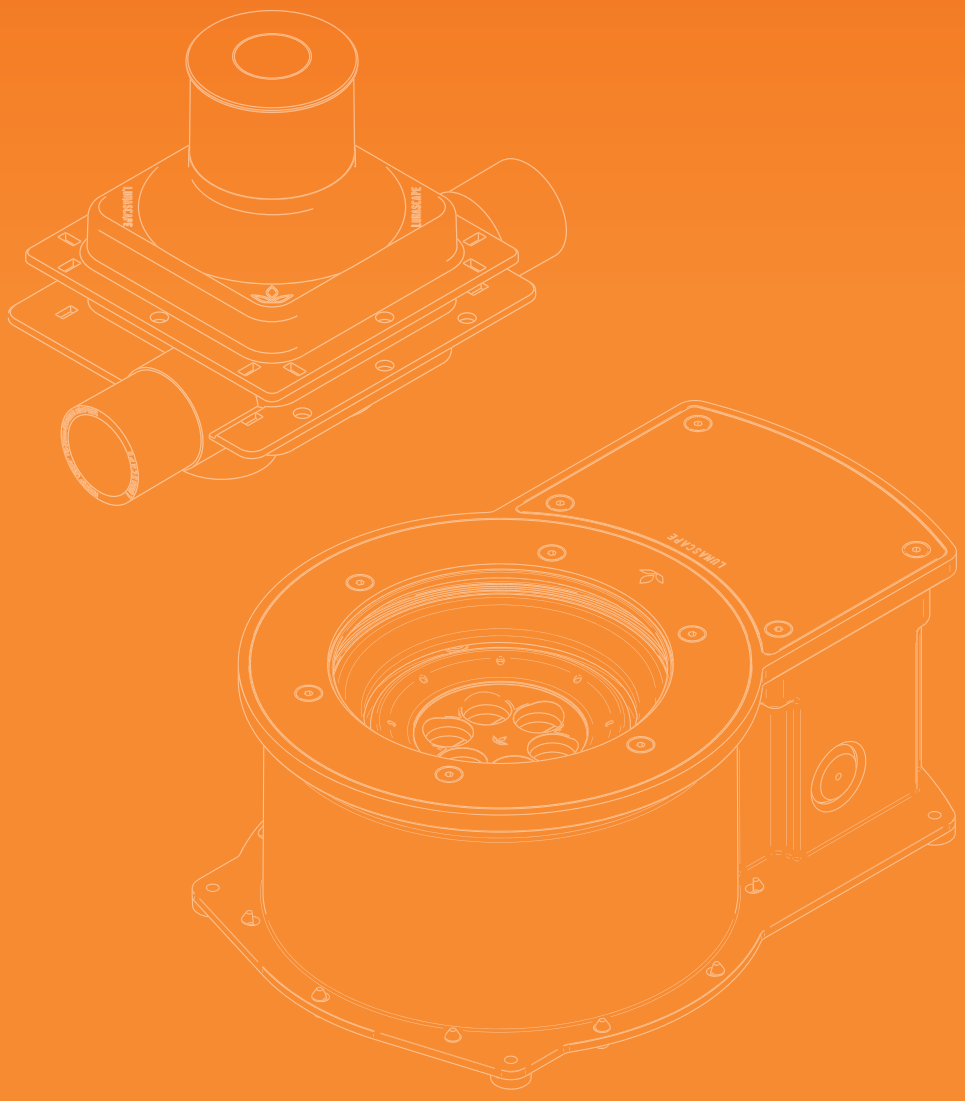
The leading brand in twist-on wire connectors now makes any job easier by using tough and dependable Weather Proof and Underground wire connectors.

Durability: These harsh-duty IP68 rated connectors have been designed specifically to handle wire connections exposed to damp/wet and direct burial/below grade conditions.

Performance: Each connector is pre-filled with a long-lasting 100% silicone sealant that protects your electrical connections from the most severe environments.

Cost Savings: They save you time and money too. With other connectors you have to use heatshrink resin packs, multi-step corrosion kits or caulk and tape to protect your electrical connections from moisture and corrosion. Our pre-filled connectors eliminate these costly time-consuming steps and give you maximum protection with just a few simple twists.

Inground



LED source

Lumascape Head Office - Cleveland QLD, Australia
LS853LED inground uplight luminaire

humantouch™ gripglass™ OPTIONAL opticlear™ OPTIONAL microantileach™

4200 kg IP68 IK10 CE

The LS853LED is a full featured shallow depth inground luminaire. The LED luminaire features a built in driver, and measures only 180 mm deep (in direct burial format). The ability to aim the luminaire ensures the most efficient light delivery can be set according to the site conditions.

SPECIFICATIONS

LED Source	LED 14 W or 20 W [1] *Integral driver* ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm) LED 20 W [1] RGB
IP Rating	IP68
Construction	316 marine grade stainless steel
Installation Types	Direct burial *Landscapes, etc.* Mounting collar *Decks and grates* (LS640) Pre-installation blockout *Drive-over or other applications requiring pre-installation* (LS6072-K - with single gland entry) (LS6052-K - single colour line voltage with IP68 connector) (LS6102-K - single colour low voltage with IP68 connector)
Drive-over	With **OptiClear™** lens and pre-installation blockout
Static Load Rating	4200 kg with **OptiClear™** lens and pre-installation blockout
Impact Rating	IK10 with **OptiClear™** lens
Standard Inclusions	Teflon coated cover screws **MicroAntiLeach™** cable entry Thermal cutout Humidity absorbent desiccant
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	10 year structural, 1 year electrical
Accessories *Order separately*	Refer to page 13 for direct burial Refer to page 15 for pre-installation
Photometrics	Refer to page 16
Glass Temperature	**HumanTouch™** compliant ≤65 °C

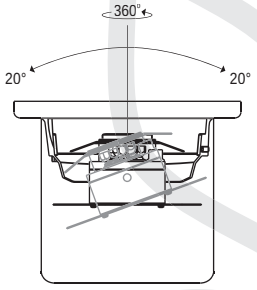
NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement

[1] Nominal power consumption only, actual power consumed may vary.

LS853LED Recessed Cover

LS853LED Round Flush Cover

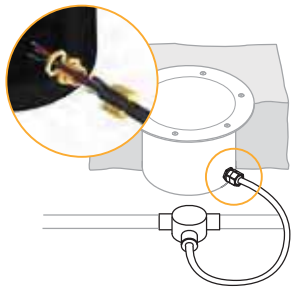
LS853LED Pre-installation Round Flush Cover



WHY USE DIRECT BURIAL

Direct burial installation is ideal for landscaping areas or in locations where the depth is restricted. This type of installation also allows for maximum heat dissipation. The stainless steel construction of the luminaire performs flawlessly in alkaline and acidic soil types, as well as chemically fertilised landscapes.

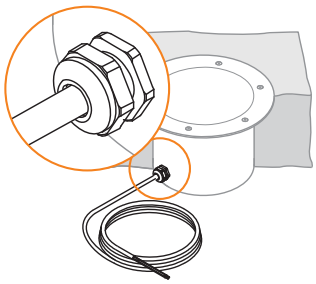
Cable Entry Option for Direct Burial



Armoured Cable & Junction Box

Armoured cable 0.6 m provides protection against damage to cable between luminaire and 3 way junction box (included). Allows for loop in/loop out and flexibility of luminaire placement.

Not available for RGB option



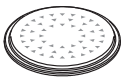
Single Gland Entry

MicroAntiLeach™ and 3 m flexible cable provide additional protection to luminaire against water ingress via cable.

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

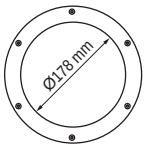
Ideal for general use areas. Not suitable for drive-over applications.

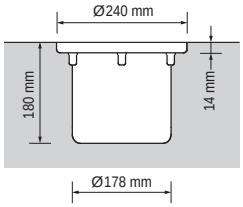
Cover Options for Direct Burial

Recessed Cover

- SS316: Polished
- SS316: Brushed

Use recessed cover for installation in soil, grass, pavers and other uneven surfaces where no cover overhang is desired.

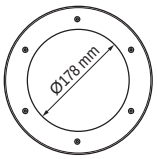


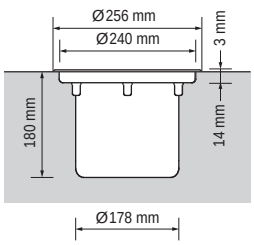


Round Flush Cover

- SS316: Polished
- SS316: Brushed

Use flush covers for installation in fine finished surfaces such as granite and marble. They can also be used in some suspended applications (decks, etc). The flush cover will conceal gaps between the luminaire and the surrounding surface.





CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Body Depth Code	Driver & Cable Entry Code	Supply Voltage Code
LS853LED						28		

LED SOURCE

Wattage	Colour	Code
14 W	White (4300 K typical)	14W4
	Warm white (3000 K typical)	14H6
	Blue (470 nm)	14B4
20 W	White (4300 K typical)	20W4
	Warm white (3000 K typical)	20H6
	Blue (470 nm)	20B4
	RGB	20M4

OPTICAL SYSTEM

Description	Beam	Code
Adjustable	Narrow [1] 14°	N
Adjustable	Medium 30°	M
	Linear horizontal [1] 40° x 20°	LH
	Linear vertical [1] 20° x 40°	LV

[1] Not available for RGB.

NOTE: Beam angle values are nominal.

INSTALLATION TYPE & BODY DEPTH

Description	Depth	Code
Direct burial	180 mm	28

For other body depths consult factory.

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	**OptiClear™** with slip reduction glazing process	G
Borosilicate glass	Ideal for general use areas	X

DRIVER & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Integral	Side	N
	Bottom	Q

COVER

Description	Material	Finish	Code
Recessed cover	Stainless steel	Polished	B
		Brushed	H
Round flush cover	Stainless steel	Polished	D
		Brushed	I

SUPPLY VOLTAGE

Voltage	Code
110-240 V AC 50/60 Hz [1]	1
24 V DC or 12 V AC [2]	7

[1] Not available for RGB.

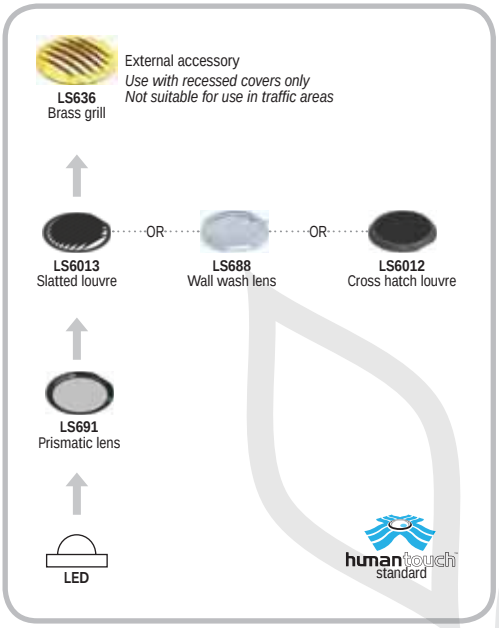
[2] Requires remote power supply or transformer - see page 239.

CABLE ENTRY

Description	Code
Armoured cable and J-box [1]	81
Single gland entry, **MicroAntiLeach™**	84

[1] Not available for RGB.

ACCESSORIES



Other accessory stacking options may be available - consult factory

WHY USE PRE-INSTALLATION BLOCKOUT

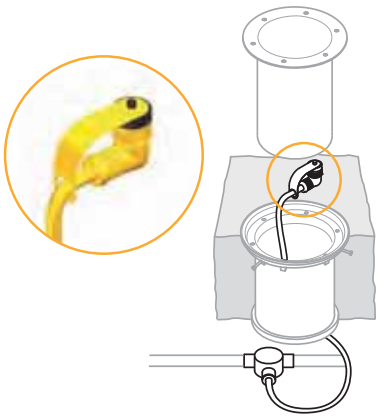
This type of installation requires the LS6052-K, LS6072-K or LS6102-K pre-installation kit (order separately) which acts as a blockout, and is intended for installation before the luminaire. This method ensures the luminaire itself is not damaged during concreting or other site works, and also allows for all wiring to be completed prior to luminaire placement. Pre-installation also allows for off-site maintenance, via the detachable IP68 connector fitted on the luminaire housing (LS6072-K uses a single gland entry instead).

The mating connector on the cable has a sealing cap which ensures water does not enter the cable before the installation is completed. Pre-installation is required for all drive-over applications.

WHY USE MOUNTING COLLARS

The LS640 mounting collar supports installation in decks and grates. They may also be used in hollow floors where there is appropriate ventilation.

Cable Entry Option for Pre-Installation Blockout



IP68 Connector & Junction Box

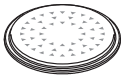
The luminaire is fitted with an IP68 connector, which attaches directly to the cable supplied with LS6052-K or LS6102-K without the use of any tools. The cable is 0.56 m in length, and is factory assembled with a 3 way junction box.

The LS640 mounting collar and the LS6072-K pre-installation kit have a single gland entry. *See page 12.*

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

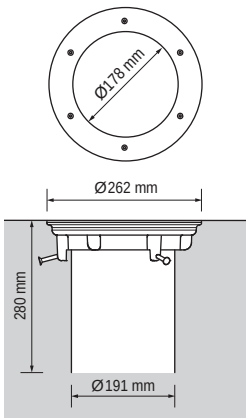
Ideal for general use areas. Not suitable for drive-over application.

Cover Options for Pre-Installation Blockout & Mounting Collar

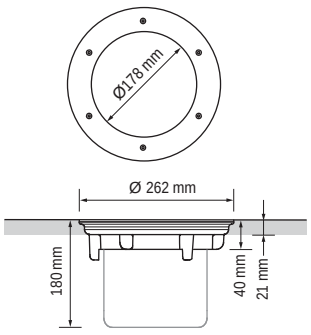
Round Flush Cover

- SS316: Polished
- SS316: Brushed

Flush covers for pre-installation use special seals and support bushes to ensure static loads up to 4200 kg are properly supported. In order to achieve this drive-over rating, **OptiClear™** or **GripGlass™** must be used.



LS6052-K pre-installation blockout



LS640 mounting collar

CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Body Depth Code	Driver & Cable Entry Code	Supply Voltage Code
LS853LED						29	Q	

LED SOURCE

Wattage	Colour	Code
14 W	White (4300 K typical)	14W4
	Warm white (3000 K typical)	14H6
	Blue (470 nm)	14B4
20 W	White (4300 K typical)	20W4
	Warm white (3000 K typical)	20H6
	Blue (470 nm)	20B4
	RGB	20M4

OPTICAL SYSTEM

Description	Beam		Code
Adjustable	Narrow [1]	14°	N
Adjustable	Medium	30°	M
	Linear horizontal [1]	40° x 20°	LH
	Linear vertical [1]	20° x 40°	LV

[1] Not available for RGB.

NOTE: Beam angle values are nominal.

INSTALLATION TYPE & BODY DEPTH

Description	Depth	Code
Mounting collar [1]	180 mm	29
Pre-installation [2]	280 mm	

[1] Requires *LS640* - order separately.

[2] Requires pre-installation kit - order separately.
LS6072-K with single gland entry,
LS6052-K with IP68 connector for single colour line voltage (code 1),
LS6102-K with IP68 connector for single colour low voltage (code 7).

For other body depths consult factory.

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	**OptiClear™** with slip reduction glazing process	G
Borosilicate glass [1]	Ideal for general use areas	X

[1] Not suitable for drive-over.

DRIVER & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Integral	Bottom	Q

COVER

Description	Material	Finish	Code
Round flush cover	Stainless steel	Polished	M
		Brushed	N

SUPPLY VOLTAGE

Voltage	Code
110-240 V AC 50/60 Hz [1]	1
24 V DC or 12 V AC [2]	7

[1] Not available for RGB.

[2] Requires remote power supply or transformer - see page 239.

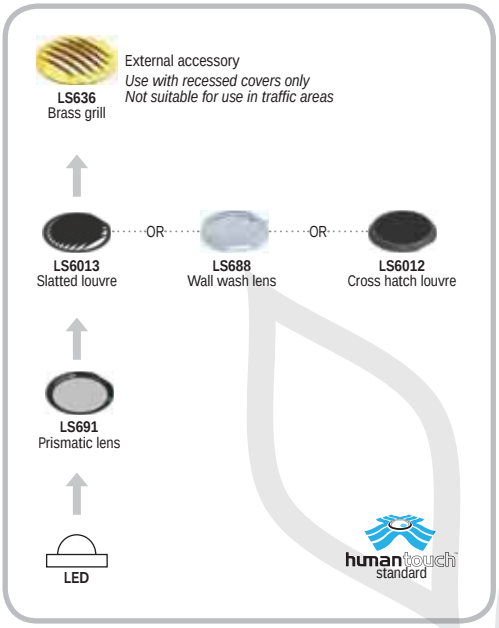
CABLE ENTRY

Description	Code
Single gland entry, **MicroAntiLeach™** [1]	84
IP68 connector & J-box [2]	85

[1] Mounting collar or pre-installation blockout *LS6072-K* only.

[2] Pre-installation blockout *LS6102-K* or *LS6052-K* only.
Not available for RGB.

ACCESSORIES



Other accessory stacking options may be available - consult factory

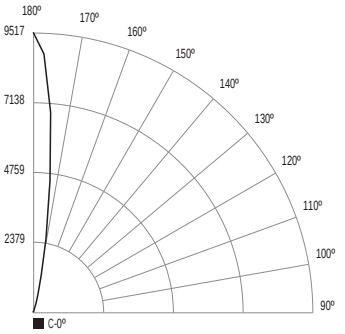
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

LS853LED
4300 K
14° Beam Angle

Power Input	15 W
Lumens	795
Efficacy	52 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0
140°	5	5	5	5	5	6	6
150°	21	22	21	22	22	22	23
160°	131	133	133	135	138	144	156
170°	2209	2280	2324	2348	2421	2478	2543
180°	9517	9517	9517	9517	9517	9517	9517

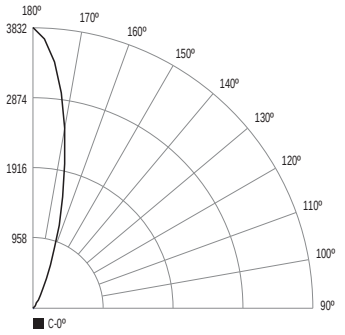
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	9517	24 cm
2	2417	49 cm
3	1074	73 cm
4	604	98 cm
5	387	122 cm

LS853LED
4300 K
30° Beam Angle

Power Input	21 W
Lumens	1137
Efficacy	54 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	12	11	9	7	8	9	11
140°	43	46	50	52	52	48	43
150°	206	204	204	209	210	209	219
160°	881	874	853	849	865	897	923
170°	2495	2463	2439	2435	2452	2489	2554
180°	3832	3832	3832	3832	3832	3832	3832

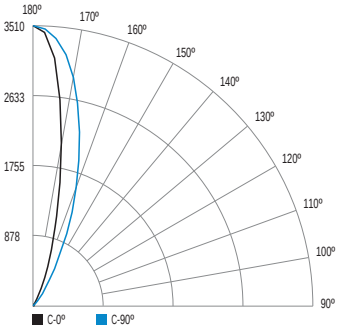
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	3832	50 cm
2	958	99 cm
3	426	149 cm
4	240	198 cm
5	153	248 cm

LS853LED
4300 K
20° x 40° Beam Angle

Power Input	21 W
Lumens	1126
Efficacy	54 lm/W

Polar Candela Distribution

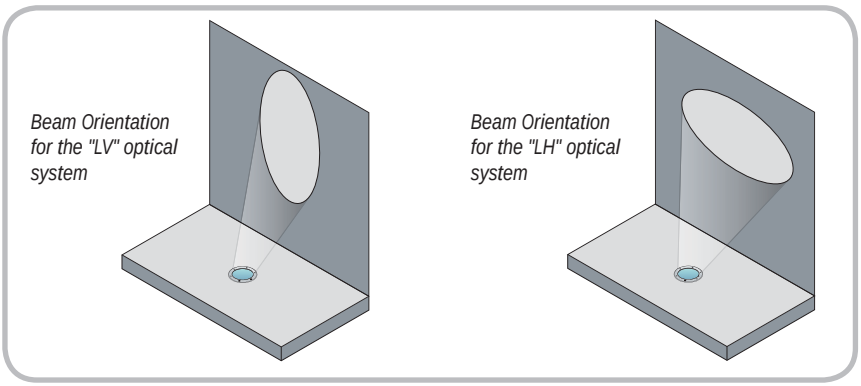


	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	10	9	8	8	13	21	28
140°	20	21	26	44	82	132	138
150°	89	101	130	199	325	479	541
160°	565	593	697	888	1149	1477	1582
170°	2073	2118	2252	2460	2714	2862	2905
180°	3510	3510	3510	3510	3510	3510	3510

Illuminance at a Distance

m	Center Beam lx	Beam W	Beam L
1	3510	35 cm	72 cm
2	878	70 cm	146 cm
3	390	106 cm	218 cm
4	219	141 cm	290 cm
5	140	176 cm	364 cm

Beam Orientations



Cleveland QLD, Australia
LS353LED shallow inground luminaire

humantouch™ gripglass™ OPTIONAL opticlear™ OPTIONAL microantileach™ OPTIONAL

1800 kg IP68 IK9 CE

The LS353LED ultra shallow inground luminaire is 124 mm deep and is specifically designed for applications where minimal depth is critical. The luminaire is suitable for use in high pedestrian traffic areas and can be used for drive-over applications. The shallow depth allows the housing to be integrated into suspended concrete slabs.

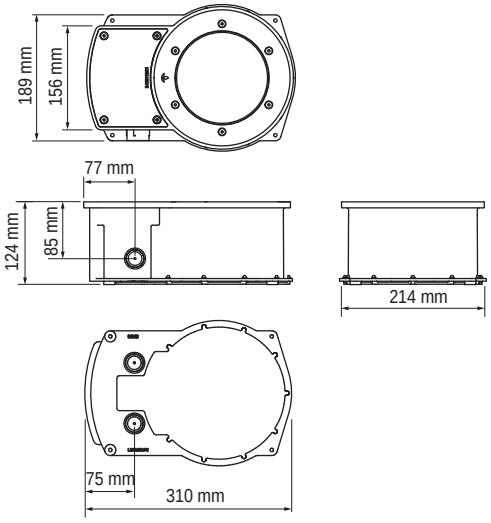
LS353LED Shallow Inground

SPECIFICATIONS

LED Source	LED 14 W or 20 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm)
IP Rating	IP68
Construction	Cover - 316 marine grade stainless steel Body - UV stabilised 30% glass filled PBT/PC high impact strength polymer
Installation Type	Direct burial *Drive-over, landscapes, etc.*
Drive-over	With **OptiClear™** or **GripGlass™** lens when the housing is encased in concrete
Static Load Rating	1800 kg
Impact Rating	IK9 with **OptiClear™** lens
Standard Inclusions	Teflon coated cover screws 25 mm conduit adaptor with cast resin or 3 m **MicroAntiLeach™** cable Driver with in-built thermal cutout Pre-installation cover kit Humidity absorbent desiccant
Ambient Operating Temperature	-20 °C to 45 °C
Warranty	10 year structural, 3 year LED and driver
Photometrics	Refer to page 19
Glass Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement

[1] Nominal power consumption only, actual power consumed may vary.



CONFIGURE THIS PRODUCT ›

LS353LED → [ ] → [ ] → [ ] → [ ] → [ ] → 1

LED SOURCE

Wattage	Colour	Code
14 W	White (4300 K typical)	14W4
	Warm white (3000 K typical)	14H6
	Blue (470 nm)	14B4
20 W	White (4300 K typical)	20W4
	Warm white (3000 K typical)	20H6
	Blue (470 nm)	20B4

NOTE: Narrow beam applicable with 14 W only.

LENS

Name	Code
OptiClear™	A
GripGlass™	G

COVER

Material	Finish	Code
Stainless steel	Polished	M
	Brushed	N

CABLE ENTRY

Description	Code
25 mm conduit adaptor	
Single gland entry [1] **MicroAntileach™**	84

[1] 3 m cable entry located at right hand side as standard unless otherwise specified.

OPTICAL SYSTEM

Beam		Code
Narrow	14°	N
Medium	30°	M
Linear horizontal	40° x 20°	LH
Linear vertical	20° x 40°	LV

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
90-277 V AC 50/60 Hz	1

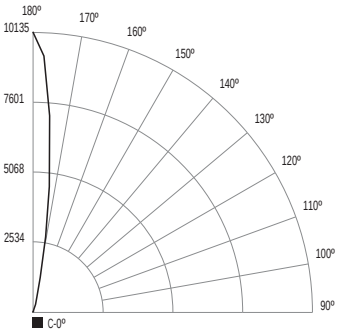
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸ Technical Data ▸ Photometric Files.

LS353LED
4300 K
14° Beam Angle

Power Input	15
Lumens	878
Efficacy	57 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	9	9	9	9	9	9	9
100°	11	11	11	11	11	11	11
110°	11	11	11	11	11	11	11
120°	1	1	1	1	1	1	1
130°	0	0	0	0	0	0	0
140°	4	5	5	5	5	4	5
150°	24	24	24	24	24	24	24
160°	152	149	146	144	146	150	157
170°	2768	2510	2421	2368	2329	2318	2355
180°	10135	10135	10135	10135	10135	10135	10135

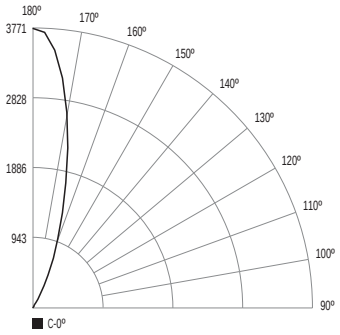
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	10135	25 cm
2	2537	50 cm
3	1127	76 cm
4	634	101 cm
5	406	126 cm

LS353LED
4300 K
30° Beam Angle

Power Input	20.2
Lumens	1117
Efficacy	55 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	13	13	12	9	9	8	9
140°	46	45	45	52	56	57	53
150°	236	241	234	232	235	236	233
160°	1003	997	997	997	988	986	997
170°	2645	2648	2649	2650	2648	2643	2647
180°	3771	3771	3771	3771	3771	3771	3771

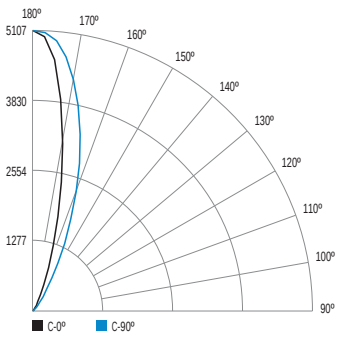
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	3771	50 cm
2	1367	100 cm
3	608	150 cm
4	342	200 cm
5	219	251 cm

LS353LED
4300 K
20° x 40° Beam Angle

Power Input	31
Lumens	1576
Efficacy	50 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	9	8	7	7	13	18	23
140°	25	25	28	42	80	124	141
150°	119	128	166	272	439	612	695
160°	843	886	1045	1327	1702	2141	2318
170°	3095	3166	3352	3661	3986	4209	4278
180°	5107	5107	5107	5107	5107	5107	5107

Illuminance at a Distance

m	Center Beam lx	Beam W	Beam L
1	5107	35 cm	72 cm
2	1277	70 cm	146 cm
3	568	106 cm	218 cm
4	319	141 cm	290 cm
5	204	176 cm	364 cm

Tarrawarra Museum - Yarra Glen VIC, Australia
LS363 inground uplight luminaire

humantouch™ gripglass™ OPTIONAL opticlear™ OPTIONAL microantileach™

1800 kg IP68 IK9 CE

The LS363LED is a compact inground option, utilising 14 W or 20 W LED. **HumanTouch™** is an important feature of this series, allowing placement in accessible areas. Adjustability of the optics ensures light can be delivered where it is required.

SPECIFICATIONS

LED Source	LED 14 W or 20 W [1] *Integral driver* ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm) RGB (available for 20 W only)
IP Rating	IP68
Construction	316 marine grade stainless steel
Installation Types	Direct burial *Landscapes, etc.* Mounting collar *Decks and grates* (LS644) Pre-installation blockout *Drive-over or other applications requiring pre-installation* (LS644-K) RGB options to be advised
Drive-over	With **OptiClear™** lens and pre-installation blockout
Static Load Rating	1800 kg with **OptiClear™** lens and pre-installation blockout (LS644-K)
Impact Rating	IK9 with **OptiClear™** lens
Standard Inclusions	Teflon coated cover screws **MicroAntiLeach™** cable entry Thermal cutout Humidity absorbent desiccant
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	10 year structural, 1 year electrical
Glass Temperature	**HumanTouch™** compliant ≤65 °C

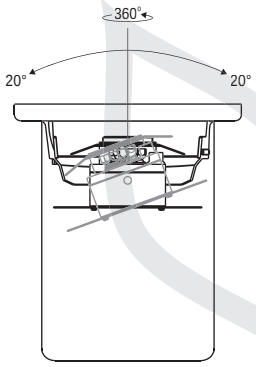
NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement

[1] Nominal power consumption only, actual power consumed may vary.

LS363LED Recessed Cover

LS363LED Round Flush Cover

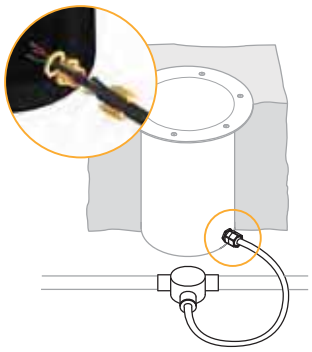
LS363LED Pre-installation Round Flush Cover



WHY USE DIRECT BURIAL

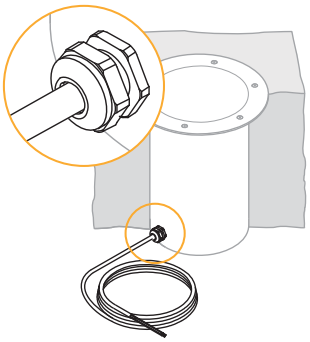
Direct burial installation is ideal for landscaping areas or in locations where the depth is restricted. This type of installation also allows for maximum heat dissipation. The stainless steel construction of the luminaire performs flawlessly in alkaline and acidic soil types, as well as chemically fertilised landscapes.

Cable Entry Option for Direct Burial



Armoured Cable & Junction Box

Armoured cable 0.6 m provides protection against damage to cable between luminaire and 3 way junction box (included). Allows for loop in/loop out and flexibility of luminaire placement.



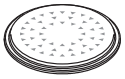
Single Gland Entry

MicroAntiLeach™ and 3 m flexible cable provide additional protection to luminaire against water ingress via cable.

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



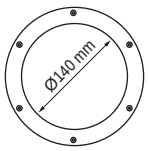
GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

Ideal for general use areas. Not suitable for drive-over application.

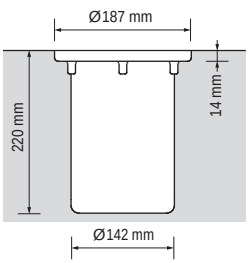
Cover Options for Direct Burial

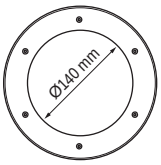


Recessed Cover

- SS316: Polished
- SS316: Brushed

Use recessed cover for installation in soil, grass, pavers and other uneven surfaces where no cover overhang is desired.

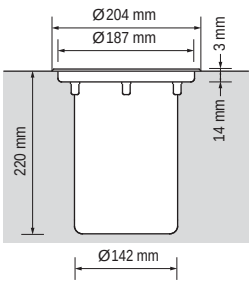




Round Flush Cover

- SS316: Polished
- SS316: Brushed

Use flush covers for installation in fine finished surfaces such as granite and marble. They can also be used in some suspended applications (decks, etc). The flush cover will conceal gaps between the luminaire and the surrounding surface.



CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Body Depth Code	Driver & Cable Entry Code	Supply Voltage Code
LS363LED						21		1

LED SOURCE

Wattage	Colour	Code
14 W	White (4300 K typical)	14W4
	Warm white (3000 K typical)	14H6
	Blue (470 nm)	14B4
20 W	White (4300 K typical)	20W4
	Warm white (3000 K typical)	20H6
	Blue (470 nm)	20B4
	RGB	20M4

OPTICAL SYSTEM

Description	Beam		Code
Adjustable	Narrow [1]	14°	N
Adjustable	Medium	30°	M
	Linear horizontal [1]	40° x 20°	LH
	Linear vertical [1]	20° x 40°	LV

[1] Not available for RGB.

NOTE: Beam angle values are nominal.

INSTALLATION TYPE & BODY DEPTH

Description	Depth	Code
Direct burial	220 mm	21

For other body depths consult factory.

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	**OptiClear™** with slip reduction glazing process	G
Borosilicate glass	Ideal for general use areas	X

DRIVER & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Integral	Side	N
Remote RGB		
Integral	Bottom	Q
Remote RGB		

Integral driver for single colour only. Remote driver for RGB only.

COVER

Description	Material	Finish	Code
Recessed cover	Stainless steel	Polished	B
		Brushed	H
Round flush cover	Stainless steel	Polished	D
		Brushed	I

SUPPLY VOLTAGE

Voltage	Code
110-240 V AC 50/60 Hz [1]	1
Remote RGB driver [2]	R

[1] Not available for RGB.

[2] RGB must be low voltage remote driver - see page 243

CABLE ENTRY

Description	Code
Armoured cable and J-box [1]	81
Single gland entry, **MicroAntiLeach™**	84

[1] Not available for RGB.

WHY USE PRE-INSTALLATION BLOCKOUT

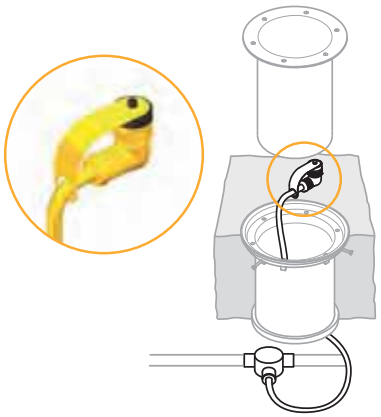
This type of installation requires the LS644-K pre-installation kit (order separately) which acts as a blockout, and is intended for installation before the luminaire. This method ensures the luminaire itself is not damaged during concreting or other site works, and also allows for all wiring to be completed prior to luminaire placement. Pre-installation also allows for off-site maintenance, via the detachable IP68 connector fitted on the luminaire housing.

The mating connector on the cable has a sealing cap which ensures water does not enter the cable before the installation is completed. Pre-installation is required for all drive-over applications.

WHY USE MOUNTING COLLARS

The LS644 mounting collar supports installation in decks and grates. They may also be used in hollow floors where there is appropriate ventilation.

Cable Entry Option for Pre-Installation Blockout



IP68 Connector & Junction Box

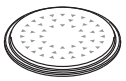
The luminaire is fitted with an IP68 connector, which attaches directly to the cable supplied with LS644-K, without the use of any tools. The cable is 0.56 m in length, and is factory assembled with a 3 way junction box. LS644 mounting collars must use a single gland entry.

The LS644 mounting collar has a single gland entry. *See page 22.*

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

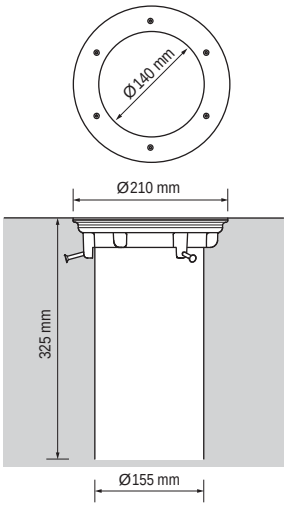
Ideal for general use areas. Not suitable for drive-over application.

Cover Options for Pre-Installation Blockout

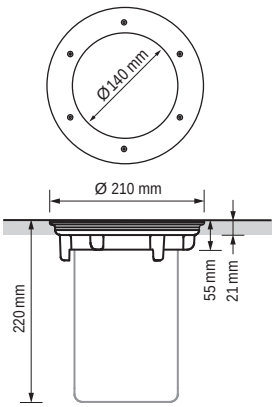
Round Flush Cover

- SS316: Polished
- SS316: Brushed

Flush covers for pre-installation use special seals and support bushes to ensure static loads up to 1800 kg are properly supported. In order to achieve this drive-over rating, **OptiClear™** or **GripGlass™** must be used.



LS644-K pre-installation blockout



LS644 mounting collar

CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Body Depth Code	Driver & Cable Entry Code	Supply Voltage Code
LS363LED						23	Q	1

LED SOURCE

Wattage	Colour	Code
14 W	White (4300 K typical)	14W4
	Warm white (3000 K typical)	14H6
	Blue (470 nm)	14B4
20 W	White (4300 K typical)	20W4
	Warm white (3000 K typical)	20H6
	Blue (470 nm)	20B4
	RGB	20M4

OPTICAL SYSTEM

Description	Beam		Code
Adjustable	Narrow [1]	14°	N
Adjustable	Medium	30°	M
	Linear horizontal [1]	40° x 20°	LH
	Linear vertical [1]	20° x 40°	LV

[1] Not available for RGB.

NOTE: Beam angle values are nominal.

INSTALLATION TYPE & BODY DEPTH

Description	Depth	Code
Mounting collar [1]	220 mm	23
Pre-installation [2]	325 mm	

[1] Requires *LS644* - order separately.
[2] Requires pre-installation kit - order separately. *LS644-K* with single gland entry,

For other body depths consult factory.

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	**OptiClear™** with slip reduction glazing process	G
Borosilicate glass [1]	Ideal for general use areas	X

[1] Not suitable for drive-over.

DRIVER & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Integral	Bottom	Q
Remote RGB		

Integral driver for single colour only. Remote driver for RGB only.

COVER

Description	Material	Finish	Code
Round flush cover	Stainless steel	Polished	M
		Brushed	N

SUPPLY VOLTAGE

Voltage	Code
110-240 V AC 50/60 Hz [1]	1
Remote RGB driver [2]	R

[1] Not available for RGB.
[2] RGB must be low voltage remote driver - see page 243

CABLE ENTRY

Description	Code
Single gland entry, **MicroAntiLeach™** [1]	84
IP68 connector & J-box [2]	85

[1] Mounting collar or pre-installation blockout only.
[2] Pre-installation blockout only. Not available for RGB.

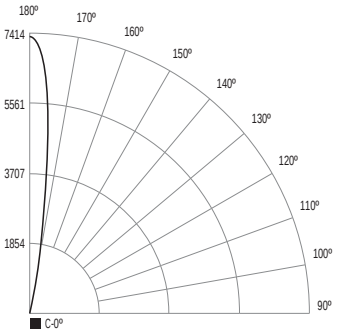
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

LS363LED
4300 K
14° Beam Angle

Power Input	15.3
Lumens	809
Efficacy	53 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	0	1	1
140°	14	13	12	11	11	10	11
150°	71	61	54	50	47	46	44
160°	549	447	360	313	280	249	226
170°	2997	2948	2834	2730	2590	2429	2278
180°	7414	7414	7414	7414	7414	7414	7414

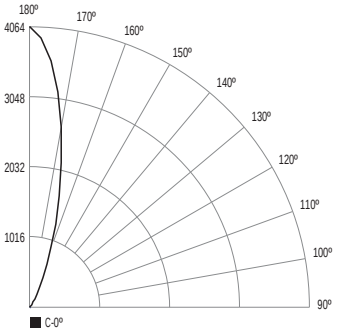
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	7414	28 cm
2	1854	55 cm
3	824	83 cm
4	463	110 cm
5	297	138 cm

LS363LED
4300 K
30° Beam Angle

Power Input	21.6
Lumens	1195
Efficacy	55 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	11	10	11	13	14	15	14
140°	65	64	59	52	47	48	48
150°	247	243	233	221	223	226	227
160°	974	966	963	974	973	974	999
170°	2660	2656	2671	2699	2745	2780	2809
180°	4064	4064	4064	4064	4064	4064	4064

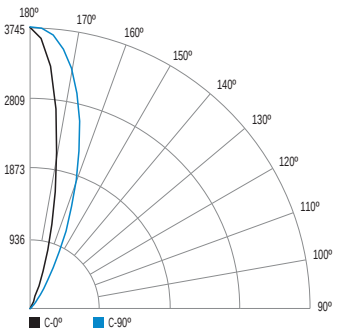
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	4064	49 cm
2	1016	99 cm
3	452	148 cm
4	254	198 cm
5	163	247 cm

LS363LED
4300 K
20° x 40° Beam Angle

Power Input	21.5
Lumens	1189
Efficacy	55 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	7	11	18	30	37
140°	21	24	28	39	68	113	165
150°	76	87	123	206	353	513	615
160°	541	596	743	965	1245	1629	1787
170°	2113	2181	2335	2588	2907	3122	3222
180°	3745	3745	3745	3745	3745	3745	3745

Illuminance at a Distance

m	Center Beam lx	Beam W	Beam L
1	3745	50 cm	72 cm
2	936	100 cm	146 cm
3	416	149 cm	218 cm
4	234	199 cm	290 cm
5	150	249 cm	364 cm

humantouch™ gripglass™ OPTIONAL opticlear™ OPTIONAL microantileach™

3750 kg IP68 IK9 CE

The LS393LED is a compact inground option, utilising 6 W LED. **HumanTouch™** is an important feature of this series, allowing placement in accessible areas. Adjustability of the optics ensures light can be delivered where it is required.

SPECIFICATIONS

LED Source	LED 6 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm) RGB
Dimmable	Using **LS6125** 0-10 V dimming *NOTE: 4 wires circuit required to be run to luminaire.*
IP Rating	IP68
Construction	316 marine grade stainless steel
Installation Types	Direct burial *Landscapes, etc.* Mounting collar *Decks and grates* (LS647) Pre-installation blockout *Drive-over or other applications requiring pre-installation* (LS637-K - single colour line voltage) (LS647-K - single colour low voltage)
Drive-over	With **OptiClear™** lens and pre-installation blockout (LS647-K / LS637-K)
Static Load Rating	3750 kg with **OptiClear™** lens and pre-installation blockout (LS647-K / LS637-K)
Impact Rating	IK9 with **OptiClear™** lens
Standard Inclusions	Integral driver for line voltage, or Integral driver for low voltage with field intensity setting (page 242) Teflon coated cover screws **MicroAntiLeach™** cable entry Thermal cutout
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	10 year structural, 1 year electrical
Accessories *Order separately*	Refer to page 29 for direct burial LED Refer to page 31 for pre-installation LED
Photometrics	Refer to page 32
Glass Temperature	**HumanTouch™** compliant ≤65 °C

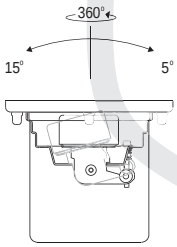
NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement

[1] Nominal power consumption only, actual power consumed may vary.

LS393LED Recessed Cover

LS393LED Round Flush Cover

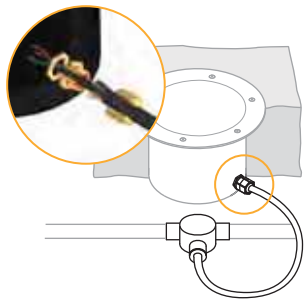
LS393LED Pre-installation Round Flush Cover



WHY USE DIRECT BURIAL

Direct burial installation is ideal for landscaping areas or in locations where the depth is restricted. This type of installation also allows for maximum heat dissipation. The stainless steel construction of the luminaire performs flawlessly in alkaline and acidic soil types, as well as chemically fertilised landscapes.

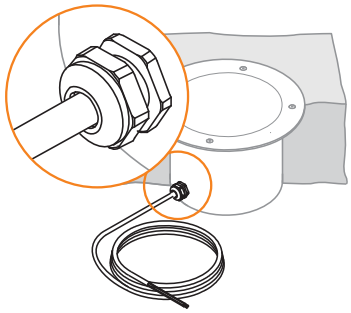
Cable Entry Option for Direct Burial



Armoured Cable MC & Junction Box

Armoured cable 0.6 m provides protection against damage to cable between luminaire and 3 way junction box (included). Allows for loop in/loop out and flexibility of luminaire placement.

Not available for RGB option



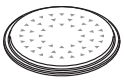
Single Gland Entry

MicroAntiLeach™ and 3 m flexible cable provide additional protection to luminaire against water ingress via cable.

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

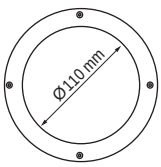
Ideal for general use areas. Not suitable for drive-over application.

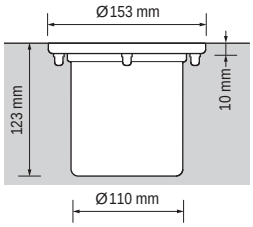
Cover Options for Direct Burial

Recessed Cover

- SS316: Polished
- SS316: Brushed

Use recessed cover for installation in soil, grass, pavers and other uneven surfaces where no cover overhang is desired.

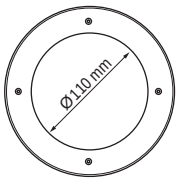


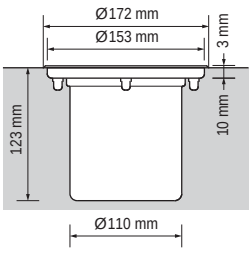


Round Flush Cover

- SS316: Polished
- SS316: Brushed

Use flush covers for installation in fine finished surfaces such as granite and marble. They can also be used in some suspended applications (decks, etc). The flush cover will conceal gaps between the luminaire and the surrounding surface.





CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Body Depth Code	Driver & Cable Entry Code	Supply Voltage Code
LS393LED						21		

LED SOURCE

Wattage	Colour	Code
6 W	White (4300 K typical)	6W4
	Warm white (3000 K typical)	6H6
	Blue (470 nm)	6B4
	RGB [1]	6M4

[1] Remote driver only, select voltage code R.

OPTICAL SYSTEM

Description	Beam		Code
Adjustable	Narrow [1]	14°	N
	Medium	30°	M
	Wide	40°	W
	Linear horizontal [1]	40° x 20°	LH
	Linear vertical [1]	20° x 40°	LV

[1] Not available for RGB.

NOTE: Beam angle values are nominal.

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	**OptiClear™** with slip reduction glazing process	G
Borosilicate Glass	Ideal for general use areas	X

INSTALLATION TYPE & BODY DEPTH

Description	Depth	Code
Direct burial	123 mm	21

DRIVER & CABLE ENTRY LOCATION

Driver	Cable Entry	Code
Integral Remote RGB	Side	N
Integral Remote RGB	Bottom	Q

Integral driver for single colour only. Remote driver for RGB only.

COVER

Description	Material	Finish	Code
Recessed Cover	Stainless steel	Polished	B
		Brushed	H
Round Flush Cover	Stainless steel	Polished	D
		Brushed	I

SUPPLY VOLTAGE

Voltage	Code
110-240 V AC, 50/60 Hz [1]	1
24 V DC or 12 V AC [2]	7
24 V DC or 12 V AC dimmable [3] *0-10 V dimmer system*	27
Remote RGB driver [4]	R

[1] Not available for RGB.
[2] Not available for RGB. Requires remote power supply or transformer - see page 239.
[3] Not available for RGB. Not compatible with cable entry code 81. Requires *LS6125* and 4 wires to run luminaire - order separately.
[4] RGB only. Requires *LS67506* remote RGB driver - order separately.

CABLE ENTRY

Description	Code
Armoured cable & J-box [1]	81
Single gland entry, **MicroAntiLeach™**	84

[1] Not available for RGB.

ACCESSORIES

LS636
Brass grill

External accessory
Use with recessed covers only
Not suitable for use in traffic areas

LED

humantouch standard

Other accessory stacking options may be available - consult factory

WHY USE PRE-INSTALLATION BLOCKOUT

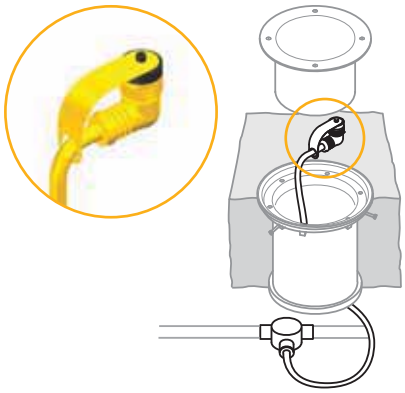
This type of installation requires the LS647-K (for low voltage supply) or LS637-K (for line voltage supply) pre-installation kit (order separately) which acts as a blockout, and is intended for installation before the luminaire. This method ensures the luminaire itself is not damaged during concreting or other site works, and also allows for all wiring to be completed prior to luminaire placement. Pre-installation also allows for off-site maintenance, via the detachable IP68 connector fitted on the luminaire housing.

The mating connector on the cable has a sealing cap which ensures water does not enter the cable before the installation is completed. Pre-installation is required for all drive-over applications.

WHY USE MOUNTING COLLARS

The LS647 mounting collar supports installation in decks and grates. They may also be used in hollow floors where there is appropriate ventilation.

Cable Entry Option for Pre-Installation Blockout



IP68 Connector & Junction Box

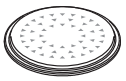
The luminaire is fitted with an IP68 connector, which attaches directly to the cable supplied with LS647-K or LS637-K, without the use of any tools. The cable is 0.56 m in length, and is factory assembled with a 3 way junction box.

LS647 mounting collars must use a single gland entry. *See page 28.*

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

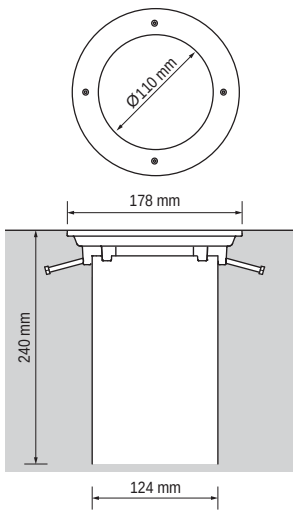
Ideal for general use areas. Not suitable for drive-over application.

Cover Options for Pre-Installation Blockout

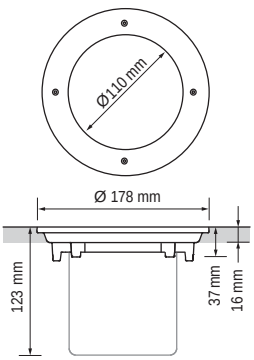
Round Flush Cover

- SS316: Polished
- SS316: Brushed

Flush covers for pre-installation use special seals and support bushes to ensure static loads up to 4200 kg are properly supported. In order to achieve this drive-over rating, **OptiClear™** or **GripGlass™** must be used.



LS647-K pre-installation blockout



LS647 mounting collar

CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Body Depth Code	Driver & Cable Entry Code	Supply Voltage Code
LS393LED						23	Q	

LED SOURCE

Wattage	Colour	Code
6 W	White (4300 K typical)	6W4
	Warm white (3000 K typical)	6H6
	Blue (470 nm)	6B4
	RGB (1)	6M4

(1) Remote driver only, select voltage code R.

OPTICAL SYSTEM

Description	Beam		Code
Adjustable	Narrow (1)	14°	N
	Medium	30°	M
	Wide	40°	W
	Linear horizontal (1)	40° x 20°	LH
	Linear vertical (1)	20° x 40°	LV

(1) Not available for RGB.

NOTE: Beam angle values are nominal.

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	OptiClear™ with slip reduction glazing process	G
Borosilicate Glass (1)	Ideal for general use areas	X

(1) Not suitable for drive-over.

INSTALLATION TYPE & BODY DEPTH

Description	Depth	Code
Mounting collar (1)	123 mm	23
Pre-installation (2)	240 mm	

(1) Requires *LS647* - order separately.
(2) Requires *LS637-K* for line voltage (code 1) or *LS647-K* for low voltage (code 7) - order separately.

For other body depths consult factory

DRIVER & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Integral	Bottom	Q
Remote RGB		

Integral driver for single colour only. Remote driver for RGB only.

COVER

Description	Material	Finish	Code
Round Flush Cover	Stainless steel	Polished	M
		Brushed	N

SUPPLY VOLTAGE

Voltage	Code
110-240 V AC, 50/60 Hz (1)	1
24 V DC or 12 V AC (2)	7
24 V DC or 12 V AC dimmable (3) *0-10 V dimmer system*	27
Remote RGB driver (4)	R

(1) Not available for RGB.
(2) Not available for RGB. Requires remote power supply or transformer - see page 239.
(3) Not available for RGB. Not compatible with pre-installation or cable code entry 85. Requires *LS6125* and 4 wires to run luminaire - order separately.
(4) RGB only. Requires *LS67506* remote RGB driver - order separately. Not compatible with pre-installation.

CABLE ENTRY

Description	Code
Single gland entry, **MicroAntiLeach™** (1)	84
IP68 connector & J-box (2)	85

(1) Mounting collar only.
(2) Pre-installation blockout only. Not available for RGB and dimming.

ACCESSORIES

LS636
Brass grill

External accessory
Use with recessed covers only
Not suitable for use in traffic areas

LED

humantouch standard

Other accessory stacking options may be available - consult factory

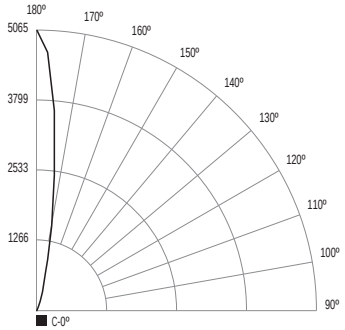
Photometrics

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

LS393LED 4300 K 14° Beam Angle

Power Input	11
Lumens	429
Efficacy	39 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0
140°	1	1	2	1	1	1	1
150°	13	14	15	15	15	15	14
160°	150	174	190	201	207	205	184
170°	1563	1620	1673	1722	1747	1752	1721
180°	5065	5065	5065	5065	5065	5065	5065

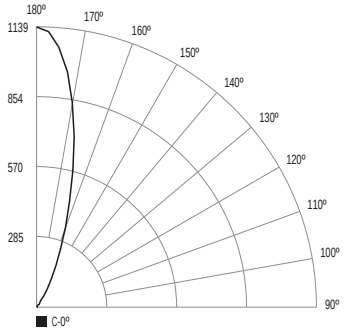
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	5065	25 cm
2	1266	51 cm
3	563	76 cm
4	317	101 cm
5	202	127 cm

LS393LED 4300 K 30° Beam Angle

Power Input	8.7
Lumens	356
Efficacy	41 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	3	3	3	2	2	3	4
140°	17	16	15	16	18	20	21
150°	87	91	90	84	82	82	82
160°	344	349	344	334	322	316	314
170°	843	850	849	841	826	813	817
180°	1139	1139	1139	1139	1139	1139	1139

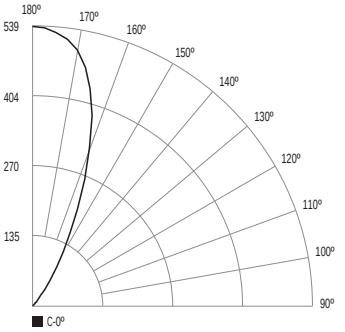
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	1139	52 cm
2	285	103 cm
3	127	155 cm
4	71	207 cm
5	46	258 cm

LS393LED 4300 K 40° Beam Angle

Power Input	8.6
Lumens	274
Efficacy	32 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	8	8	8	7	6	5	5
140°	25	29	35	39	39	30	24
150°	121	122	129	133	123	111	95
160°	324	328	324	313	303	294	282
170°	500	501	495	488	485	485	485
180°	539	539	539	539	539	539	539

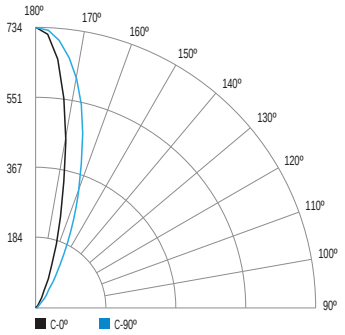
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	539	73 cm
2	135	146 cm
3	60	219 cm
4	34	291 cm
5	22	364 cm

LS393LED 4300 K 40° x 20° Beam Angle

Power Input	7.2
Lumens	238
Efficacy	33 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	1	2	3	4
140°	3	3	5	8	12	21	31
150°	19	22	32	49	72	99	155
160°	121	131	155	195	246	298	326
170°	445	452	477	518	566	600	609
180°	734	734	734	734	734	734	734

Illuminance at a Distance

m	Center Beam lx	Beam W	Beam L
1	734	35 cm	72 cm
2	184	70 cm	146 cm
3	82	106 cm	218 cm
4	46	141 cm	290 cm
5	29	176 cm	364 cm

Peppers Beach Club - Port Douglas QLD, Australia
LS793LED inground uplight luminaire

humantouch™ microantileach™

750 kg | IP68 | IK7 | CE

The LS793LED is a compact inground luminaire featuring a small aperture. The compact size allows the luminaire to be integrated into more places without appearing to dominate the architecture or landscape. For a superior wall wash effect, a factory set lamp tilt option is available delivering more light onto the desired surface.

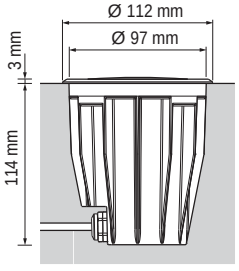
SPECIFICATIONS

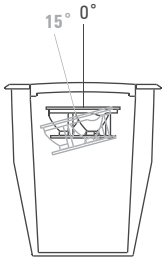
LED Source	LED 6 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) RGB
Dimmable	Using **LS6125** 0-10 V dimming *NOTE: 4 wires circuit required to be run to luminaire.*
IP Rating	IP68
Construction	Cover - 316 marine grade stainless steel Body - Die-cast brass
Installation Type	Direct burial *Landscapes, etc.*
Static Load Rating	750 kg
Impact Rating	IK7
Standard Inclusions	Integral driver with field intensity setting (page 242) **MicroAntiLeach™** cable entry Internal glare control louvre
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	5 year structural, 3 year LED & driver
Accessories *Order separately*	**LS6125** 0-10 V dimmer system **LS6122** wall plate dimmer **LS67506** remote RGB driver
Photometrics	Refer to page 35
Glass Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement

[1] Nominal power consumption only, actual power consumed may vary.

LS793LED





Tilt Angles
Factory set at 0° or 15°

CONFIGURE THIS PRODUCT ›

LS793LED → [ ] → [ ] → [ ] → [ ]

LED SOURCE

Wattage	Colour	Code
6 W	White (4300 K typical)	6W4
	Warm white (3000 K typical)	6H6
	RGB [1]	6M4

[1] Remote driver only, select voltage code R.

OPTICAL SYSTEM

Beam		Code
Narrow [1]	14°	N
Medium	30°	M
Wide	40°	W
Linear horizontal [1]	40° x 20°	LH
Linear vertical [1]	20° x 40°	LV

[1] Not available for RGB.

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
24 V DC or 12 V AC [1] *dimmable 0-10 V dimmer system*	27
Remote RGB driver [2]	R

[1] Requires *LS6125* and 4 wires to run luminaire - order separately.

[2] Requires *LS67506* - order separately. RGB only.

TILT

Angle	Code
0°	U
15°	W

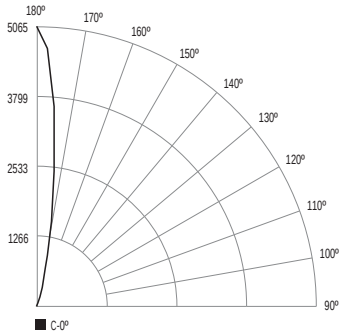
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

LS793LED
4300 K
14° Beam Angle

Power Input	11
Lumens	429
Efficacy	39 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0
140°	1	1	2	1	1	1	1
150°	13	14	15	15	15	15	14
160°	150	176	190	201	207	205	184
170°	1563	1628	1673	1722	1747	1752	1721
180°	5065	5065	5065	5065	5065	5065	5065

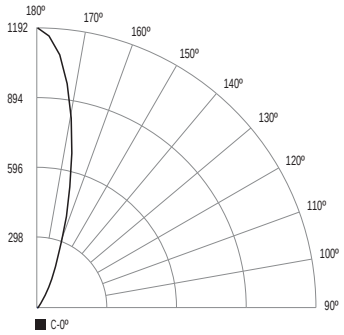
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	5065	25 cm
2	1266	51 cm
3	563	76 cm
4	317	101 cm
5	203	127 cm

LS793LED
4300 K
30° Beam Angle

Power Input	6.9
Lumens	363
Efficacy	53 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	1	1	1	1	2	1	2
140°	11	12	15	15	16	17	18
150°	76	77	74	71	71	76	88
160°	308	315	317	315	319	328	340
170°	821	829	835	840	847	854	865
180°	1192	1192	1192	1192	1192	1192	1192

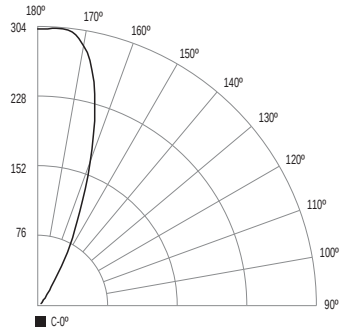
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	1192	51 cm
2	299	102 cm
3	133	152 cm
4	75	203 cm
5	48	254 cm

LS793LED
4300 K
40° Beam Angle

Power Input	9.5
Lumens	173
Efficacy	18 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	5	5	5	5	4	3	4
140°	16	15	15	16	18	17	18
150°	58	61	66	63	61	59	57
160°	171	170	169	173	173	169	166
170°	281	284	284	283	281	279	280
180°	301	301	301	301	301	301	301

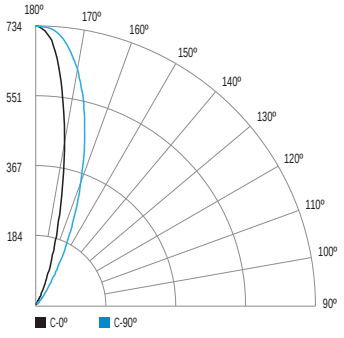
Illuminance at Distance

m	Center Beam lx	Beam Ø
1	301	77 cm
2	76	154 cm
3	34	231 cm
4	19	308 cm
5	12	384 cm

LS793LED
4300 K
40° x 20° Beam Angle

Power Input	7.2
Lumens	237
Efficacy	33 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	1	0	0	0	2	4	4
140°	3	3	5	8	16	28	31
150°	25	26	31	43	69	103	115
160°	128	133	154	196	251	309	326
170°	450	459	480	515	559	594	609
180°	734	734	734	734	734	734	734

Illuminance at a Distance

m	Center Beam lx	Beam W	Beam L
1	734	35 cm	72 cm
2	184	70 cm	146 cm
3	82	106 cm	218 cm
4	46	141 cm	290 cm
5	29	176 cm	364 cm

Australian Federal Police Memorial - Canberra ACT, Australia
LS553LED inground uplight luminaire

humantouch™ microantileach™ electropolish+™

4400 kg IP68 IK10 CE

The LS553LED is a rugged, side emitting marker light constructed of 316 marine grade stainless steel. This luminaire is ideal for pathways, pedestrian malls and other public spaces. Some models are also suitable for use in low speed traffic areas. The construction and technology used in this luminaire ensures a long service life.

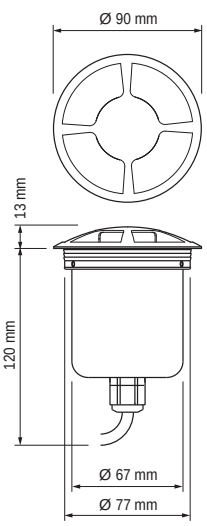
LS553LED Via
One aperture

SPECIFICATIONS

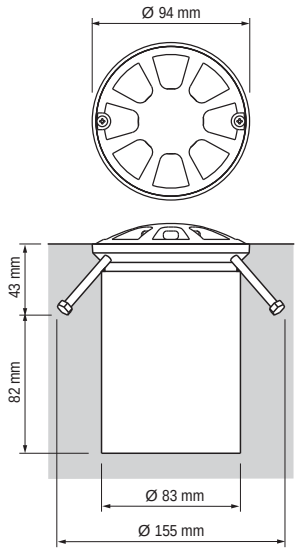
LED Source	LED 1 W [1] ☐ White (4300 K typical) ■ Warm white (3000 K typical) ■ Blue (470 nm) *Other colours by request*
IP Rating	IP68
Construction	316 marine grade stainless steel
Installation Types	Direct burial *Landscapes, etc.* Pre-installation blockout *Drive-over or other applications requiring pre-installation* (LS698-K)
Drive-over	With pre-installation blockout (LS698-K) and 8 aperture stainless steel model only
Static Load Rating	One aperture - 1000 kg Two aperture - 1000 kg Four aperture - 3300 kg Eight aperture - 4400 kg *Ratings are for stainless steel covers with pre-installation blockout LS698-K only*
Impact Rating	IK10 for 8 aperture model
Standard Inclusions	Integral driver with field intensity setting (page 242) **MicroAntiLeach™** cable entry 3 m cable
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	10 year structural, 1 year electrical
Accessories *Order separately*	**LS698-K** Pre-installation blockout
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files
Surface Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement

[1] Nominal power consumption only, actual power consumed may vary.



Direct Burial
Complete with 3 metre **MicroAntiLeach™** cable



Pre-installation
Complete with *LS698-K* pre-installation and 3 metre **MicroAntiLeach™** cable

CONFIGURE THIS PRODUCT ›

LS553LED → [ ] → **SS** → [ ] → [ ] → [ ] → [ ]

LED SOURCE		
Wattage	Colour	Code
1 W	White (4300 K typical)	1W4
	Warm white (3000 K typical)	1H6
	Blue (470 nm)	1B4

FINISH	
Type	Code
Stainless steel	SS

APERTURES	
Number	Code
One [1]	1
Two [1]	2
Four [1]	4
Eight [2]	8

[1] Not suitable for drive-over.
[2] Available with drive-over.

INSTALLATION TYPE	
Installation	Code
Direct burial	21
Pre-installation [1]	23

[1] Requires *LS698-K* - order separately.

SUPPLY VOLTAGE	
Voltage	Code
110-240 V AC 50/60 Hz	1
24 V DC or 12 V AC [1]	7

[1] Requires remote power supply or transformer - see page 239.

humantouch™ microantileach™ electropolish+™

1100 kg IP68 IK7 CE

The LS563LED is a marker light featuring a luminous surface with uniform brightness. A 3 W version is also available, suitable for uplighting applications requiring a beam of light. Constructed from 316 marine grade stainless steel, the luminaire features an **ElectroPolishPlus™** finish for enhanced appearance and corrosion protection.

SPECIFICATIONS

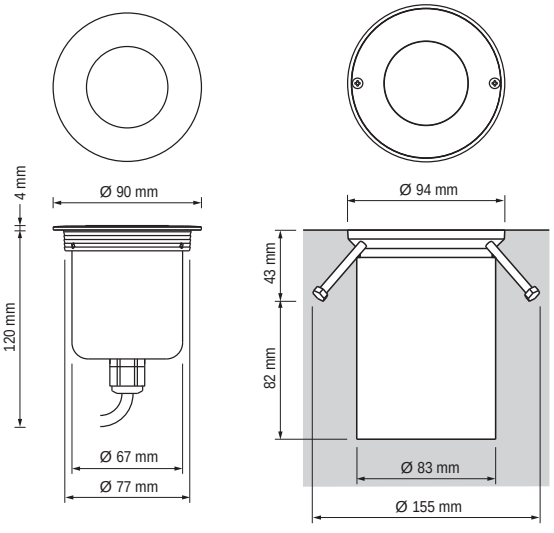
LED Source	LED 1 W or 3 W [1] □ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm) *Other colours by request* RGB (3 W only)
IP Rating	IP68
Construction	316 marine grade stainless steel
Installation Types	Direct burial *Landscapes, etc.* Pre-installation blockout *Drive-over or other applications requiring pre-installation* (LS698-K)
Drive-over	With pre-installation blockout (LS698-K) only
Static Load Rating	1100 kg with pre-installation blockout (LS698-K)
Impact Rating	IK7
Standard Inclusions	Integral driver with field intensity setting (page 242) **MicroAntiLeach™** cable entry
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	10 year structural, 1 year electrical
Accessories *Order separately*	**LS67501** remote RGB driver **LS698-K** pre-installation blockout
Photometrics	Refer to page 39
Glass Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement

[1] Nominal power consumption only, actual power consumed may vary.

LS563LED Vedi
1 W version with diffused lens

LS563LED Vedi
3 W version with clear lens



Direct Burial
Complete with 3 metre **MicroAntiLeach™** cable

Pre-installation
Complete with *LS698-K* pre-installation and 3 metre **MicroAntiLeach™** cable

CONFIGURE THIS PRODUCT ›

LS563LED → [ ] → SS → [ ] → [ ] → [ ]

LED SOURCE

Wattage	Colour	Code
1 W	White (4300 K typical)	1W4
	Warm white (3000 K typical)	1H6
	Blue (470 nm)	1B4
3 W	White (4300 K typical)	3W4
	Warm white (3000 K typical)	3H6
	Blue (470 nm)	3B4
	RGB [1]	3M4

[1] Remote RGB driver only, select voltage code R.

FINISH

Type	Code
Stainless steel	SS

OPTICAL SYSTEM

Beam		Code
Narrow [1]	14°	N
Medium	30°	M
Wide	40°	W

Beams not applicable with 1 W.

[1] Not available for RGB.

NOTE: Beam angle values are nominal.

INSTALLATION TYPE

Installation	Code
Direct burial	21
Pre-installation [1]	23

[1] Requires *LS698-K* - order separately.

SUPPLY VOLTAGE

Voltage	Code
110-240 V AC, 50/60 Hz	1
24 V DC or 12 V AC [1]	7
Remote RGB driver [2]	R

[1] Requires remote power supply or transformer - see page 239.
[2] RGB requires *LS67501* - order separately.

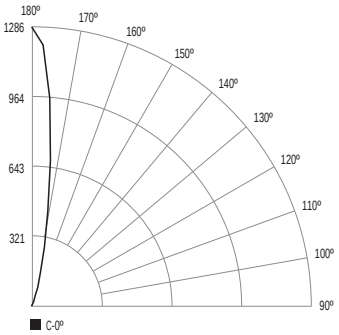
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

LS563LED 3 W
4300 K
14° Beam Angle

Power Input	3.5
Lumens	122
Efficacy	35 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0
140°	0	0	0	0	0	0	0
150°	3	3	3	3	3	3	2
160°	28	27	26	26	26	25	26
170°	415	411	407	404	401	399	398
180°	1286	1286	1286	1286	1286	1286	1286

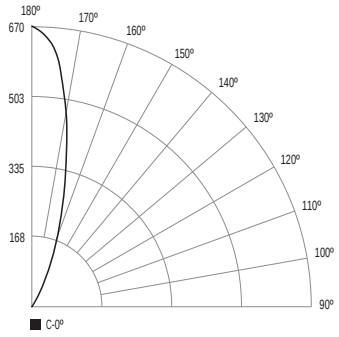
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	1286	28 cm
2	321	56 cm
3	143	83 cm
4	80	111 cm
5	51	139 cm

LS563LED 3 W
4300 K
30° Beam Angle

Power Input	3.5
Lumens	202
Efficacy	58 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	1	1	2	2	1	0	0
140°	13	15	17	17	13	9	7
150°	57	59	62	63	61	57	55
160°	204	206	209	210	207	203	195
170°	489	491	493	492	491	488	480
180°	670	670	670	670	670	670	670

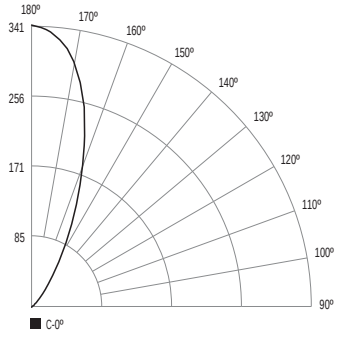
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	670	50 cm
2	168	100 cm
3	75	151 cm
4	42	201 cm
5	27	251 cm

LS563LED 3 W
4300 K
40° Beam Angle

Power Input	3.5
Lumens	199
Efficacy	57 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	3	2	1	0	0	0	0
130°	9	8	7	7	7	6	4
140°	29	26	26	27	26	25	21
150°	92	84	80	79	76	70	63
160°	210	202	194	189	180	170	158
170°	313	308	308	302	297	292	286
180°	341	341	341	341	341	341	341

Illuminance at Distance

m	Center Beam lx	Beam Ø
1	341	77 cm
2	85	154 cm
3	38	231 cm
4	21	308 cm
5	14	384 cm

humantouch™ microantileach™ electropolish+™

450 kg | IP68 | IK10 | CE

The LS9401LED and LS9403LED are small but versatile luminaires. The LS9401LED is fitted with an installation sleeve which can be cut to fit, allowing for a wide variety of custom installations. The LS9403LED comes with a pre-installation niche ideal for pathways, entrances and other outdoor applications. Constructed from 316 marine grade stainless steel these luminaires come with Lumascape's proprietary **ElectroPolishPlus**™ as standard on stainless steel finish.

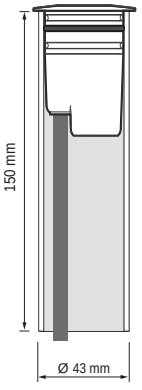
SPECIFICATIONS

LED Source	LED 2 W (1) ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm)
Control Signal	PWM *Optional for 24 V DC and 12 V AC versions*
IP Rating	IP68
Construction	316 marine grade stainless steel bezel
Installation Type	LS9401LED Installation sleeve *Supplied as standard* LS9403LED Pre-installation concrete blockout niche *Supplied as standard*
Static Load Rating	450 kg
Impact Rating	IK10
Standard Inclusions	Integral driver with field intensity setting (page 242) **OptiClear**™ **MicroAntiLeach**™ cable entry 2 m cable
Ambient Operating Temperature	-20 °C to 50 °C
Warranty	5 year structural, 3 year LED and driver
Accessories *Order separately*	**LS6125** 0-10 V dimmer system **LS6122** wall plate dimmer
Photometrics	Refer to page 41
Glass Temperature	**HumanTouch**™ compliant ≤65 °C

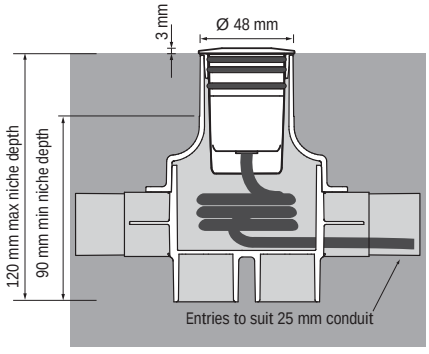
NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement

(1) Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.

LS9401LED & LS9403LED Vedita



LS9401LED
Installation Sleeve



LS9403LED
Pre-installation Concrete Blockout Niche

CONFIGURE THIS PRODUCT ›

Code	LED SOURCE Wattage	Colour	Code
LS9401LED LS9403LED	2 W	White (4300 K typical)	2W4
		Warm white (3000 K typical)	2H4
		Blue (470 nm)	2B4

FINISH Type	Code
Stainless steel	SS

OPTICAL SYSTEM Beam		Code
Narrow	11°	N
Medium	20°	M
Wide	35°	W
Linear (1)	10° x 45°	L
Flood		F

(1) Linear with wall wash filter creates a linear horizontal beam.

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE Voltage	Code
24 V DC or 12 V AC dimmable *0-10 V dimmer system* (1)	27

(1) Requires 4 wires to run luminaire and *LS6125* - order separately.

Options	Code
Standard	
Wall wash (1)	-W

(1) Not applicable with flood beam.

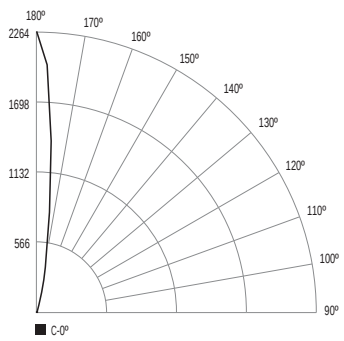
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

LS940LED Series 4300 K 10° Beam Angle

Power Input	2.7
Lumens	143
Efficacy	53 lm/W

Polar Candela Distribution



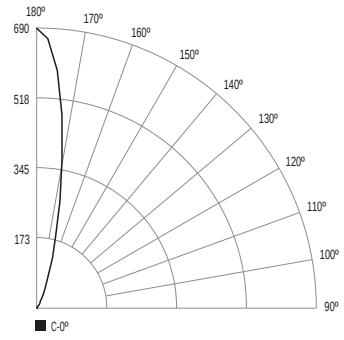
	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	1	1	1	1	1	1	1
130°	2	2	2	2	2	2	2
140°	4	4	4	4	4	4	4
150°	8	9	9	9	9	9	9
160°	36	35	32	31	30	30	29
170°	465	457	431	410	403	401	388
180°	2264	2264	2264	2264	2264	2264	2264

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	2264	20 cm
2	566	41 cm
3	252	61 cm
4	142	82 cm
5	91	102 cm

LS940LED Series 4300 K 20° Beam Angle

Power Input	2.8
Lumens	130
Efficacy	46 lm/W

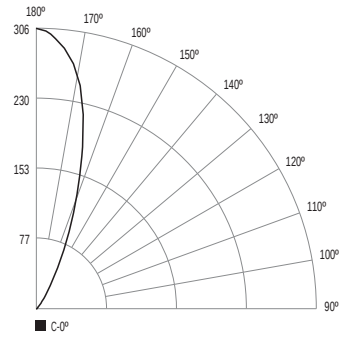


	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	1	1	1	1	1	1	1
120°	2	2	2	2	2	2	2
130°	3	3	3	3	3	3	3
140°	6	6	6	6	6	7	7
150°	18	19	19	20	20	21	21
160°	81	83	85	87	88	89	89
170°	359	364	366	368	370	370	369
180°	690	690	690	690	690	690	690

m	Center Beam lx	Beam Ø
1	690	36 cm
2	173	72 cm
3	77	108 cm
4	43	145 cm
5	28	181 cm

LS940LED Series 4300 K 35° Beam Angle

Power Input	2.8
Lumens	122
Efficacy	44 lm/W

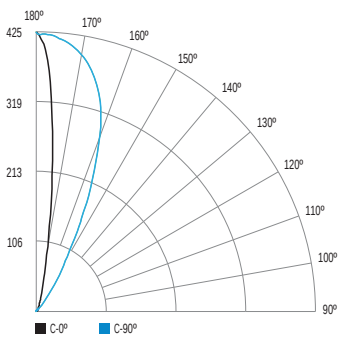


	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	1	1	1	1	1	1	1
120°	2	2	2	2	2	2	2
130°	4	4	4	4	4	4	4
140°	10	10	10	10	10	10	10
150°	39	39	38	38	37	36	35
160°	144	144	142	137	131	124	116
170°	263	263	263	263	262	258	252
180°	306	306	306	306	306	306	306

m	Center Beam lx	Beam Ø
1	306	59 cm
2	77	118 cm
3	34	177 cm
4	19	235 cm
5	12	294 cm

LS940LED Series 4300 K 10° x 45° Beam Angle

Power Input	2.9
Lumens	87
Efficacy	30 lm/W

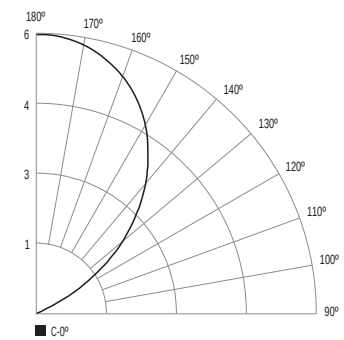


	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	1	3	4
140°	0	1	1	2	4	14	21
150°	3	3	4	6	23	67	96
160°	10	12	16	32	110	214	288
170°	87	98	127	184	284	358	397
180°	425	425	425	425	425	425	425

m	Center Beam lx	Beam W	Beam L
1	425	17 cm	82 cm
2	106	35 cm	166 cm
3	47	52 cm	248 cm
4	27	70 cm	331 cm
5	17	87 cm	402 cm

LS940LED Series 4300 K Flood

Power Input	2.9
Lumens	11
Efficacy	4 lm/W



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	1	1	1	1	1	1	1
130°	2	2	2	2	2	2	2
140°	3	3	3	3	3	3	3
150°	4	4	4	4	4	4	4
160°	5	5	5	5	5	5	5
170°	5	5	5	5	5	5	5
180°	6	6	6	6	6	6	6

m	Center Beam lx	Beam Ø
1	6.0	202 cm
2	1.5	404 cm
3	0.6	606 cm
4	0.4	807 cm
5	0.2	1009 cm

Wynnum Shore - Wynnum QLD, Australia
LS343 inground uplight luminaire

humantouch™ OPTIONAL · gripglass™ OPTIONAL · opticlear™ OPTIONAL · microantileach™ · pureOptics™ OPTIONAL

4200 kg · IP68 · IK10 · CE

The LS343 is a premium inground luminaire with outstanding performance. The housing is totally sealed and has a rating equivalent to submersion up to 10 m underwater. The glass surface is safe to touch when fitted with **HumanTouch™**. Re-lamping and re-sealing on site is simple and robust. The choice of lamps and accessories makes the LS343 suitable for most uplighting applications.

SPECIFICATIONS

Lamp Source	MH / HIT T6 (G12)	35 W, 70 W
	MH CDM-R111 (GX8.5)	35 W, 70 W
	MH PAR30 (E26 / E27 medium)	35 W, 70 W
	MH PAR38 (E26 / E27 medium)	70 W max
IP Rating	IP68	
Construction	316 marine grade stainless steel	
Installation Types	Direct burial *Landscapes, etc.*	
	Mounting collar *Decks and grates* (LS640)	
	Pre-installation blockout *Drive-over or other applications requiring pre-installation* (LS640-K)	
Drive-over	With **OptiClear™** lens and pre-installation blockout (LS640-K)	
Static Load Rating	4200 kg with **OptiClear™** lens and pre-installation blockout (LS640-K)	
Impact Rating	IK10 with **OptiClear™** lens	
Standard Inclusions	Teflon coated cover screws	
	MicroAntiLeach™ cable entry	
	Thermal cutout	
	Humidity absorbent desiccant	
Ambient Operating Temperature	-20 °C to 40 °C	
Warranty	10 year structural, 1 year electrical	
Accessories *Order separately*	Refer to pages 48-49	
Photometrics	Refer to page 50	
Glass Temperature	**HumanTouch™** compliant models ≤65 °C	
	MH / HIT T6	35 W, 70 W

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement

LS343 Recessed Cover
Metal halide lamp with **PureOptics™** reflector

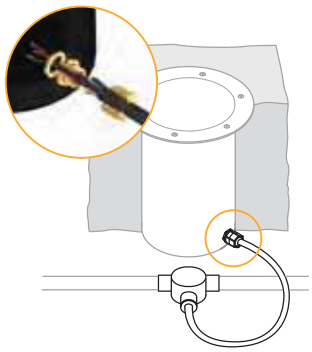
LS343 Round Flush Cover
Metal halide lamp with aluminium reflector

LS343 Pre-installation Round Flush Cover
Metal halide lamp with **PureOptics™** reflector

WHY USE DIRECT BURIAL

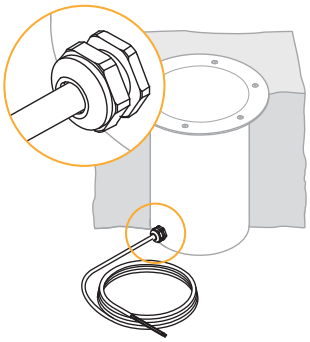
Direct burial installation is ideal for landscaping areas or in locations where the depth is restricted. This type of installation also allows for maximum heat dissipation. The stainless steel construction of the luminaire performs flawlessly in alkaline and acidic soil types, as well as chemically fertilised landscapes.

Cable Entry Option for Direct Burial



Armoured Cable & Junction Box

Armoured cable 0.6 m provides protection against damage to cable between luminaire and 3 way junction box (included). Allows for loop in /loop out and flexibility of luminaire placement.



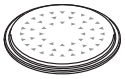
Single Gland Entry

MicroAntiLeach™ and 3 m flexible cable provide additional protection to luminaire against water ingress via cable.

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

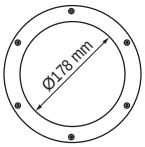
Ideal for general use areas. Not suitable for drive-over application.

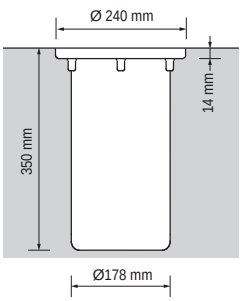
Cover Options for Direct Burial

Recessed Cover

- SS316: Polished
- SS316: Brushed

Use recessed cover for installation in soil, grass, pavers and other uneven surfaces where no cover overhang is desired.

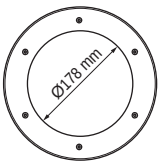


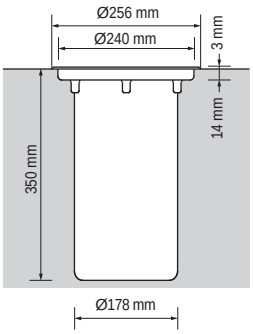


Round Flush Cover

- SS316: Polished
- SS316: Brushed

Use flush covers for installation in fine finished surfaces such as granite and marble. They can also be used in some suspended applications (decks, etc). The flush cover will conceal gaps between the luminaire and the surrounding surface.





CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Installation & Depth Code	Control Gear & Cable Entry Code	Supply Voltage Code
LS343								

SOURCE

Lamp	Wattage	Base	Code
MH / HIT T6	35 W	G12	223
	70 W	G12	221
MH / HIT T6 ECG (1)	35 W	G12	226
	70 W	G12	225
MH / PAR30 ECG (1)	35 W	E26 / E27 med.	226
	70 W	E26 / E27 med.	225
MH / PAR30	35 W	E26 / E27 med.	223
MH / PAR38	70 W	E26 / E27 med.	221
MH CDM-R111 (1)	35 W	GX8.5	226
	70 W	GX8.5	225

(1) Not compatible with installation type code 27.

ECG - Electronic Control Gear

OPTICAL SYSTEM

Description	Reflector	Beam		Code	
Adjustable	PureOptics™	Narrow	10°	AV	1
		Medium	20°	AW	1
		Flood	50°	AX	1
		Wide flood	60°	AY	1
Adjustable	Aluminium	Narrow	10°	XV	2
		Medium	30°	XW	2
		Flood	70°	XX	2
		Wide flood	140°	XY	2
Fixed (1)	Asymmetric aluminium wallwash	Very narrow		XQ	4
		Wide		XT	4
		Ultra wide		XP	4
Adjustable				AR	3
Adjustable				AJ	3

(1) Not compatible with installation type code 27.

1 2 3 4 These numbers refer to the compatible accessories tables on pages 48-49.

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	OptiClear™ with slip reduction glazing process	G
Borosilicate glass	Ideal for general use areas	X

INSTALLATION TYPE & DEPTH

Description	Depth	Code
Direct burial	350 mm	25
	290 mm	27

COVER

Description	Material	Finish	Code
Recessed cover	Stainless steel	Polished	B
		Brushed	H
Round flush cover	Stainless steel	Polished	D
		Brushed	I

CONTROL GEAR & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Integral	Side	N
	Bottom	Q
Remote	Side	P
	Bottom	R

Remote control gear not included - consult factory.

CABLE ENTRY

Description	Code
Armoured cable & J-box	81
Single gland entry, **MicroAntiLeach™**	84

SUPPLY VOLTAGE

Voltage	Code
240 V AC 50 Hz	1
220 V AC 50 Hz	3
220 V AC 60 Hz	5

Other voltage options available - consult factory.

WHY USE PRE-INSTALLATION BLOCKOUT

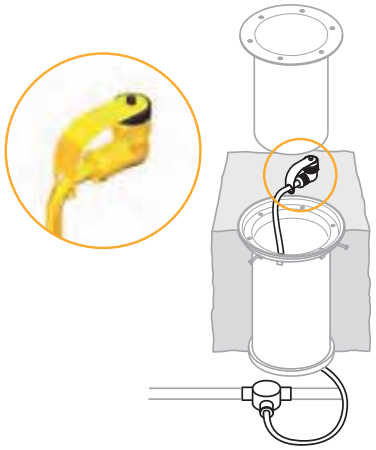
This type of installation requires the LS640-K pre-installation kit (order separately) which acts as a blockout, and is intended for installation before the luminaire. This method ensures the luminaire itself is not damaged during concreting or other site works, and also allows for all wiring to be completed prior to luminaire placement. Pre-installation also allows for off-site maintenance, via the detachable IP68 connector fitted on the luminaire housing.

The mating connector on the cable has a sealing cap which ensures water does not enter the cable before the installation is completed. Pre-installation is required for all drive-over applications.

WHY USE MOUNTING COLLARS

The LS640 mounting collar supports installation in decks and grates. They may also be used in hollow floors where there is appropriate ventilation.

Cable Entry Option for Pre-Installation & Mounting Collar



IP68 Connector & Junction Box

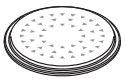
The luminaire is fitted with an IP68 connector, which attaches directly to the cable supplied with the LS640-K without the use of any tools. The cable is 0.56 m in length, and is factory assembled with a 3 way junction box.

LS640 mounting collars must use a single gland entry. *See page 44.*

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

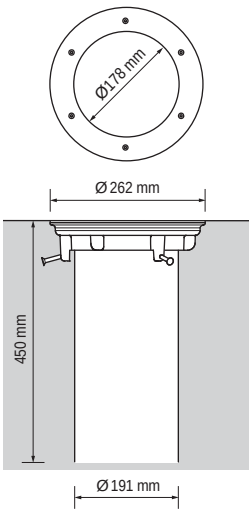
Ideal for general use areas. Not suitable for drive-over application.

Cover Options for Pre-Installation & Mounting Collar

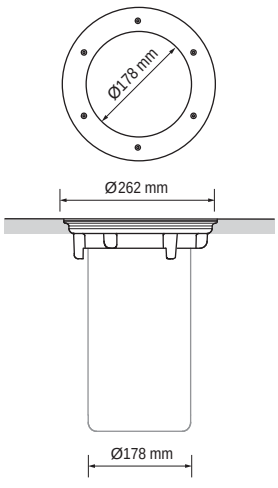
Round Flush Cover

- SS316: Polished
- SS316: Brushed

Flush covers for pre-installation use special seals and support bushes to ensure static loads up to 4200 kg are properly supported. In order to achieve this drive-over rating, **OptiClear™** or **GripGlass™** must be used.



LS640-K pre-installation blockout



LS640 mounting collar

CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Installation & Depth Code	Control Gear & Cable Entry Code	Supply Voltage Code
LS343								

SOURCE

Lamp	Wattage	Base	Code
MH / HIT T6	35 W	G12	223
	70 W	G12	221
MH / HIT T6 ECG [1]	35 W	G12	226
	70 W	G12	225
MH / PAR30 ECG [1]	35 W	E26 / E27 med.	226
	70 W	E26 / E27 med.	225
MH / PAR30	35 W	E26 / E27 med.	223
MH / PAR38	70 W	E26 / E27 med.	221
MH CDM-R111 [1]	35 W	GX8.5	226
	70 W	GX8.5	225

[1] Not compatible with installation type code 23.

ECG - Electronic Control Gear

OPTICAL SYSTEM

Description	Reflector	Beam	Code	
Adjustable	PureOptics™	Narrow 10°	AV	1
		Medium 20°	AW	1
		Flood 50°	AX	1
		Wide flood 60°	AY	1
Adjustable	Aluminium	Narrow 10°	XV	2
		Medium 30°	XW	2
		Flood 70°	XX	2
		Wide flood 140°	XY	2
Fixed [1]	Asymmetric aluminium wallwash	Very narrow	XQ	4
		Wide	XT	4
		Ultra wide	XP	4
Adjustable			AR	3
Adjustable			AJ	3

[1] Not compatible with installation type code 23.

1 2 3 4 These numbers refer to the compatible accessories tables on pages 48-49.

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	OptiClear™ with slip reduction glazing process	G
Borosilicate glass [1]	Ideal for general use areas	X

[1] Not suitable for drive-over

INSTALLATION TYPE & DEPTH

Description	Body Depth	Overall Depth	Code
Mounting collar [1]	350 mm	350 mm	21
Pre-installation [2]		450 mm	
Mounting collar [1]	290 mm	290 mm	23
Pre-installation [2]		450 mm	

[1] Requires *LS640* - order separately

[2] Requires *LS640-K* - order separately.

For other body depths consult factory.

COVER

Description	Material	Finish	Code
Round flush cover	Stainless steel	Polished	M
		Brushed	N

CONTROL GEAR & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Integral	Bottom	Q
Remote	Bottom	R

Remote control gear not included - consult factory.

CABLE ENTRY

Description	Code
Single gland entry, MicroAntiLeach™ [1]	84
IP68 connector & J-box [2]	85

[1] Mounting collar only.

[2] Pre-installation blockout only.

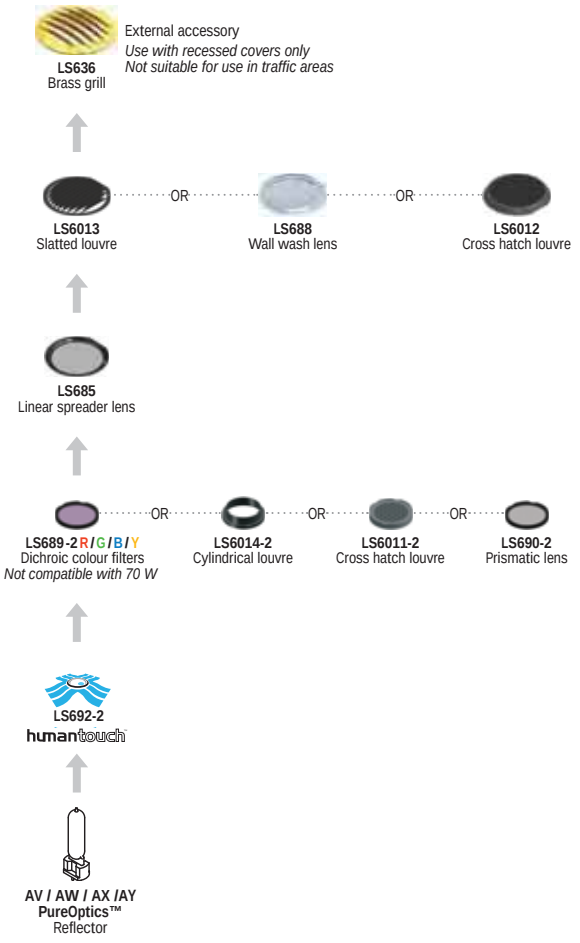
Supply Voltage

Voltage	Code
240 V AC 50 Hz	1
220 V AC 50 Hz	3
220 V AC 60 Hz	5

Other voltage options available - consult factory.

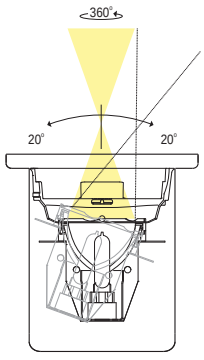
1 MH / HIT
Adjustable **PureOptics**™ Reflector
AV / AW / AX / AY

Stacking and order of accessories



Other accessory stacking options may be available - consult factory

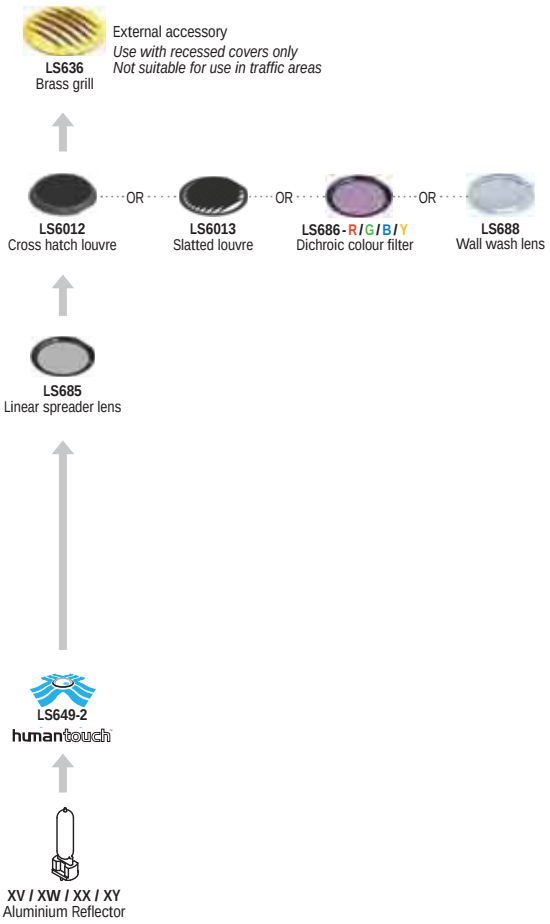
Cross section of gimbal assembly within luminaire body



AV / AW / AX /AY
PureOptics™ Reflector

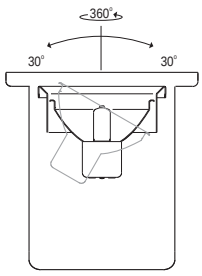
2 MH / HIT
Adjustable Aluminium Reflector
XV / XW / XX / XY

Stacking and order of accessories



Other accessory stacking options may be available - consult factory

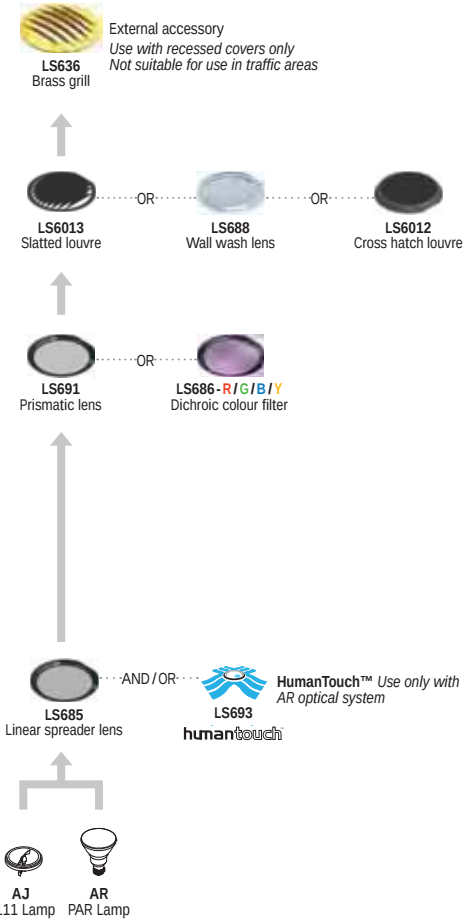
Cross section of gimbal assembly within luminaire body



XV / XW / XX / XY
Aluminium Reflector

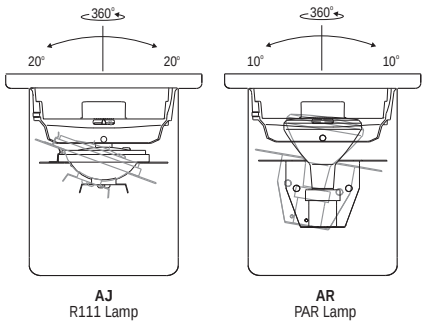
3 MH PAR30-38, MH CDM-R111
Adjustable R111 & PAR
AJ / AR

Stacking and order of accessories



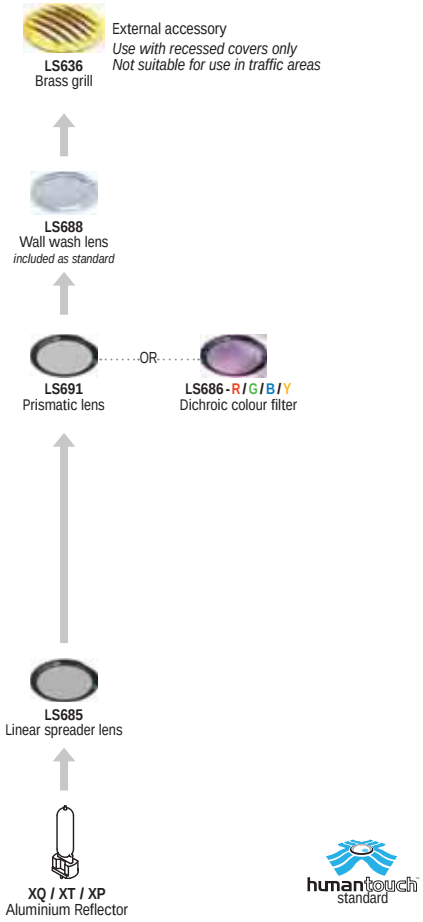
Other accessory stacking options may be available - consult factory

Cross section of gimbal assembly within luminaire body



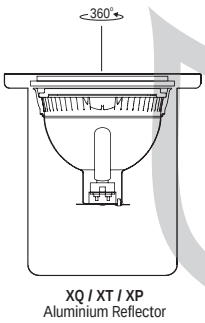
4 MH / HIT
Fixed Aluminium Reflector
XQ / XT / XP

Stacking and order of accessories



Other accessory stacking options may be available - consult factory

Cross section of gimbal assembly within luminaire body



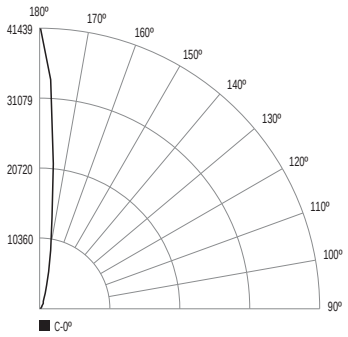
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.
For 35 W AV, AW, AX, and AY photometry, see LS853 data on page 58.

LS343 70 W MH
Narrow AV
10° Beam Angle

Power Input	76
Lumens	3188
Efficacy	42 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	2	2	2	1	1	2	2
140°	47	41	35	30	26	23	21
150°	505	499	481	467	453	428	403
160°	1642	1677	1669	1635	1568	1513	1496
170°	8804	8931	8879	8645	8357	8131	7989
180°	41439	41439	41439	41439	41439	41439	41439

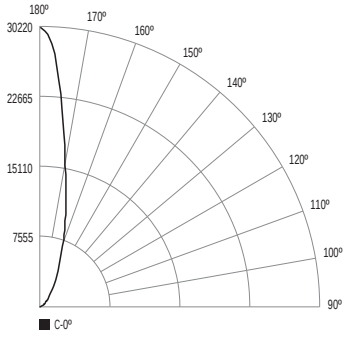
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	41439	17 cm
2	10360	34 cm
3	4604	51 cm
4	2590	68 cm
5	1658	85 cm

LS343 70 W MH
Medium AW
20° Beam Angle

Power Input	88.8
Lumens	3899
Efficacy	44 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	14	16	19	22	24	27	31
140°	45	47	53	65	74	84	99
150°	524	539	563	594	623	646	690
160°	1802	2151	2273	2355	2424	2476	2651
170°	8955	9615	9929	10105	10260	10462	10464
180°	30220	30220	30220	30220	30220	30220	30220

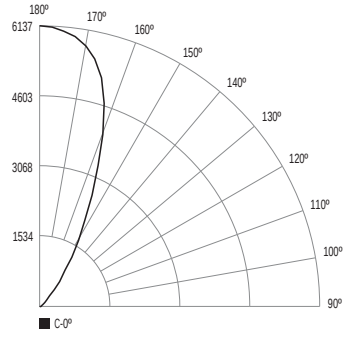
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	30220	23 cm
2	7555	47 cm
3	3358	70 cm
4	1889	93 cm
5	1209	117 cm

LS343 70 W MH
Flood AX
50° Beam Angle

Power Input	88.5
Lumens	4063
Efficacy	46 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	1	1	1	1	1	1	1
100°	1	1	1	1	1	1	1
110°	3	3	3	3	3	3	3
120°	11	11	11	11	11	11	11
130°	86	86	86	86	86	86	86
140°	491	491	491	491	491	491	491
150°	1674	1674	1674	1674	1674	1674	1674
160°	4006	4006	4006	4006	4006	4006	4006
170°	5781	5781	5781	5781	5781	5781	5781
180°	6137	6137	6137	6137	6137	6137	6137

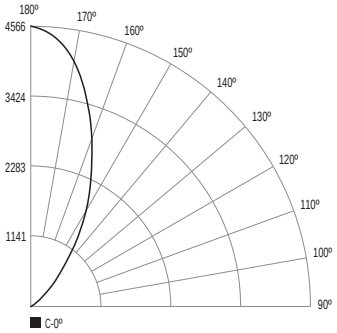
Illuminance at Distance

m	Center Beam lx	Beam Ø
1	6137	92 cm
2	1534	186 cm
3	682	278 cm
4	384	372 cm
5	245	466 cm

LS343 70 W MH
Wide Flood AY
60° Beam Angle

Power Input	76.5
Lumens	3695
Efficacy	48 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	4	4	4	5	5	6	7
130°	102	109	118	123	132	154	187
140°	637	655	686	710	743	791	836
150°	1696	1684	1704	1760	1800	1819	1832
160°	2881	2875	2909	2962	2967	2970	2998
170°	4031	4046	4068	4096	4122	4133	4154
180°	4566	4566	4566	4566	4566	4566	4566

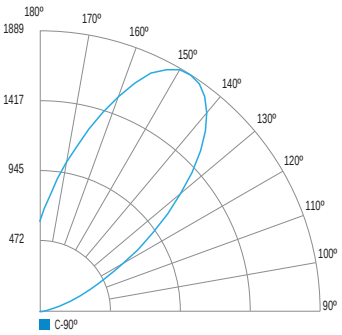
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	4566	96 cm
2	1141	192 cm
3	507	288 cm
4	285	384 cm
5	183	480 cm

LS343 70 W MH
Wide Flood AY
+ LS688 + LS685
20° tilt
60° Beam Angle

Power Input	76.9
Lumens	2181
Efficacy	28 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	13	18	9	6	2	0	0
110°	92	103	43	40	31	21	17
120°	200	123	79	91	94	78	68
130°	121	125	135	154	180	174	154
140°	181	186	200	234	268	274	259
150°	251	259	278	310	346	357	405
160°	338	345	356	376	398	428	526
170°	417	420	426	443	469	517	587
180°	609	609	609	609	609	609	609

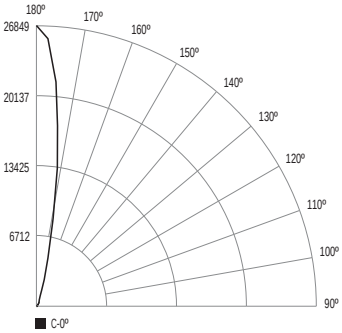
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	1317	86 cm
2	329	172 cm
3	146	259 cm
4	82	345 cm
5	53	431 cm

LS343 70 W MH
Medium XW
30° Beam Angle

Power Input	76.1
Lumens	3432
Efficacy	45 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	67	71	70	81	102	124	77
130°	200	196	175	146	127	133	124
140°	148	150	153	141	145	137	125
150°	513	509	503	502	504	495	490
160°	1231	1233	1244	1275	1318	1357	1393
170°	9555	9959	10483	10673	10903	11464	11867
180°	26849	26849	26849	26849	26849	26849	26849

Illuminance at Distance

m	Center Beam lx	Beam Ø
1	26849	29 cm
2	6712	57 cm
3	2983	86 cm
4	1678	114 cm
5	1074	143 cm

Suncorp Stadium - Brisbane QLD, Australia
LS343 inground uplight luminaire

humantouch™ OPTIONAL | gripglass™ OPTIONAL | opticlear™ OPTIONAL | microantileach™ | pureOptics™ OPTIONAL

4200 kg | IP68 | IK10 | CE

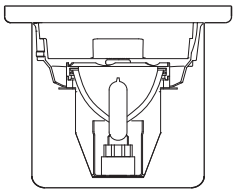
The LS853 is a full featured shallow depth inground luminaire that measures only 180 mm deep (in direct burial format). The LS853 is a premium inground luminaire with outstanding performance. The housing is totally sealed and has a rating equivalent to submersion up to 10 m underwater. The glass surface is safe to touch when fitted with **HumanTouch™**.

LED version see page 11.

SPECIFICATIONS

Lamp Source	MH / HIT T6 (G12) 35 W, 70 W *Remote control gear only*
IP Rating	IP68
Construction	316 marine grade stainless steel
Installation Types	Direct burial *Landscapes, etc.* Mounting collar *Decks and grates* (LS640) Pre-installation blockout *Drive-over or other applications requiring pre-installation* (LS6058-K)
Drive-over	With **OptiClear™** lens and pre-installation blockout
Static Load Rating	4200 kg with **OptiClear™** lens and pre-installation blockout
Impact Rating	IK10 with **OptiClear™** lens
Standard Inclusions	Teflon coated cover screws **MicroAntiLeach™** cable entry Thermal cutout Humidity absorbent desiccant
Ambient Operating Temperature	-20 °C to 40 °C
Warranty	10 year structural, 1 year electrical
Accessories *Order separately*	Refer to page 55 for direct burial Refer to page 57 for pre-installation
Photometrics	Refer to page 58
Glass Temperature	**HumanTouch™** compliant models ≤65 °C 35 W MH / HIT T6

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement



AV / AW / AX / AY
PureOptics™
Reflector

LS853 Recessed Cover
Metal halide with **PureOptics™** reflector

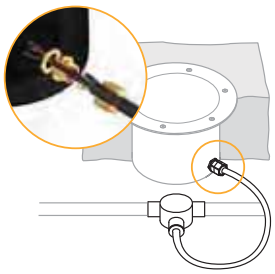
LS853 Round Flush Cover
Metal halide with **PureOptics™** reflector

LS853 Pre-installation Round Flush Cover
Metal halide with **PureOptics™** reflector

WHY USE DIRECT BURIAL

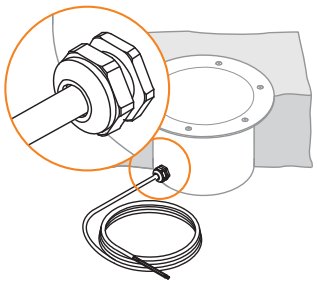
Direct burial installation is ideal for landscaping areas or in locations where the depth is restricted. This type of installation also allows for maximum heat dissipation. The stainless steel construction of the luminaire performs flawlessly in alkaline and acidic soil types, as well as chemically fertilised landscapes.

Cable Entry Option for Direct Burial



Armoured Cable & Junction Box

Armoured cable 0.6 m provides protection against damage to cable between luminaire and 3 way junction box (included). Allows for loop in/loop out and flexibility of luminaire placement.



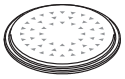
Single Gland Entry

MicroAntiLeach™ and 3 m flexible cable provide additional protection to luminaire against water ingress via cable.

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

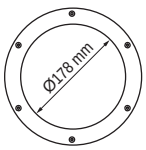
Ideal for general use areas. Not suitable for drive-over application.

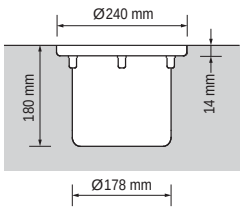
Cover Options for Direct Burial

Recessed Cover

- SS316: Polished
- SS316: Brushed

Use recessed cover for installation in soil, grass, pavers and other uneven surfaces where no cover overhang is desired.

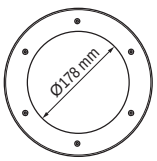


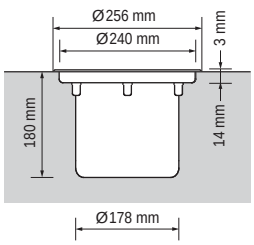


Round Flush Cover

- SS316: Polished
- SS316: Brushed

Use flush covers for installation in fine finished surfaces such as granite and marble. They can also be used in some suspended applications (decks, etc). The flush cover will conceal gaps between the luminaire and the surrounding surface.





CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Body Depth Code	Control Gear & Cable Entry Code	Supply Voltage Code
LS853						28		

SOURCE

Lamp	Wattage	Base	Code
MH / HIT T6	35 W	G12	223
	70 W	G12	221

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	**OptiClear™** with slip reduction glazing process	G
Borosilicate glass	Ideal for general use areas	X

COVER

Description	Material	Finish	Code
Recessed cover	Stainless steel	Polished	B
		Brushed	H
Round flush cover	Stainless steel	Polished	D
		Brushed	I

CABLE ENTRY

Description	Code
Armoured cable & J-box	81
Single gland entry, **MicroAntiLeach™**	84

OPTICAL SYSTEM

Description	Reflector	Beam		Code
Fixed	**PureOptics™**	Narrow	10°	AV
		Medium	20°	AW
		Flood	50°	AX
		Wide flood	60°	AY

INSTALLATION TYPE & BODY DEPTH

Description	Depth	Code
Direct burial	180 mm	28

CONTROL GEAR & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Remote	Side	P
	Bottom	R

Remote control gear not included - consult factory.

SUPPLY VOLTAGE

Voltage	Code
240 V AC 50 Hz	1
230 V AC 50 Hz	2
220 V AC 50 Hz	3
220 V AC 60 Hz	5

Other voltage options available - consult factory.

ACCESSORIES

Symmetrical Distribution

External accessory
Use with recessed covers only
Not suitable for use in traffic areas

LS636
Brass grill

Only compatible with one additional accessory below

LS6011-2
Cross hatch louvre

OR

LS690-2
Prismatic lens

LS6029-2
Linear spreader lens

OR

LS692-2
humantouch
With 35 W only

LS689-2-R/G/B/Y
Dichroic colour filters
Not compatible with 70 W

with
AV / AW / AX /AY
Reflector

OR

Wallwash Distribution

humantouch
With 35 W only

LS688
Wall wash lens

LS685
Linear spreader lens

with
AV / AW
Reflector

OR

Narrow/Medium with Cut-off Option

External accessory
Use with recessed covers only
Not suitable for use in traffic areas

LS636
Brass grill

LS6014-2
Cylindrical louvre

with
AV / AW
Reflector

Other accessory stacking options may be available - consult factory

WHY USE PRE-INSTALLATION BLOCKOUT

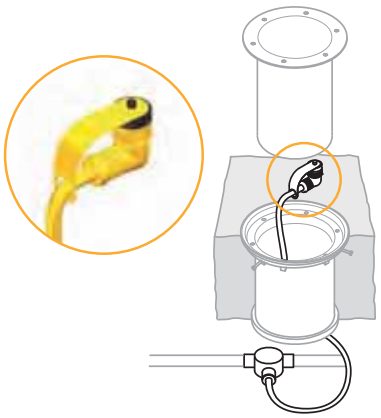
This type of installation requires the LS6058-K pre-installation kit (order separately) which acts as a blockout, and is intended for installation before the luminaire. This method ensures the luminaire itself is not damaged during concreting or other site works, and also allows for all wiring to be completed prior to luminaire placement. Pre-installation also allows for off-site maintenance, via the detachable IP68 connector fitted on the luminaire housing.

The mating connector on the cable has a sealing cap which ensures water does not enter the cable before the installation is completed. Pre-installation is required for all drive-over applications.

WHY USE MOUNTING COLLARS

The LS640 mounting collar supports installation in decks and grates. They may also be used in hollow floors where there is appropriate ventilation.

Cable Entry Option for Pre-Installation Blockout



IP68 Connector & Junction Box

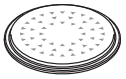
The luminaire is fitted with an IP68 connector, which attaches directly to the cable supplied with the LS6058-K without the use of any tools. The cable is 0.56 m in length, and is factory assembled with a 3 way junction box.

LS640 mounting collars must use a single gland entry. *See page 54.*

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

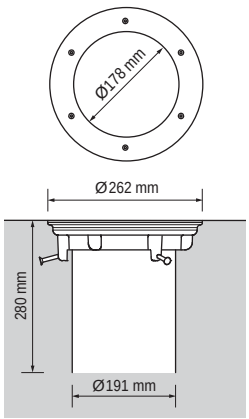
Ideal for general use areas. Not suitable for drive-over application.

Cover Options for Pre-Installation Blockout & Mounting Collar

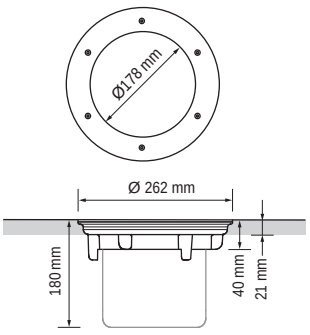
Round Flush Cover

- SS316: Polished
- SS316: Brushed

Flush covers for pre-installation use special seals and support bushes to ensure static loads up to 4200 kg are properly supported. In order to achieve this drive-over rating, **OptiClear™** or **GripGlass™** must be used.



LS6058-K pre-installation blockout



LS640 mounting collar

CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Body Depth Code	Control Gear & Cable Entry Code	Supply Voltage Code
LS853						29	R	

SOURCE

Lamp	Wattage	Base	Code
MH / HIT T6	35 W	G12	223
	70 W	G12	221

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	**OptiClear™** with slip reduction glazing process	G
Borosilicate glass (1)	Ideal for general use areas	X

(1) Not suitable for drive-over.

COVER

Description	Material	Finish	Code
Round flush cover	Stainless steel	Polished	M
		Brushed	N

CABLE ENTRY

Description	Code
Single gland entry, **MicroAntiLeach™** (1)	84
IP68 connector & J-box (2)	85

(1) Mounting collar only.
(2) Pre-installation blockout only.

OPTICAL SYSTEM

Description	Reflector	Beam		Code
Fixed	**PureOptics™**	Narrow	10°	AV
		Medium	20°	AW
		Flood	50°	AX
		Wide flood	60°	AY

INSTALLATION TYPE & BODY DEPTH

Description	Depth	Code
Mounting collar (1)	180 mm	29
Pre-installation (2)	280 mm	

(1) Requires *LS640* - order separately.
(2) Requires *LS6058-K* - order separately.
For other body depths consult factory.

CONTROL GEAR & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Remote	Bottom	R

Remote control gear not included - consult factory.

SUPPLY VOLTAGE

Voltage	Code
240 V AC 50 Hz	1
230 V AC 50 Hz	2
220 V AC 50 Hz	3
220 V AC 60 Hz	5

Other voltage options available - consult factory.

ACCESSORIES

Symmetrical Distribution

LS636 Brass grill — External accessory. *Use with recessed covers only. Not suitable for use in traffic areas*

Only compatible with one additional accessory below

LS6011-2 Cross hatch louvre

OR

LS690-2 Prismatic lens — **LS6029-2** Linear spreader lens

OR

LS692-2 humantouch *With 35 W only* — **LS689-2-R/G/B/Y** Dichroic colour filters *Not compatible with 70 W*

with **AV / AW / AX /AY** Reflector

OR

Wallwash Distribution

humantouch *With 35 W only*

LS688 Wall wash lens

LS685 Linear spreader lens

with **AV / AW** Reflector

OR

Narrow/Medium with Cut-off Option

LS636 Brass grill — External accessory. *Use with recessed covers only. Not suitable for use in traffic areas*

LS6014-2 Cylindrical louvre

with **AV / AW** Reflector

Other accessory stacking options may be available - consult factory

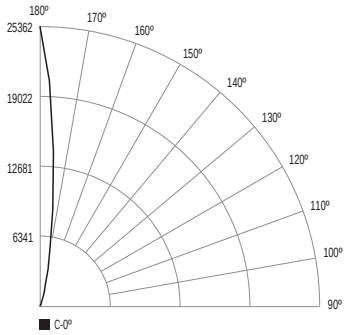
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.
For 70 W AV, AW, AX and AY photometry, see LS343 data on page 50.

LS853 35 W MH
Narrow AV
10° Beam Angle

Power Input	48.8
Lumens	1868
Efficacy	38 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0
140°	11	10	10	9	9	9	8
150°	241	227	217	234	245	241	240
160°	873	785	776	790	778	776	768
170°	4770	4684	4734	4914	5142	5355	5445
180°	25362	25362	25362	25362	25362	25362	25362

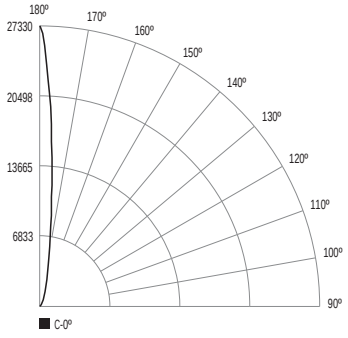
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	25362	16 cm
2	6341	32 cm
3	2818	47 cm
4	1585	63 cm
5	1014	79 cm

LS853 35 W MH
Medium AW
20° Beam Angle

Power Input	49.3
Lumens	2205
Efficacy	45 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	12	10	9	7	5	3	2
140°	52	38	28	21	18	15	15
150°	424	353	323	302	292	270	231
160°	1553	1271	976	944	943	795	705
170°	6213	5582	4834	4808	4976	4998	4900
180°	27330	27330	27330	27330	27330	27330	27330

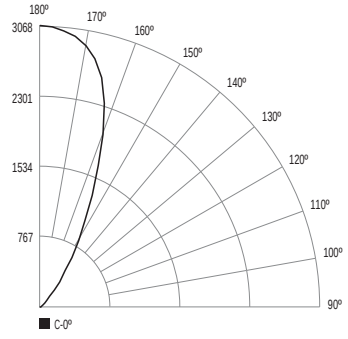
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	27330	18 cm
2	6833	36 cm
3	3037	55 cm
4	1708	73 cm
5	1093	91 cm

LS853 35 W MH
Flood AX
50° Beam Angle

Power Input	39
Lumens	2032
Efficacy	23 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	1	1	1	1	1	1	1
120°	5	5	5	5	5	5	5
130°	43	43	43	43	43	43	43
140°	246	246	246	246	246	246	246
150°	837	837	837	837	837	837	837
160°	2003	2003	2003	2003	2003	2003	2003
170°	2891	2891	2891	2891	2891	2891	2891
180°	3068	3068	3068	3068	3068	3068	3068

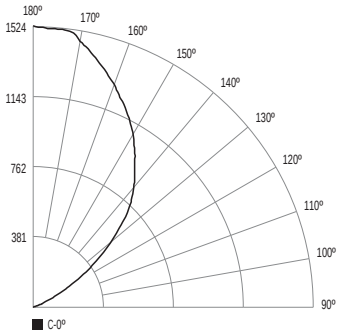
Illuminance at Distance

m	Center Beam lx	Beam Ø
1	3068	92 cm
2	767	186 cm
3	341	278 cm
4	192	372 cm
5	123	466 cm

LS853 35 W MH
Wide Flood AY
60° Beam Angle

Power Input	38.2
Lumens	1952
Efficacy	51 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	43	38	31	21	12	5	1
120°	226	217	187	148	107	69	42
130°	551	545	499	445	386	314	230
140°	850	840	827	796	749	676	574
150°	1083	1082	1074	1064	1047	1009	950
160°	1283	1291	1309	1316	1304	1268	1227
170°	1463	1465	1466	1470	1479	1469	1446
180°	1524	1524	1524	1524	1524	1524	1524

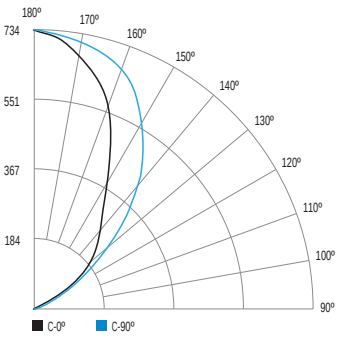
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	1524	143 cm
2	381	286 cm
3	169	429 cm
4	95	573 cm
5	61	716 cm

LS853 35 W MH
Wide Flood AY +
LS688 + LS685
60° Beam Angle

Power Input	44.1
Lumens	1263
Efficacy	29 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	58	87	67	60	58	32	16
100°	137	140	108	106	113	79	60
110°	124	142	146	148	177	133	150
120°	150	173	184	192	237	193	288
130°	179	196	199	232	278	383	460
140°	220	221	240	282	442	573	575
150°	287	293	343	532	610	625	656
160°	566	609	629	631	640	661	679
170°	685	678	678	688	693	699	707
180°	734	734	734	734	734	734	734

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	734	123 cm
2	184	245 cm
3	82	368 cm
4	46	491 cm
5	29	614 cm

humantouch™ OPTIONAL microantileach™

750 kg IP68 IK7 CE

The LS793 is a compact inground luminaire featuring a small aperture. The compact size allows the luminaire to be integrated into more places without appearing to dominate the architecture or landscape. For a superior wall wash effect, a factory set lamp tilt option is available delivering more light onto the desired surface.

LED version see page 34.

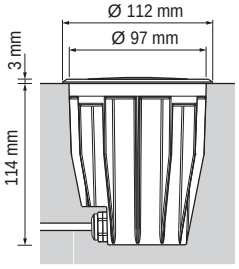
SPECIFICATIONS

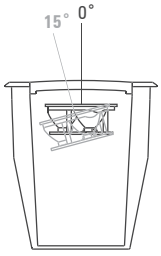
Lamp Source	Halogen MR11 / MR16 (GU5.3)	20 W max [1]
	MH MR16 (GX10) *Remote control gear only - see diagram*	20 W max [1]
	Halogen MR16 (GU10)	50 W max [1]
IP Rating	IP68	
Construction	316 marine grade stainless steel and die-cast brass	
Installation Type	Direct burial *Landscapes, etc.*	
Static Load Rating	750 kg	
Impact Rating	IK7	
Standard Inclusions	**MicroAntiLeach™** cable entry Internal glare control louvre	
Ambient Operating Temperature	-20 °C to +50 °C	
Warranty	5 year structural, 1 year electrical	
Accessories *Order separately*	**LS6056** honeycomb louvre (MR16 only)	
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files	
Glass Temperature	**HumanTouch™** compliant ≤65 °C MR11 / MR16 (GU5.3) 20 W	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

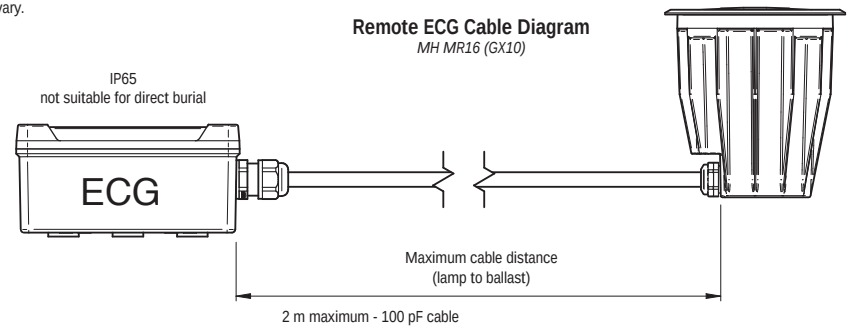
LS793





Tilt Angles
Factory set at 0° or 15°

Remote ECG Cable Diagram
MH MR16 (GX10)



2 m maximum - 100 pF cable
1 m maxiumum - 3-core cable with protective ground wire

CONFIGURE THIS PRODUCT ›

LS793 → [ ] → [ ]

SOURCE					TILT	
Lamp	Wattage	Base	Voltage	Code	Angle	Code
Halogen MR11 / MR16	20 W max	GU5.3	12 V AC 50 Hz [1]	293	0°	U
MH MR16	20 W max	GX10	Remote ECG [2]	296	15°	W
Halogen MR16	50 W max	GU10	240 V AC 50 Hz	253		

[1] Requires remote transformer - see page 239.
[2] Distance from lamp 1 m maximum. See diagram above.

humantouch™ gripglass™ OPTIONAL opticlear™ OPTIONAL microantileach™

4200 kg IP68 IK10 CE

The LS843 is a 20 W metal halide luminaire used for general uplighting applications. Available with wall wash lens, this luminaire is ideal for low level wall washing. Measuring only 180 mm deep in direct burial format, the LS843 is suitable for reduced depth applications where other integral gear luminaires cannot be used.

SPECIFICATIONS

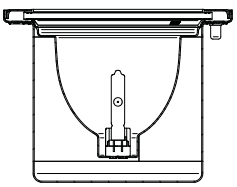
Lamp Source	MH / HIT T4.5 (G8.5) 20 W
IP Rating	IP68
Construction	316 marine grade stainless steel
Installation Types	Direct burial *Landscapes, etc.* Mounting collar *Decks and grates* Pre-installation blockout *Drive-over or other applications requiring pre-installation* (LS6052-K)
Drive-over	With **OptiClear™** lens and pre-installation blockout (LS6052-K)
Static Load Rating	4200 kg with **OptiClear™** lens and pre-installation blockout (LS6052-K)
Impact Rating	IK10 with **OptiClear™** lens
Standard Inclusions	Teflon coated cover screws **MicroAntiLeach™** cable entry Thermal cutout Electronic control gear Humidity absorbent desiccant
Ambient Operating Temperature	-20 °C to 40 °C
Warranty	10 year structural, 1 year electrical
Accessories *Order separately*	Refer to page 63 for direct burial Refer to page 65 for pre-installation
Photometrics	Refer to page 66
Glass Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS843 Recessed Cover
Metal halide with aluminium reflector

LS843 Round Flush Cover
Metal Halide with aluminium reflector

LS843 Pre-installation Round Flush Cover
Metal halide with aluminium reflector

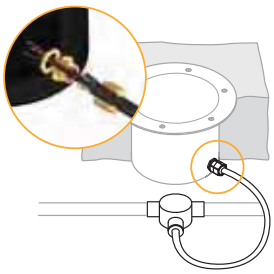


XJ / XK
Fixed Aluminium Reflector

WHY USE DIRECT BURIAL

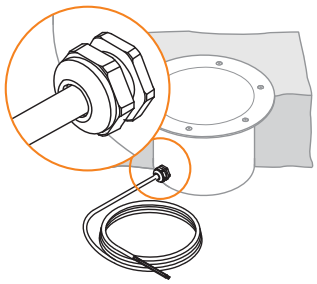
Direct burial installation is ideal for landscaping areas or in locations where the depth is restricted. This type of installation also allows for maximum heat dissipation. The stainless steel construction of the luminaire performs flawlessly in alkaline and acidic soil types, as well as chemically fertilised landscapes.

Cable Entry Option for Direct Burial



Armoured Cable & Junction Box

Armoured cable 0.6 m provides protection against damage to cable between luminaire and 3 way junction box (included). Allows for loop in/loop out and flexibility of luminaire placement.



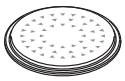
Single Gland Entry

MicroAntiLeach™ and 3 m flexible cable provide additional protection to luminaire against water ingress via cable.

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

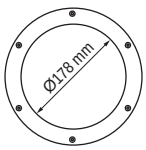
Ideal for general use areas. Not suitable for drive-over application.

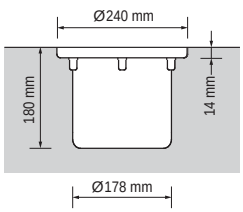
Cover Options for Direct Burial

Recessed Cover

- SS316: Polished
- SS316: Brushed

Use recessed cover for installation in soil, grass, pavers and other uneven surfaces where no cover overhang is desired.

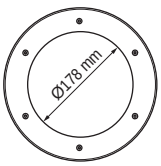


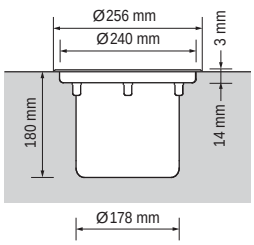


Round Flush Cover

- SS316: Polished
- SS316: Brushed

Use flush covers for installation in fine finished surfaces such as granite and marble. They can also be used in some suspended applications (decks, etc). The flush cover will conceal gaps between the luminaire and the surrounding surface.





CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Body Depth Code	Control Gear & Cable Entry Code	Supply Voltage Code
LS843	211					28		1

SOURCE

Lamp	Wattage	Base	Code
MH / HIT T4.5 ECG [1]	20 W	G8.5	211

[1] ECG - Electronic Control Gear.

OPTICAL SYSTEM

Description	Reflector	Beam	Code
Fixed	Aluminium	Medium	XJ
		Wall wash	XK

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	OptiClear™ with slip reduction glazing process	G
Borosilicate glass	Ideal for general use areas	X

INSTALLATION TYPE & BODY DEPTH

Description	Depth	Code
Direct burial	180 mm	28

For other body depths consult factory.

CONTROL GEAR & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Integral	Side	N
	Bottom	Q
Remote	Side	P
	Bottom	R

Remote electronic control gear not included - consult factory.

COVER

Description	Material	Finish	Code
Recessed cover	Stainless steel	Polished	B
		Brushed	H
Round flush cover	Stainless steel	Polished	D
		Brushed	I

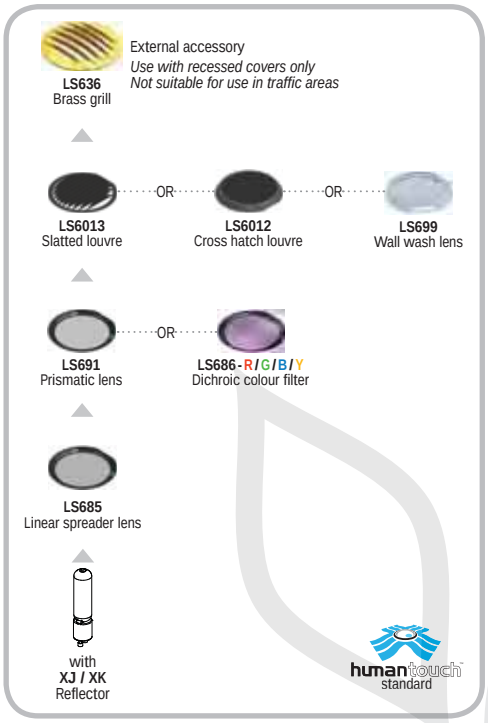
SUPPLY VOLTAGE

Voltage	Code
240 V AC 50 Hz	1

CABLE ENTRY

Description	Code
Armoured cable and J-box	81
Single gland entry, **MicroAntiLeach™**	84

ACCESSORIES



Other accessory stacking options may be available - consult factory

WHY USE PRE-INSTALLATION BLOCKOUT

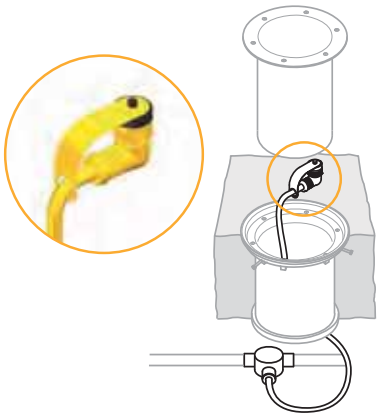
This type of installation requires the LS6052-K pre-installation kit (order separately) which acts as a blockout, and is intended for installation before the luminaire. This method ensures the luminaire itself is not damaged during concreting or other site works, and also allows for all wiring to be completed prior to luminaire placement. Pre-installation also allows for off-site maintenance, via the detachable IP68 connector fitted on the luminaire housing.

The mating connector on the cable has a sealing cap which ensures water does not enter the cable before the installation is completed. Pre-installation is required for all drive-over applications.

WHY USE MOUNTING COLLARS

The LS640 mounting collar supports installation in decks and grates. They may also be used in hollow floors where there is appropriate ventilation.

Cable Entry Option for Pre-Installation Blockout



IP68 Connector & Junction Box

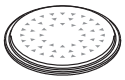
The luminaire is fitted with an IP68 connector, which attaches directly to the cable supplied with LS6052-K, without the use of any tools. The cable is 0.56 m in length, and is factory assembled with a 3 way junction box.

LS640 mounting collars must use a single gland entry. *See page 62.*

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

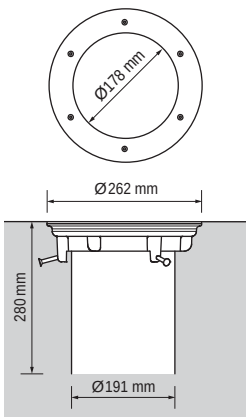
Ideal for general use areas. Not suitable for drive-over application.

Cover Options for Pre-Installation Blockout

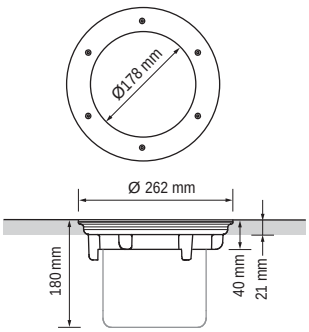
Round Flush Cover

- SS316: Polished
- SS316: Brushed

Flush covers for pre-installation use special seals and support bushes to ensure static loads up to 4200 kg are properly supported. In order to achieve this drive-over rating, **OptiClear™** or **GripGlass™** must be used.



LS6052-K pre-installation blockout



LS640 mounting collar

CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Body Depth Code	Control Gear & Cable Entry Code	Supply Voltage Code
LS843	211					29		1

SOURCE

Lamp	Wattage	Base	Code
MH / HIT T4.5 ECG (1)	20 W	G8.5	211

(1) ECG - Electronic Control Gear.

OPTICAL SYSTEM

Description	Reflector	Beam	Code
Fixed	Aluminium	Medium	XJ
		Wall wash	XK

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	OptiClear™ with slip reduction glazing process	G
Borosilicate glass (1)	Ideal for general use areas	X

(1) Not suitable for drive-over.

INSTALLATION TYPE & BODY DEPTH

Description	Depth	Code
Mounting collar (1)	180 mm	29
Pre-installation kit (2)	280 mm	

(1) Requires *LS640* - order separately.
(2) Requires *LS6052-K* - order separately.

For other body depths consult factory.

CONTROL GEAR & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Integral	Bottom	Q
Remote	Bottom	R

Remote electronic control gear not included - consult factory.

COVER

Description	Material	Finish	Code
Round flush cover	Stainless steel	Polished	M
		Brushed	N

CABLE ENTRY

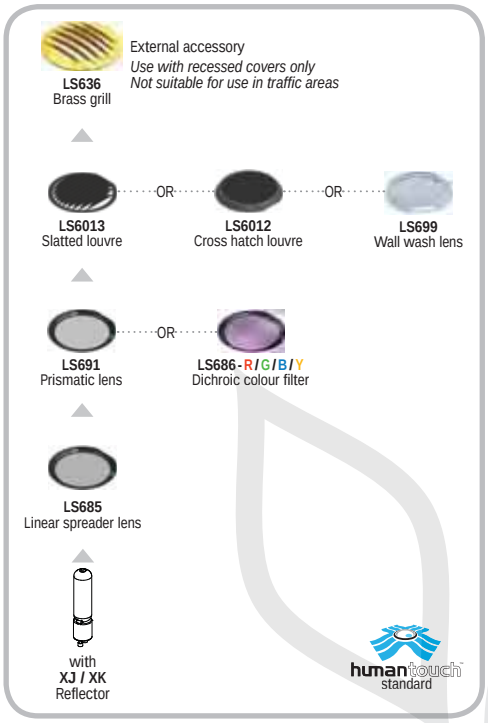
Description	Code
Single gland entry, **MicroAntiLeach™** (1)	84
IP68 connector & J-box (2)	85

(1) Mounting collar only.
(2) Pre-installation blockout only.

SUPPLY VOLTAGE

Voltage	Code
240 V AC 50 Hz	1

ACCESSORIES



Other accessory stacking options may be available - consult factory

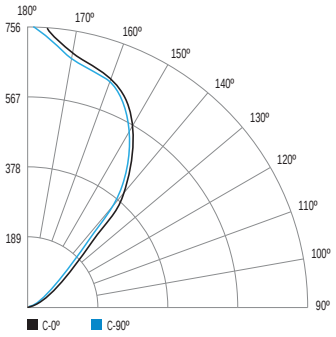
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

LS843 20 W MH Medium XJ

Power Input	25.4
Lumens	1030
Efficacy	55 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	5	6	6	7	7	8	9
120°	35	36	37	39	41	43	46
130°	103	106	109	112	116	121	127
140°	247	250	257	269	286	318	358
150°	481	469	480	499	514	527	538
160°	589	584	592	607	619	631	641
170°	650	653	657	664	673	682	687
180°	775	775	775	775	775	775	775

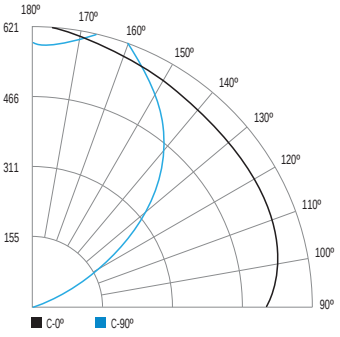
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	737	160 cm
2	184	319 cm
3	82	479 cm
4	46	638 cm
5	30	798 cm

LS843 20 W MH Wall Wash XK

Power Input	25.4
Lumens	864
Efficacy	34 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	9	8	8	5	3	0	0
110°	63	62	56	45	30	13	10
120°	172	185	163	122	83	43	28
130°	329	325	308	290	189	106	55
140°	457	444	437	405	356	250	114
150°	544	531	516	510	491	425	285
160°	621	593	567	561	554	537	473
170°	596	594	588	587	577	574	553
180°	585	585	585	585	585	585	585

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	573	124 cm
2	143	248 cm
3	64	371 cm
4	36	495 cm
5	23	619 cm

humantouch™ OPTIONAL gripglass™ OPTIONAL opticlear™ OPTIONAL microantileach™

1800 kg IP68 IK9 CE

The LS363 is an inground option now featuring 20 W metal halide technology. **HumanTouch™** is an important feature of this series, allowing placement in accessible areas. Adjustability of the reflector ensures light is delivered where it is required. The introduction of metal halide to this series now offers an attractive alternative to halogen in the same package size.

SPECIFICATIONS

Lamp Source	MH / HIT T4 (GU6.5)	20 W
	Halogen MR16 (GU5.3)	50 W max
	CFL / TC-T (GX24q-2)	18 W
	INC PAR30/38 (E26 / E27 medium)	75 W max
IP Rating	IP68	
Construction	316 marine grade stainless steel	
Installation Types	Direct burial *Landscapes, etc.*	
	Mounting collar *Decks and grates* (LS644)	
	Pre-installation blockout *Drive-over or other applications requiring pre-installation* (LS644-K)	
Drive-over	With **OptiClear™** lens and pre-installation blockout (LS644-K)	
Static Load Rating	1800 kg with **OptiClear™** lens and pre-installation blockout (LS644-K)	
Impact Rating	IK9 with **OptiClear™** lens	
Standard Inclusions	Teflon coated cover screws	
	MicroAntiLeach™ cable entry	
	Thermal cutout	
	Humidity absorbent desiccant	
Ambient Operating Temperature	MH / HIT T4	-20 °C to 40 °C
	Halogen MR16	-20 °C to 40 °C
	INC PAR30/38	-20 °C to 40 °C
	CFL / TC-T	0 °C to 40 °C
Warranty	10 year structural, 1 year electrical	
Accessories *Order separately*	Refer to pages 72-73	
Photometrics	Refer to page 74	
Glass Temperature	**HumanTouch™** compliant models ≤65 °C	
	MH / HIT T4	20 W
	Halogen MR16	50 W max
	CFL / TC-T	18 W

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS363 Recessed Cover
Halogen lamp with MR16 reflector

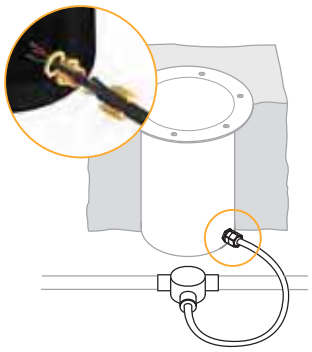
LS363 Round Flush Cover
Metal halide lamp with aluminium reflector

LS363 Pre-installation Round Flush Cover
Metal halide lamp with aluminium reflector

WHY USE DIRECT BURIAL

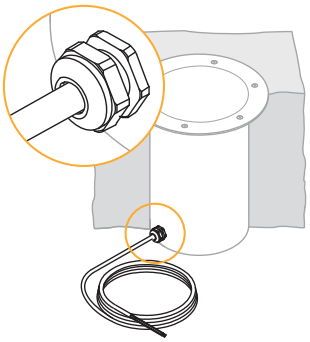
Direct burial installation is ideal for landscaping areas or in locations where the depth is restricted. This type of installation also allows for maximum heat dissipation. The stainless steel construction of the luminaire performs flawlessly in alkaline and acidic soil types, as well as chemically fertilised landscapes.

Cable Entry Option for Direct Burial



Armoured Cable & Junction Box

Armoured cable 0.6 m provides protection against damage to cable between luminaire and 3 way junction box (included). Allows for loop in/loop out and flexibility of luminaire placement.



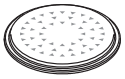
Single Gland Entry

MicroAntiLeach™ and 3 m flexible cable provide additional protection to luminaire against water ingress via cable.

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

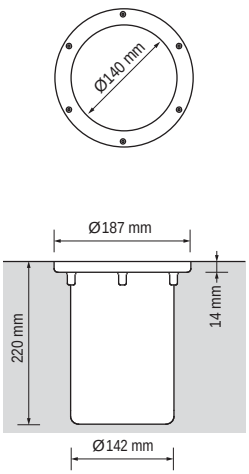
Ideal for general use areas. Not suitable for drive-over application.

Cover Options for Direct Burial

Recessed Cover

- SS316: Polished
- SS316: Brushed

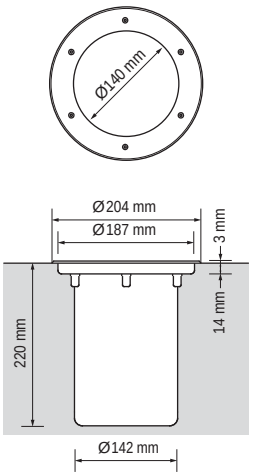
Use recessed cover for installation in soil, grass, pavers and other uneven surfaces where no cover overhang is desired.



Round Flush Cover

- SS316: Polished
- SS316: Brushed

Use flush covers for installation in fine finished surfaces such as granite and marble. They can also be used in some suspended applications (decks, etc). The flush cover will conceal gaps between the luminaire and the surrounding surface.



CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Body Depth Code	Control Gear & Cable Entry Code	Supply Voltage Code
LS363						21		

SOURCE

Lamp	Wattage	Base	Code
MH / HIT T4 ECG (1)	20 W	GU6.5	209
INC PAR30/38	75 W max	E26 / E27 medium	252
CFL / TC-TEL ECG (1)	18 W	GX24q-2	266
Halogen MR16	50 W max	GU5.3	292

(1) ECG - Electronic Control Gear.

OPTICAL SYSTEM

Description	Reflector	Beam		Code	
Adjustable	Aluminium	Narrow	10°	XV	1
		Medium	30°	XW	1
		Flood	55°	XX	1
		Wide flood	75°	XY	1
Adjustable	PAR30/38			XS	4
Fixed	Aluminium	Flood	140°	XL	3
Adjustable	MR16			XK	2

1 2 3 4 These numbers refer to the compatible accessories tables on pages 72-73.

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	**OptiClear™** with slip reduction glazing process	G
Borosilicate glass	Ideal for general use areas	X

INSTALLATION TYPE & BODY DEPTH

Description	Depth	Code
Direct burial	220 mm	21

For other body depths consult factory.

COVER

Description	Material	Finish	Code
Recessed cover	Stainless steel	Polished	B
		Brushed	H
Round flush cover	Stainless steel	Polished	D
		Brushed	I

CONTROL GEAR & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Integral	Side	N
	Bottom	Q
Remote	Side	P
	Bottom	R

Remote control gear not included - consult factory.

CABLE ENTRY

Description	Code
Armoured cable and J-box	81
Single gland entry, **MicroAntiLeach™**	84

SUPPLY VOLTAGE

Voltage	Code
220-240 V 50/60 Hz	1
12 V AC 50 Hz (1)	7

(1) Halogen MR16 only (code 292). Requires remote transformer - see page 239.

WHY USE PRE-INSTALLATION BLOCKOUT

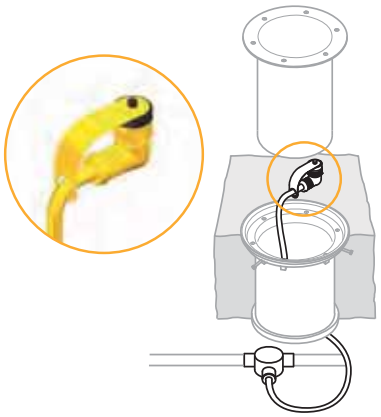
This type of installation requires the LS644-K pre-installation kit (order separately) which acts as a blockout, and is intended for installation before the luminaire. This method ensures the luminaire itself is not damaged during concreting or other site works, and also allows for all wiring to be completed prior to luminaire placement. Pre-installation also allows for off-site maintenance, via the detachable IP68 connector fitted on the luminaire housing.

The mating connector on the cable has a sealing cap which ensures water does not enter the cable before the installation is completed. Pre-installation is required for all drive-over applications.

WHY USE MOUNTING COLLARS

The LS644 mounting collar supports installation in decks and grates. They may also be used in hollow floors where there is appropriate ventilation.

Cable Entry Option for Pre-Installation Blockout



IP68 Connector & Junction Box

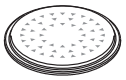
The luminaire is fitted with an IP68 connector, which attaches directly to the cable supplied with LS644-K, without the use of any tools. The cable is 0.56 m in length, and is factory assembled with a 3 way junction box.

LS644 mounting collars must use a single gland entry. *See page 68.*

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

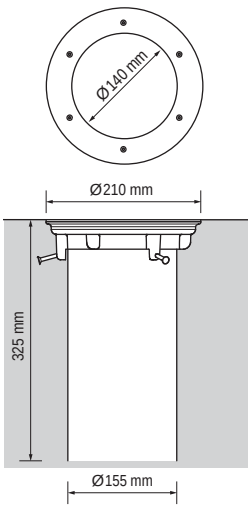
Ideal for general use areas. Not suitable for drive-over application.

Cover Options for Pre-Installation Blockout

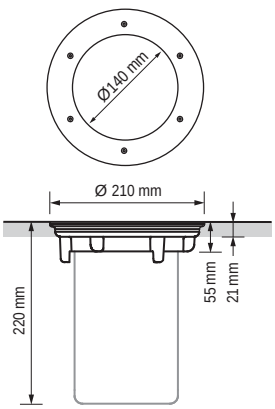
Round Flush Cover

- SS316: Polished
- SS316: Brushed

Flush covers for pre-installation use special seals and support bushes to ensure static loads up to 1800 kg are properly supported. In order to achieve this drive-over rating, **OptiClear™** or **GripGlass™** must be used.



LS644-K pre-installation blockout



LS644 mounting collar

CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Body Depth Code	Control Gear & Cable Entry Code	Supply Voltage Code
LS363						23		

SOURCE

Lamp	Wattage	Base	Code
MH / HIT T4 ECG (1)	20 W	GU6.5	209
INC PAR30/38	75 W max	E26 / E27 medium	252
CFL / TC-TEL ECG (1)	18 W	GX24q-2	266
Halogen MR16	50 W max	GU5.3	292

(1) ECG - Electronic Control Gear

OPTICAL SYSTEM

Description	Reflector	Beam		Code	
Adjustable	Aluminium	Narrow	10°	XV	1
		Medium	30°	XW	1
		Flood	55°	XX	1
		Wide flood	75°	XY	1
Adjustable	PAR30/38			XS	4
Fixed	Aluminium	Flood	140°	XL	3
Adjustable	MR16			XK	2

1 2 3 4 These numbers refer to the compatible accessories tables on pages 72-73.

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	**OptiClear™** with slip reduction glazing process	G
Borosilicate glass (1)	Ideal for general use areas	X

(1) Not suitable for drive-over.

INSTALLATION TYPE & BODY DEPTH

Description	Depth	Code
Mounting collar (1)	220 mm	23
Pre-installation (2)	325 mm	

(1) Requires *LS644* - order separately.
(2) Requires *LS644-K* - order separately.
For other body depths consult factory.

COVER

Description	Material	Finish	Code
Round flush cover	Stainless steel	Polished	M
		Brushed	N

CONTROL GEAR & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Integral	Bottom	Q
Remote	Bottom	R

Remote control gear not included - consult factory.

CABLE ENTRY

Description	Code
Single gland entry, **MicroAntiLeach™** (1)	84
IP68 connector & J-box (2)	85

(1) Mounting collar only.
(2) Pre-installation blockout only.

SUPPLY VOLTAGE

Voltage	Code
220-240 V 50/60 Hz	1
12 V AC 50 Hz (1)	7

(1) Halogen MR16 only (code 292). Requires remote transformer - see page 239.

1 MH / HIT
Adjustable Aluminium Reflector
XV / XW / XX / XY

Stacking and order of accessories

LS645
Brass grill

External accessory
Use with recessed covers only
Not suitable for use in traffic areas

LS6067
Concentric louvre

LS6064-R/G/B/Y
Dichroic colour filter

OR

LS6065
Linear spreader lens

OR

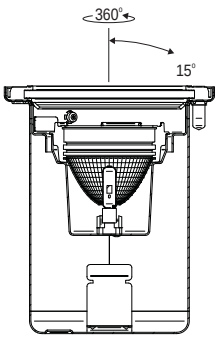
LS6066
Prismatic lens

with
XV / XW / XX / XY
Reflector

humantouch standard

Other accessory stacking options may be available - consult factory

Cross section of gimbal assembly within luminaire body



XV / XW / XX / XY
Adjustable Aluminium
Reflector

2 Halogen MR16
Adjustable MR16 Gimbal
XK

Stacking and order of accessories

LS645
Brass grill

External accessory
Use with recessed covers only
Not suitable for use in traffic areas

HumanTouch™
Only one HumanTouch™ accessory is required

LS664
humantouch
Borosilicate lens only

LS6016
humantouch
OptiClear™ & GripGlass™
lens only

OR

LS646
Cross hatch louvre

OR

LS667
Frosted filter

LLLS
Linear spreader lens

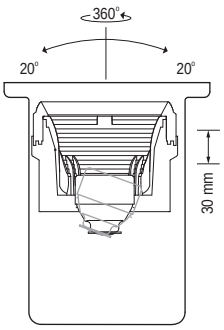
OR

LS643-R/G/B/Y
Dichroic colour filter

XK

Other accessory stacking options may be available - consult factory

Cross section of gimbal assembly within luminaire body



XK
Adjustable MR16
Gimbal

3 CFL / TC-T
Fixed Aluminium Reflector
XL

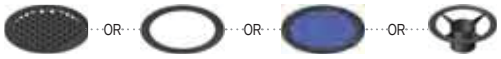
Stacking and order of accessories

External accessory
Use with recessed covers only
Not suitable for use in traffic areas

LS645
Brass grill

HumanTouch™
Only one HumanTouch™ accessory is required

LS664
humantouch
Borosilicate lens only



LS646
Cross hatch louvre

OR

LS667
Frosted filter

OR

LS694-R/G/B/Y
Dichroic colour filter

OR

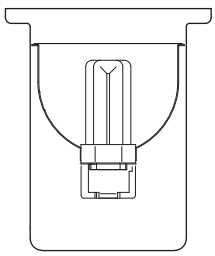
LS677
CFL glare shield

LS6016
humantouch
OptiClear™ & GripGlass™
lens only

with
XL
Reflector

Other accessory stacking options may be available - consult factory

Cross section of gimbal assembly within luminaire body



XL
Fixed Aluminium
Reflector

4 INC PAR30/38
Fixed PAR Lamp
XS

Stacking and order of accessories

External accessory
Use with recessed covers only
Not suitable for use in traffic areas

LS645
Brass grill

LS646
Cross hatch louvre

OR

LS667
Frosted filter

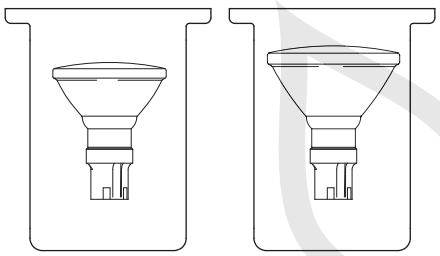
OR

LS694-R/G/B/Y
Dichroic colour filter

XS

Other accessory stacking options may be available - consult factory

Cross section of gimbal assembly within luminaire body



XS
Fixed PAR30 Lamp

XS
Fixed PAR38 Lamp

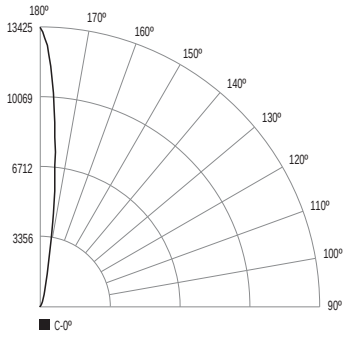
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

LS363 20 W MH
Narrow XV
10° Beam Angle

Power Input	25.6
Lumens	1042
Efficacy	41 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0
140°	3	4	6	7	8	9	9
150°	59	74	86	98	108	110	105
160°	360	361	358	353	356	359	369
170°	2927	2672	2560	2615	2652	2964	3163
180°	13425	13425	13425	13425	13425	13425	13425

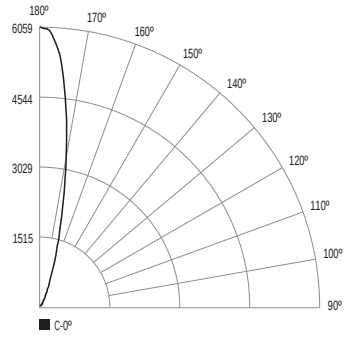
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	13425	22 cm
2	3357	45 cm
3	1492	67 cm
4	839	90 cm
5	537	112 cm

LS363 20 W MH
Medium XW
30° Beam Angle

Power Input	25.6
Lumens	938
Efficacy	37 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0
140°	11	10	10	10	11	11	12
150°	130	111	101	97	101	97	97
160°	525	497	476	460	452	450	450
170°	2597	2503	2411	2359	2336	2337	2345
180°	6059	6059	6059	6059	6059	6059	6059

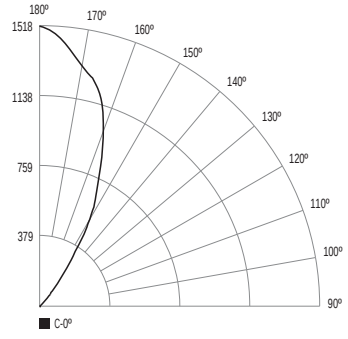
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	6059	33 cm
2	1515	67 cm
3	673	100 cm
4	379	134 cm
5	242	167 cm

LS363 20 W MH
Flood XX
55° Beam Angle

Power Input	25.6
Lumens	955
Efficacy	37 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	1	1	2	2	3
140°	37	42	52	65	78	93	109
150°	442	439	445	442	446	442	437
160°	968	964	973	973	958	933	901
170°	1415	1409	1394	1372	1347	1320	1287
180°	1518	1518	1518	1518	1518	1518	1518

Illuminance at Distance

m	Center Beam lx	Beam Ø
1	1518	87 cm
2	380	174 cm
3	169	261 cm
4	95	348 cm
5	61	0 cm

humantouch™ OPTIONAL grip glass™ OPTIONAL opticlear™ OPTIONAL microantileach™

3750 kg IP68 IK9 CE

The LS393 is a compact inground option, utilising 12 V Halogen MR16 lamps up to 35 W or 6 W LED. **HumanTouch™** is an important feature of this series, allowing placement in accessible areas. Adjustability of the lamp ensures light can be delivered where it is required. This model is also available with an 6 W LED array and integrated power supply, making it ideal for applications where line voltage supply is required.

LED version see page 27.

SPECIFICATIONS

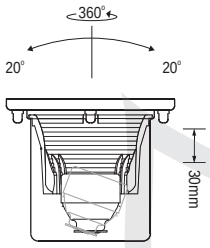
Lamp Source	Halogen MR16 IRC (GU5.3)	35 W max
IP Rating	IP68	
Construction	316 marine grade stainless steel	
Installation Types	Direct burial *Landscapes, etc.* Mounting collar *Decks and grates* (LS647) Pre-installation blockout *Drive-over or other applications requiring pre-installation* (LS647-K)	
Drive-over	With **OptiClear™** lens and pre-installation blockout (LS647-K)	
Static Load Rating	3750 kg with **OptiClear™** lens and pre-installation blockout (LS647-K)	
Impact Rating	IK9 with **OptiClear™** lens	
Standard Inclusions	Teflon coated cover screws **MicroAntiLeach™** cable entry Thermal cutout Internal glare control louvre Humidity absorbent desiccant	
Ambient Operating Temperature	-20 °C to 40 °C	
Warranty	10 year structural, 1 year electrical	
Accessories *Order separately*	Refer to page 77 for direct burial Refer to page 79 for pre-installation	
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files	
Glass Temperature	**HumanTouch™** compliant ≤65 °C	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS393 Recessed Flush Cover

LS393 Round Flush Cover

LS393 Pre-installation Round Flush Cover

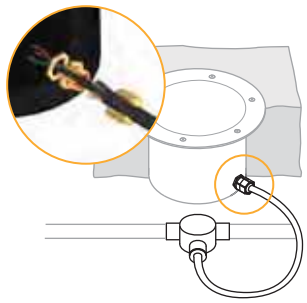


XK
MR16 Reflector

WHY USE DIRECT BURIAL

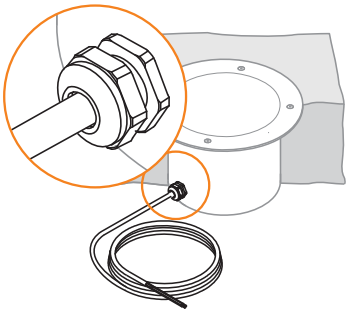
Direct burial installation is ideal for landscaping areas or in locations where the depth is restricted. This type of installation also allows for maximum heat dissipation. The stainless steel construction of the luminaire performs flawlessly in alkaline and acidic soil types, as well as chemically fertilised landscapes.

Cable Entry Option for Direct Burial



Armoured Cable MC & Junction Box

Armoured cable 0.6 m provides protection against damage to cable between luminaire and 3 way junction box (included). Allows for loop in/loop out and flexibility of luminaire placement.



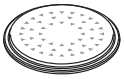
Single Gland Entry

MicroAntiLeach™ and 3 m flexible cable provide additional protection to luminaire against water ingress via cable.

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

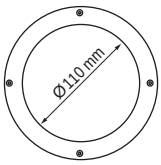
Ideal for general use areas. Not suitable for drive-over application.

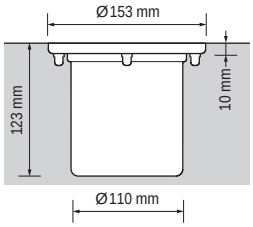
Cover Options for Direct Burial

Recessed Cover

- SS316: Polished
- SS316: Brushed

Use recessed cover for installation in soil, grass, pavers and other uneven surfaces where no cover overhang is desired.

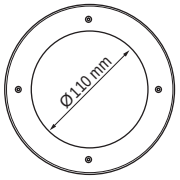


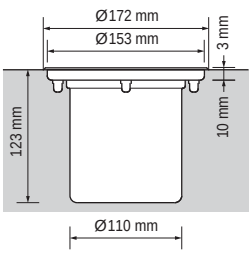


Round Flush Cover

- SS316: Polished
- SS316: Brushed

Use flush covers for installation in fine finished surfaces such as granite and marble. They can also be used in some suspended applications (decks, etc). The flush cover will conceal gaps between the luminaire and the surrounding surface.





CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Body Depth Code	Control Gear & Cable Entry Code	Supply Voltage Code
LS393	295				XK	21		7

SOURCE

Lamp	Wattage	Base	Code
Halogen MR16	35 W IRC	GU5.3	295

OPTICAL SYSTEM

Description	Code
Adjustable	XK

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	**OptiClear™** with slip reduction glazing process	G
Borosilicate Glass	Ideal for general use areas	X

INSTALLATION TYPE & BODY DEPTH

Description	Depth	Code
Direct burial	123 mm	21

CONTROL GEAR & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Remote	Side	P
	Bottom	R

Remote transformer not included - consult factory.

COVER

Description	Material	Finish	Code
Recessed Cover	Stainless steel	Polished	B
		Brushed	H
Round Flush Cover	Stainless steel	Polished	D
		Brushed	I

SUPPLY VOLTAGE

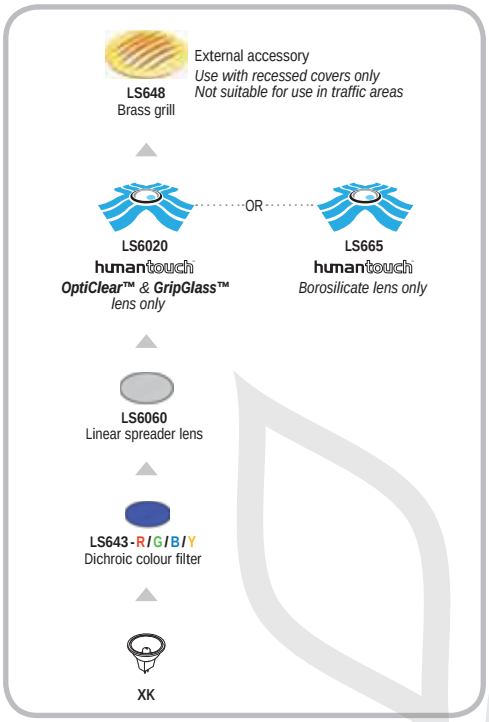
Voltage	Code
12 V AC 50 Hz [1]	7

[1] Requires remote transformer - see page 239.

CABLE ENTRY

Description	Code
Armoured cable & J-box	81
Single gland entry, **MicroAntiLeach™**	84

ACCESSORIES



Other accessory stacking options may be available - consult factory

WHY USE PRE-INSTALLATION BLOCKOUT

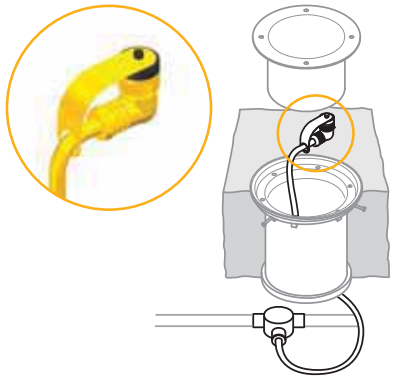
This type of installation requires the LS647-K pre-installation kit (order separately) which acts as a blockout, and is intended for installation before the luminaire. This method ensures the luminaire itself is not damaged during concreting or other site works, and also allows for all wiring to be completed prior to luminaire placement. Pre-installation also allows for off-site maintenance, via the detachable IP68 connector fitted on the luminaire housing.

The mating connector on the cable has a sealing cap which ensures water does not enter the cable before the installation is completed. Pre-installation is required for all drive-over applications.

WHY USE MOUNTING COLLARS

The LS647 mounting collar supports installation in decks and grates. They may also be used in hollow floors where there is appropriate ventilation.

Cable Entry Option for Pre-Installation Blockout



IP68 Connector & Junction Box

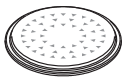
The luminaire is fitted with an IP68 connector, which attaches directly to the cable supplied with LS647-K without the use of any tools. The cable is 0.56 m in length, and is factory assembled with a 3 way junction box.

LS647 mounting collars must use a single gland entry. *See page 76.*

Lens Options

OptiClear™ Glass

Glass of very high optical purity and load strength. Suitable for drive-over applications.



GripGlass™

OptiClear™ glass with slip reduction glazing process. Suitable for drive-over applications.

Borosilicate Glass

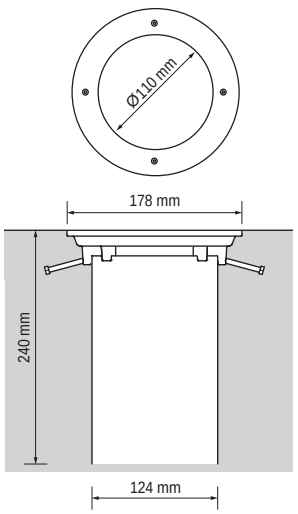
Ideal for general use areas. Not suitable for drive-over application.

Cover Options for Pre-Installation Blockout

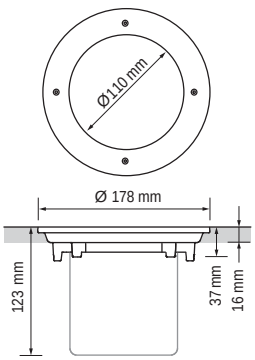
Round Flush Cover

- SS316: Polished
- SS316: Brushed

Flush covers for pre-installation use special seals and support bushes to ensure static loads up to 4200 kg are properly supported. In order to achieve this drive-over rating, **OptiClear™** or **GripGlass™** must be used.



LS647-K pre-installation blockout



LS647 mounting collar

CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Body Depth Code	Control Gear & Cable Entry Code	Supply Voltage Code
LS393	295				XK	23	R	7

SOURCE

Lamp	Wattage	Base	Code
Halogen MR16	35 W IRC	GU5.3	295

OPTICAL SYSTEM

Description	Code
Adjustable	XK

LENS

Description		Code
OptiClear™	Very high optical purity and load strength	A
GripGlass™	**OptiClear™** with slip reduction glazing process	G
Borosilicate Glass [1]	Ideal for general use areas	X

[1] Not suitable for drive-over.

INSTALLATION TYPE & BODY DEPTH

Description	Depth	Code
Mounting collar [1]	123 mm	23
Pre-installation [2]	240 mm	

[1] Requires *LS647* - order separately.
[2] Requires *LS647-K* - order separately.
For other body depths consult factory.

COVER

Description	Material	Finish	Code
Round Flush Cover	Stainless steel	Polished	M
		Brushed	N

CONTROL GEAR & CABLE ENTRY LOCATION

Description	Cable Entry	Code
Remote	Bottom	R

Remote transformer not included - consult factory.

CABLE ENTRY

Description	Code
Single gland entry, **MicroAntiLeach™** [1]	84
IP68 connector & J-box [2]	85

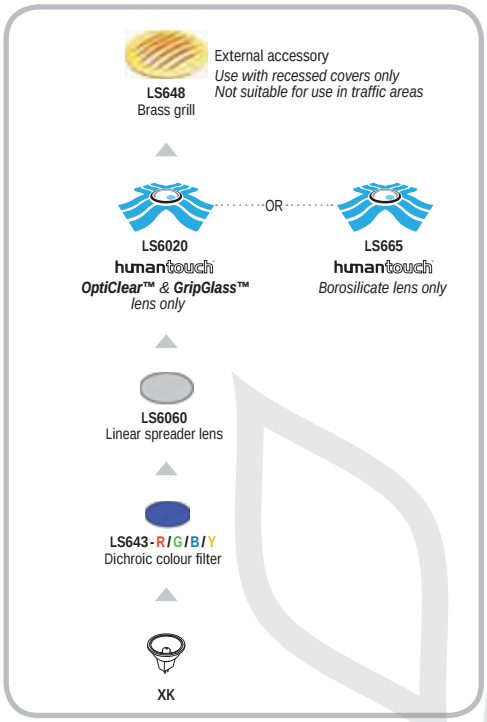
[1] Mounting collar only.
[2] Pre-installation blockout only.

SUPPLY VOLTAGE

Voltage	Code
12 V AC 50 Hz [1]	7

[1] Requires remote transformer - see page 239.

ACCESSORIES



Other accessory stacking options may be available - consult factory

microantileach™

1850 kg | IP68 | IK7 | CE

The LS333 is a family of compact inground and wall recessed luminaires, designed and built with high performance in mind. All are available with a selection of cover plates to suit various installation types. An optional integral transformer and optional niche are available.

SPECIFICATIONS

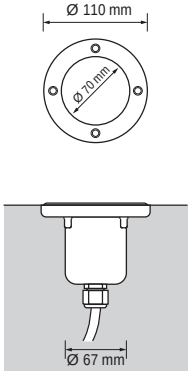
Lamp Source	Halogen MR16 (GU5.3) 20 W max
IP Rating	IP68
Construction	316 marine grade stainless steel
Installation Types	**LS333A** Direct burial (wall mount or inground) *Remote transformer required - order separately* **LS333AN** Niche / pre-installation blockout (wall mount or inground) *Remote transformer required - order separately* **LS333ANI** Niche / pre-installation blockout (wall mount or inground) *Supplied with integral transformer*
Static Load Rating	1850 kg
Impact Rating	IK7
Standard Inclusions	Teflon coated cover screws **MicroAntiLeach™** cable entry Thermal cutout Internal glare control louvre
Ambient Operating Temperature	-20 °C to 40 °C
Warranty	10 year structural, 1 year electrical
Accessories *Order separately*	**LS629** Round wall cover **LLLS** Linear spreader lens **LS643-R/G/B/Y** Dichroic colour filters
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS333 Recessed Cover

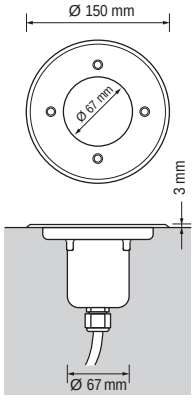
LS333 Round Flush Cover

LS629 Round Wall Cover



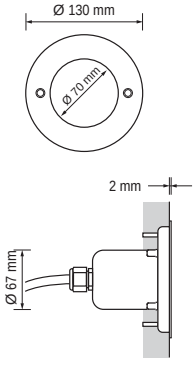
Recessed Cover

- SS316: Polished
- Copper: Polished-CFP



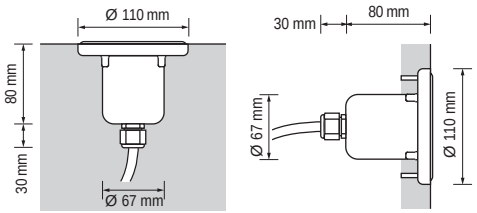
Round Flush Cover

- SS316: Polished-BS
- SS316: Brushed-BSB
- Copper: Polished-BC



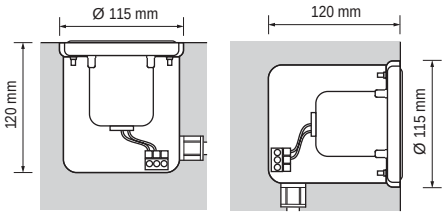
Round Wall Cover

- SS316: Polished (LS629-S)
- SS316: Brushed (LS629-SB)
- Copper: Polished (LS629-C)



LS333A - Inground or Wall Mount (Remote Transformer)

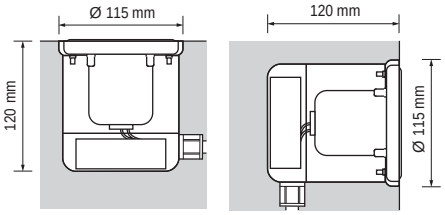
3 m **MicroAntiLeach™** cable



LS333AN Niche / Pre-Installation Concrete Blockout (Remote Transformer)

3 m **MicroAntiLeach™** cable

0.6 m armoured cable & junction box



LS333ANI Niche / Pre-Installation Concrete Blockout (Integral Transformer)

3 m **MicroAntiLeach™** cable

0.6 m armoured cable & junction box

CONFIGURE THIS PRODUCT ›

Inground or Wall Mount

LS333 → **A** → [ ] → **1**

SOURCE

Lamp	Wattage	Voltage	Base	Code
Halogen MR16	20 W	12 V AC (1)	GU5.3	A

(1) Requires remote transformer - see page 239.

COVER

Description	Material	Finish	Code
Recessed cover	Stainless steel	Polished	
	Copper	Polished	CFP
Round flush cover	Stainless steel	Polished	BS
		Brushed	BSB
	Copper	Polished	BC

Round wall cover accessory requires recessed cover.

CABLE ENTRY

Description	Code
3 m cable, **MicroAntiLeach™**	1

Niche

LS333 → **AN** → [ ] → [ ]

SOURCE

Lamp	Wattage	Voltage	Base	Code
Halogen MR16	20 W	12 V AC (1)	GU5.3	AN

(1) Requires remote transformer - see page 239.

COVER

Description	Material	Finish	Code
Recessed cover	Stainless steel	Polished	
	Copper	Polished	CFP
Round flush cover	Stainless steel	Polished	BS
		Brushed	BSB
	Copper	Polished	BC

Round wall cover accessory requires recessed cover.

CABLE ENTRY

Description	Code
3 m cable, **MicroAntiLeach™**	1
0.6 m armoured cable & J-box	2

Niche with Integral Transformer

LS333 → **ANI** → [ ] → [ ]

SOURCE

Lamp	Wattage	Voltage	Base	Code
Halogen MR16	20 W	230-240 V AC, 50/60 Hz	GU5.3	ANI

COVER

Description	Material	Finish	Code
Recessed cover	Stainless steel	Polished	
	Copper	Polished	CFP
Round flush cover	Stainless steel	Polished	BS
		Brushed	BSB
	Copper	Polished	BC

Round wall cover accessory requires recessed cover.

CABLE ENTRY

Description	Code
3 m cable, **MicroAntiLeach™**	1
0.6 m armoured cable & J-box	2

humantouch™ OPTIONAL | gripglass™ OPTIONAL | opticlear™ OPTIONAL | microantileach™ OPTIONAL

1800 kg | IP68 | IK9 | CE

The LS353 ultra shallow inground luminaire is 124 mm deep and is specifically designed for applications where minimal depth is critical, such as allowing the housing to be integrated into suspended concrete slabs. The LS353 is suitable for use in high pedestrian traffic areas and can be used for drive-over applications.

LED version see page 18.

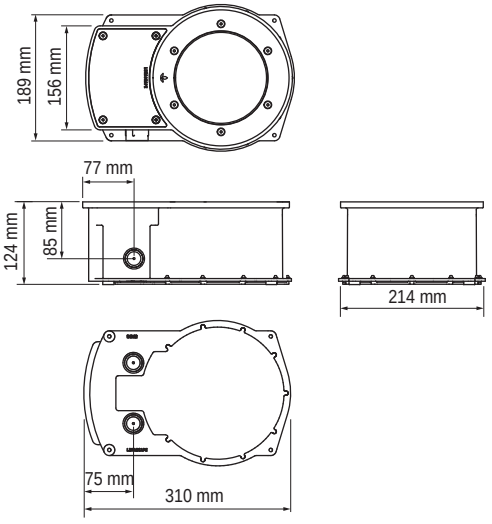
SPECIFICATIONS

Lamp Source	MH / HIT (PGJ5) 20 W max [1]
IP Rating	IP68
Construction	Cover - 316 marine grade stainless steel Body - UV stabilised 30% glass filled PBT/PC high impact strength polymer
Installation Type	Direct burial *Drive-over, landscapes, etc.*
Drive-over	With **OptiClear™** or **GripGlass™** lens when the housing is encased in concrete
Static Load Rating	1800 kg
Impact Rating	IK9 with **OptiClear™** lens
Standard Inclusions	Teflon coated cover screws 25 mm conduit adaptor with cast resin or 3 m **MicroAntiLeach™** cable Ballast with in-built thermal cutout Pre-installation cover kit Humidity absorbent desiccant
Ambient Operating Temperature	-20 °C to 45 °C
Warranty	10 year structural, 1 year electrical
Accessories *Order separately*	**LS6065** linear spreader lens **LS6066** prismatic lens **LS6067** concentric louvre **LS6064** R / G / B / Y dichroic filters **LS6079 HumanTouch™** lens
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files
Glass Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

LS353 Shallow Inground



CONFIGURE THIS PRODUCT ›

Product Code	Lamp Code	Lens Code	Cover Code	Cable Entry Code	Optical System Code	Supply Voltage Code
LS353	227					

SOURCE

Lamp	Wattage	Base	Code
MH / HIT	20 W	PGJ5	227

CABLE ENTRY

Description	Code
25 mm conduit adaptor	
Single gland entry, **MicroAntiLeach™** (1)	84

(1) 3 m cable entry located at right hand side as standard unless otherwise specified.

LENS

Name	Code
OptiClear™	A
GripGlass™	G
Borosilicate (1)	X

(1) Not suitable for drive-over

OPTICAL SYSTEM

Reflector	Beam		Code
Aluminium	Narrow	10°	XV
	Medium	30°	XW
	Flood	55°	XX
	Wide flood	75°	XY

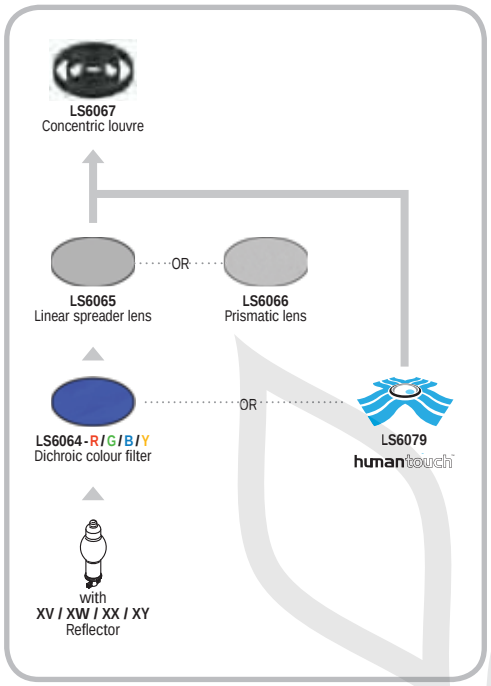
COVER

Material	Finish	Code
Stainless steel	Polished	M
	Brushed	N

SUPPLY VOLTAGE

Voltage	Code
230-240 V AC, 50 Hz	1
220 V AC, 50 Hz	3
120 V AC, 60 Hz	4

ACCESSORIES



Other accessory stacking options may be available - consult factory

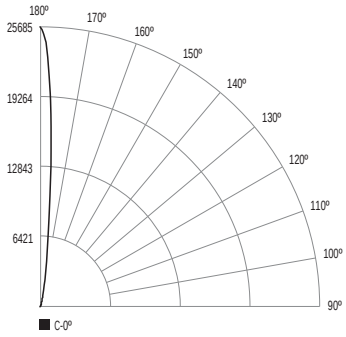
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

LS353 20 W MH
Narrow XV
10° Beam Angle

Power Input	25.4
Lumens	1024
Efficacy	40 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0
140°	6	6	5	5	5	5	5
150°	116	112	107	105	101	99	99
160°	270	256	244	237	220	205	216
170°	2502	2327	2100	1908	1697	1611	1622
180°	25685	25685	25685	25685	25685	25685	25685

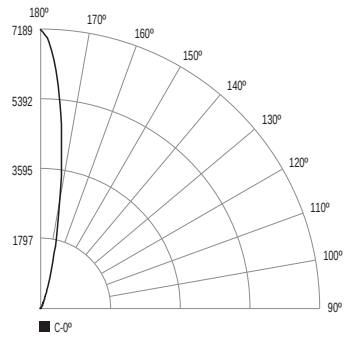
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	25685	15 cm
2	6421	29 cm
3	2854	44 cm
4	1605	58 cm
5	1027	73 cm

LS353 20 W MH
Medium XW
30° Beam Angle

Power Input	25.5
Lumens	887
Efficacy	35 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0
140°	9	7	6	5	5	5	4
150°	121	121	118	114	109	100	109
160°	443	425	410	401	396	395	385
170°	2720	2662	2593	2536	2513	2496	2499
180°	7189	7189	7189	7189	7189	7189	7189

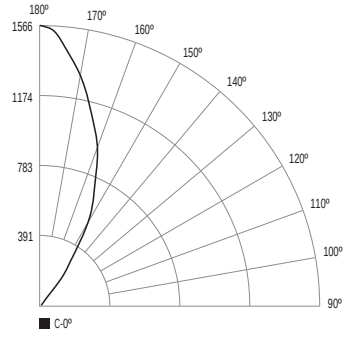
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	7189	29 cm
2	1797	59 cm
3	799	88 cm
4	449	117 cm
5	288	146 cm

LS353 20 W MH
Flood XX
55° Beam Angle

Power Input	25.5
Lumens	947
Efficacy	37 lm/W

Polar Candela Distribution

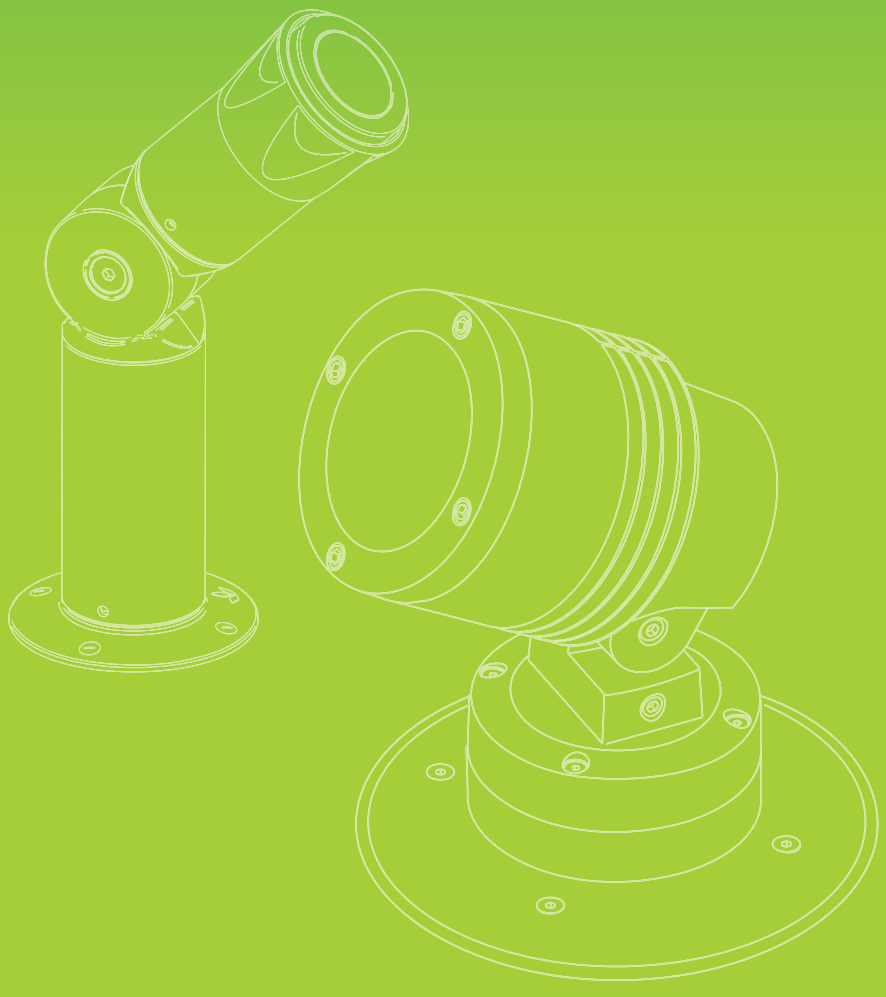


	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	5	4	3	3	3	3	3
140°	77	75	66	64	62	56	50
150°	521	516	508	497	489	469	464
160°	919	912	908	900	892	893	890
170°	1310	1306	1304	1297	1296	1297	1287
180°	1566	1566	1566	1566	1566	1566	1566

Illuminance at Distance

m	Center Beam lx	Beam Ø
1	1566	85 cm
2	391	169 cm
3	174	254 cm
4	98	338 cm
5	63	423 cm

Spotlight & Floodlight



LED source

Cherry Creek North - Denver CO, USA
LS421LED Centria

humantouch™ optiClear™

IP67 CE

The LS411LED is a compact and adjustable luminaire with an aesthetically pleasing form. This unit is particularly popular when spike mounted. It is also suited for architectural spotlighting and signage applications.

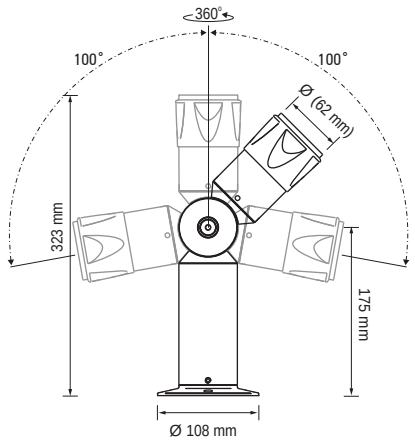
LS411LED Omnio Mini

SPECIFICATIONS

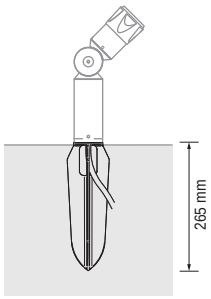
LED Source	LED 9 W or 15 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) ■ Blue (470 nm) *Other colours by request* LED 12 W [1] RGB
IP Rating	IP67
Construction	Powder coated aluminium ■ Black Silver
Installation Types	Surface mount Adaptor base with choice of: Pole clamp single - *order separately* Pole clamp double - *order separately* Signage system - *order separately* Concrete anchor / spike - *remote driver only*
Standard Inclusions	**OptiClear™** glass Internal glare control louvre Silicone handgrip to allow hot focusing
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	2 year structural, 1 year electrical
Accessories *Order separately*	Refer to page 88
Photometrics	Refer to page 89
Surface Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.



Surface Mount
Mounting Code A



Concrete Anchor / Spike
Mounting Code C

CONFIGURE THIS PRODUCT ›

LS411LED → [ ] → [ ] → [ ] → [ ] → [ ]

LED SOURCE		
Wattage	**Colour**	**Code**
9 W	White (4300 K typical)	**9W4**
	Warm white (3000 K typical)	**9H6**
	Blue (470 nm)	**9B4**
12 W	RGB [1]	**12M4**
15 W [2]	White (4300 K typical)	**15W4**
	Warm white (3000 K typical)	**15H6**
	Blue (470 nm)	**15B4**

[1] Remote RGB driver only, select voltage code R.
[2] 15 W not available for narrow beam option.

OPTICAL SYSTEM		
BEAM		**Code**
Narrow [1]	14°	**N**
Medium	30°	**M**
Linear spreader [1]	40° x 20°	**L**

[1] Not available for RGB.

NOTE: Beam angle values are nominal.

MOUNTING	
Description	**Code**
Surface mount	**A**
Pole clamp [1]	**B**
Signage system [2]	
Concrete anchor / spike [3]	**C**

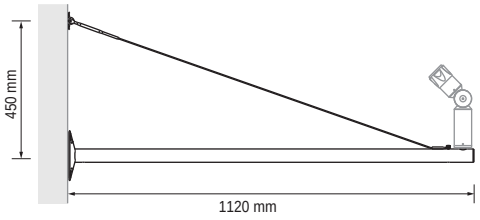
[1] Requires *LS6023-1* or *LS6023-2* - order separately.
[2] Requires *LS6025* - order separately.
[3] Remote driver only, select voltage code R.

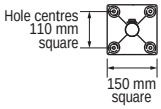
SUPPLY VOLTAGE	
Voltage	**Code**
100-240 V AC, 50/60 Hz [1]	**1**
Remote driver [2]	**R**

[1] Not applicable for RGB.
[2] 9 W requires *LS6095* - order separately.
12 W requires *LS67505* - order separately.
15 W requires *LS6127* - order separately.

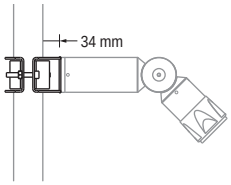
FINISH	
Colour	**Code**
Black	**CB**
Silver	**CS**

MOUNTING OPTIONS



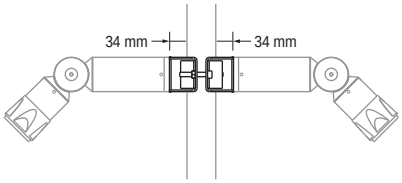


LS6025 Signage Mount



LS6023-1 Pole Clamp

Clamp range
38 mm - 78 mm pole diameter



LS6023-2 Double Pole Clamp

Clamp range
38 mm - 78 mm pole diameter

Finish Options For Accessories

Accessory	Code
Signage system	LS6025
Pole clamp	LS6023-1
Double pole clamp	LS6023-2

Finish	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

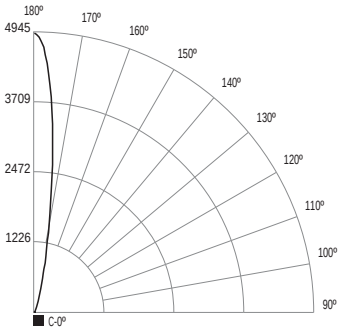
Photometrics

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

LS411LED
4300 K
14° Beam Angle

Power Input	10.9
Lumens	415
Efficacy	38 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0
140°	1	1	1	1	2	2	2
150°	13	14	14	14	13	13	13
160°	173	186	193	184	179	138	120
170°	1625	1663	1658	1628	1583	1518	1444
180°	4945	4945	4945	4945	4945	4945	4945

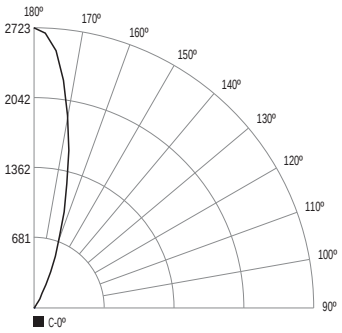
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	4945	25 cm
2	1236	51 m
3	549	76 m
4	309	102 m
5	198	127 m

LS411LED
4300 K
30° Beam Angle

Power Input	17.6
Lumens	785
Efficacy	45 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	9	9	10	9	9	8	8
140°	35	39	38	33	33	33	31
150°	167	160	153	155	157	165	157
160°	741	742	733	727	702	681	667
170°	1903	1896	1873	1861	1845	1831	1827
180°	2723	2723	2723	2723	2723	2723	2723

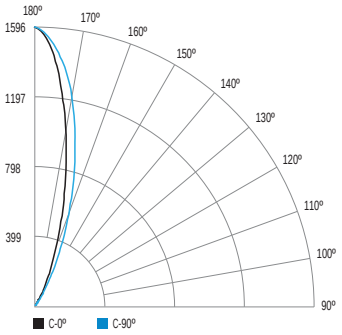
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	2723	49 cm
2	681	99 cm
3	303	148 cm
4	170	197 cm
5	109	246 cm

LS411LED (15 W)
4300 K
40° x 20° Beam Angle

Power Input	17.4
Lumens	472
Efficacy	27 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	1	1	0	0	0	0	0
130°	5	5	5	5	8	10	12
140°	13	13	13	21	35	51	51
150°	48	51	69	105	147	199	224
160°	279	301	355	438	543	646	707
170°	987	1003	1048	1116	1197	1278	1315
180°	1596	1596	1596	1596	1596	1596	1596

Illuminance at a Distance

m	Center Beam lx	Beam W	Beam L
1	1596	35 cm	72 cm
2	399	70 cm	146 cm
3	177	106 cm	218 cm
4	100	141 cm	290 cm
5	64	176 cm	364 cm

humantouch™ opticlear™

IP66 IP67 CE

The LS421LED is one of the most compact and versatile surface mount luminaires in its class, featuring an integral driver. It is designed for all hard surfaces in any orientation. Choices of beam angles, light and glare control accessories are available.

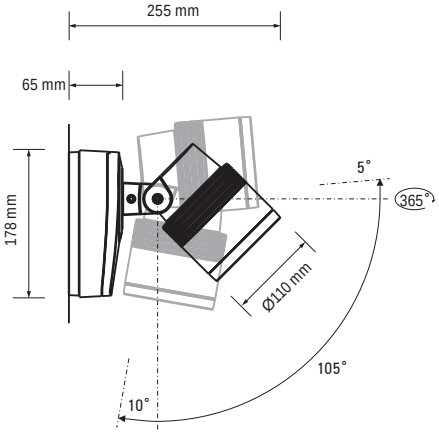
SPECIFICATIONS

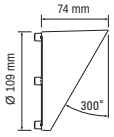
LED Source	LED 14 W or 27 W [1] □ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm) LED 24 W [1] RGB
IP Rating	IP66 / IP67
Construction	Powder coated aluminium Black Silver Custom powder coat colours available.
Installation Type	Surface mount
Standard Inclusions	Integral driver **OptiClear™** glass
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	2 year structural, 1 year electrical
Accessories *Order separately*	**LS6104** External glare shield
Photometrics	Refer to page 97
Surface Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

LS421LED Centria
Surface mount





LS6104 External Glare Shield

CONFIGURE THIS PRODUCT ›

LS421LED → [ ] → [ ] → [ ] → [ ]

LED SOURCE

Wattage	Colour	Code
14 W	White (4300 K typical)	14W4
	Warm white (3000 K typical)	14H6
	Blue (470 nm)	14B4
27 W	White (4300 K typical)	27W4
	Warm white (3000 K typical)	27H6
	Blue (470 nm)	27B4
24 W	RGB	24M4

OPTICAL SYSTEM

Beam		Code
Narrow [1]	14°	N
Medium	30°	M
Linear horizontal [1]	40° x 20°	LH
Linear vertical [1]	20° x 40°	LV
Medium	30°	M
Linear horizontal [1]	40° x 20°	LH
Linear vertical [1]	20° x 40°	LV

[1] Not available for RGB.

NOTE: Aims with luminaire. Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
100-240 V AC, 50/60 Hz [1]	1
24 V DC [2]	7

[1] Not available for RGB.
[2] Requires remote power supply - see page 239.

FINISH

Type	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

humantouch™ opticlear™

IP66 IP67 CE

The LS431LED is a remote driver, surface mount luminaire, suitable for use where the driver can be conveniently housed close by. It is designed for all hard surfaces in any orientation. It is a low profile luminaire, which can be desirable in many architectural lighting applications. Choices of beam angles, light and glare control accessories are available.

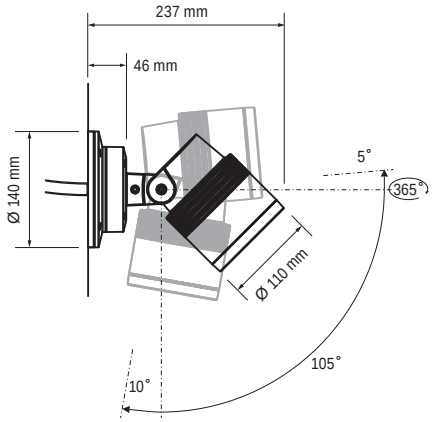
SPECIFICATIONS

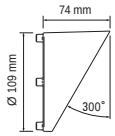
LED Source	LED 14 W or 27 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm) LED 24 W [1] RGB
IP Rating	IP66 / IP67
Construction	Powder coated aluminium Black Silver Custom powder coat colours available.
Installation Type	Surface mount
Standard Inclusions	Integral driver **OptiClear™** glass
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	2 year structural, 1 year electrical
Accessories *Order separately*	**LS6097** Remote constant current driver LS6097-700 for 27 W Single colour (except red) LS6097-350 for 14 W Single colour only **LS67507** Remote RGB driver **LS6104** External glare shield
Photometrics	Refer to page 97
Surface Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

LS431LED Centria
Surface mount remote gear





LS6104 External Glare Shield

CONFIGURE THIS PRODUCT ›

LS431LED → [ ] → [ ] → R → [ ]

LED SOURCE

Wattage	Colour	Code
14 W	White (4300 K typical)	14W4
	Warm white (3000 K typical)	14H6
	Blue (470 nm)	14B4
27 W	White (4300 K typical)	27W4
	Warm white (3000 K typical)	27H6
	Blue (470 nm)	27B4
24 W	RGB	24M4

OPTICAL SYSTEM

Beam		Code
Narrow [1]	14°	N
Medium	30°	M
Linear horizontal [1]	40° x 20°	LH
Linear vertical [1]	20° x 40°	LV
Medium	30°	M
Linear horizontal [1]	40° x 20°	LH
Linear vertical [1]	20° x 40°	LV

[1] Not available for RGB.

NOTE: Aims with luminaire. Beam angle values are nominal.

LED DRIVER

Description	Code
Remote driver [1]	R

[1] Single colour requires *LS6097* - order separately.
RGB requires *LS67507* - order separately.

FINISH

Type	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

humantouch™ opticlear™

IP66 IP67 CE

The LS422LED ground mounted luminaire caters for a wide range of landscape lighting applications. Available for spike mounting, the height of the luminaire allows the light head to stand above plantings for an unobstructed cast of light on the target. Choices of beam angles, light and glare control accessories are available.

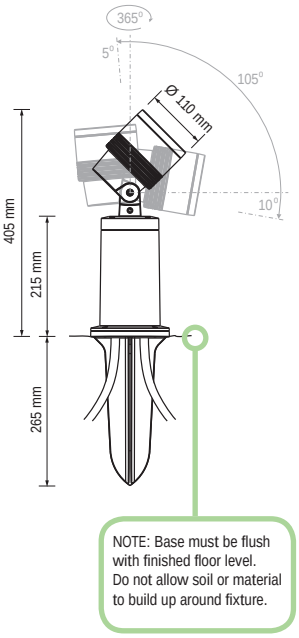
SPECIFICATIONS

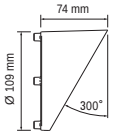
LED Source	LED 14 W or 27 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm) LED 24 W [1] RGB
IP Rating	IP66 / IP67
Construction	Powder coated aluminium Black Silver Custom powder coat colours available.
Installation Type	Concrete anchor
Standard Inclusions	Integral driver **OptiClear™** glass
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	2 year structural, 1 year electrical
Accessories *Order separately*	**LS6104** External glare shield
Photometrics	Refer to page 97
Surface Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

LS422LED Centria
Concrete anchor





LS6104 External Glare Shield

CONFIGURE THIS PRODUCT ›

LS422LED → [ ] → [ ] → [ ] → [ ]

LED SOURCE

Wattage	Colour	Code
14 W	White (4300 K typical)	14W4
	Warm white (3000 K typical)	14H6
	Blue (470 nm)	14B4
27 W	White (4300 K typical)	27W4
	Warm white (3000 K typical)	27H6
	Blue (470 nm)	27B4
24 W	RGB	24M4

OPTICAL SYSTEM

Beam		Code
Narrow [1]	14°	N
Medium	30°	M
Linear horizontal [1]	40° x 20°	LH
Linear vertical [1]	20° x 40°	LV
Medium	30°	M
Linear horizontal [1]	40° x 20°	LH
Linear vertical [1]	20° x 40°	LV

[1] Not available for RGB.

NOTE: Aims with luminaire. Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
100-240 V AC, 50/60 Hz [1]	1
24 V DC [2]	7

[1] Not available for RGB.
[2] Requires remote power supply - see page 239.

FINISH

Type	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

humantouch™ opticlear™

IP66 IP67 CE

The LS432LED ground mounted luminaire caters for a wide range of landscape lighting applications. Available for concrete pad mounting, the height of the luminaire allows the light head to stand above plantings for an unobstructed cast of light on the target. Choices of beam angles, light and glare control accessories are available.

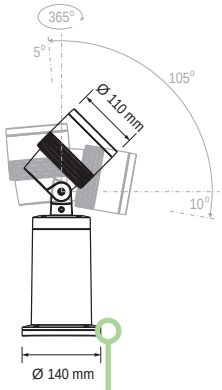
SPECIFICATIONS

LED Source	LED 14 W or 27 W [1] □ White (4300 K typical) □ Warm white (3000 K typical) ■ Blue (470 nm) LED 24 W [1] ■ RGB
IP Rating	IP66 / IP67
Construction	Powder coated aluminium ■ Black ■ Silver Custom powder coat colours available.
Installation Type	Post mount
Standard Inclusions	Integral driver **OptiClear™** glass
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	2 year structural, 1 year electrical
Accessories *Order separately*	**LS6104** External glare shield
Photometrics	Refer to page 97
Surface Temperature	**HumanTouch™** compliant ≤65 °C

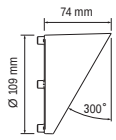
NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

LS432LED Centria
Post mount



NOTE: Base must be flush with finished floor level. Do not allow soil or material to build up around fixture.



LS6104 External Glare Shield

CONFIGURE THIS PRODUCT ›

LS432LED → [ ] → [ ] → [ ] → [ ]

LED SOURCE

Wattage	Colour	Code
14 W	White (4300 K typical)	14W4
	Warm white (3000 K typical)	14H6
	Blue (470 nm)	14B4
27 W	White (4300 K typical)	27W4
	Warm white (3000 K typical)	27H6
	Blue (470 nm)	27B4
24 W	RGB	24M4

OPTICAL SYSTEM

Beam		Code
Narrow [1]	14°	N
Medium	30°	M
Linear horizontal [1]	40° x 20°	LH
Linear vertical [1]	20° x 40°	LV
Medium	30°	M
Linear horizontal [1]	40° x 20°	LH
Linear vertical [1]	20° x 40°	LV

[1] Not available for RGB.

NOTE: Aims with luminaire. Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
100-240 V AC, 50/60 Hz [1]	1
24 V DC [2]	7

[1] Not available for RGB.
[2] Requires remote power supply - see page 239.

FINISH

Type	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

humantouch™ opticlear™ microantileach™

IP66 IP67 CE

The LS452LED semi recessed Centria is ideal for signage illumination, wall washing and general landscape lighting applications where a low profile appearance is desired. LS452LED provides an alternative to traditional inground uplighting allowing efficient focusing of the light whilst minimising spill. The IP68 stainless steel driver enclosure below ground ensures long life. Choices of beam angles, light and glare control accessories are available.

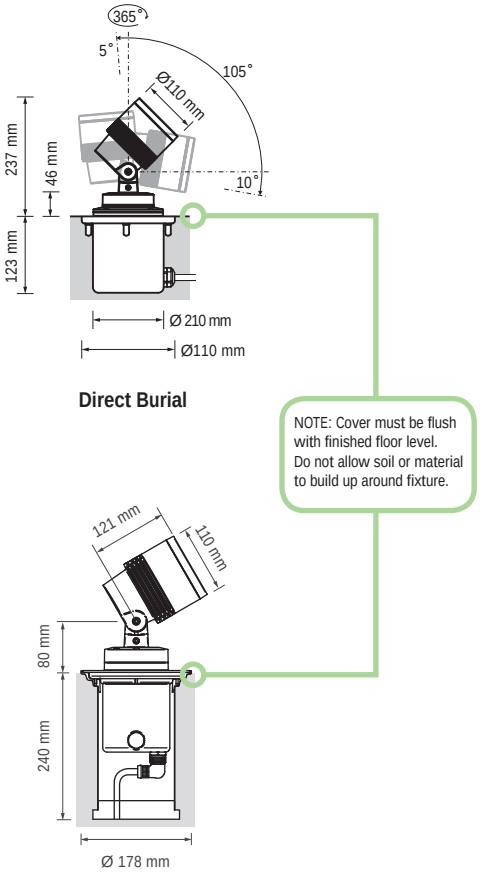
SPECIFICATIONS

LED Source	LED 14 W or 27 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm)
IP Rating	IP66 / IP67
Construction	Powder coated aluminium ■ Black ■ Silver Custom powder coat colours available.
Installation Type	Semi recessed **LS647** Mounting collar only **LS647-K** Pre-installation concrete blockout (low voltage) **LS637-K** Pre-installation concrete blockout (mains voltage)
Standard Inclusion	Integral driver **OptiClear™** glass **MicroAntiLeach™** cable entry
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	1 year structural, 1 year electrical
Accessories *Order separately*	**LS6104** External glare shield
Photometrics	Refer to page 97
Surface Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

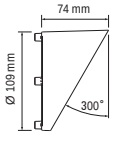
[1] Nominal power consumption only, actual power consumed may vary.

LS452LED Centria
Inground Gear Enclosure



Direct Burial

Pre-installation
LS647-K or LS637-K order separately



LS6104 External Glare Shield

CONFIGURE THIS PRODUCT ›

LS452LED [ ] [ ] [ ] [ ] [ ] [ ] [ ]

LED SOURCE

Wattage	Colour	Code
14 W	White (4300 K typical)	14W4
	Warm white (3000 K typical)	14H6
	Blue (470 nm)	14B4
27 W	White (4300 K typical)	27W4
	Warm white (3000 K typical)	27H6
	Blue (470 nm)	27B4

OPTICAL SYSTEM

Beam		Code
Narrow [1]	14°	N
Medium	30°	M
Linear horizontal [1]	40° x 20°	LH
Linear vertical [1]	20° x 40°	LV
Medium	30°	M
Linear horizontal [1]	40° x 20°	LH
Linear vertical [1]	20° x 40°	LV

NOTE: Aims with luminaire.
Beam angle values are nominal.

CABLE ENTRY TYPE

Description	Code
Armoured cable and J-Box [1]	81
Single gland entry, **MicroAntiLeach™** [2]	84
IP68 connector and J-Box [3]	85

[1] Not compatible with pre-install or mounting collar. Not available for RGB.
[2] Not compatible with pre-install.
[3] Use only with pre-install *LS637-K* or *LS647-K*- order separately.

NOTE: Consult factory for other cable entry options.
Consult factory for *LS647* mounting collar for decks and grates.

INSTALLATION TYPE

Description	Code
Direct burial	21
Mounting collar [1]	23
Pre-installation concrete blockout [2]	

[1] Requires *LS647* mounting collar - order separately.
[2] Requires *LS637-K* for line voltage (code 1) or *LS647-K* for low voltage (code 7) - order separately.

CABLE ENTRY LOCATION

Description	Code
Side [1]	N
Bottom	Q

[1] Not compatible with pre-install or mounting collar.

SUPPLY VOLTAGE

Voltage	Code
100-240 V AC, 50/60 Hz	1
24 V DC [1]	7

[1] Requires remote power supply - see page 239.

FINISH

Type	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

humantouch™ opticlear™

IP66 IP67 CE

The LS471LED is the up/down column lighting version of the Centria series. It also performs well for illuminating large wall expanses. Reflectors with different beam angles can be fitted to each side. The integral driver is a standard feature of LS471LED. Choices of lamps, beam angles, light and glare control accessories are available.

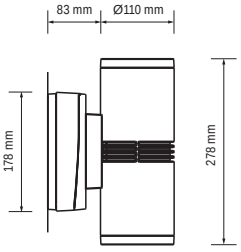
LS471LED Centria
Wall Mount Up / Down

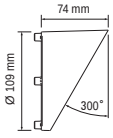
SPECIFICATIONS

LED Source	LED 2 x 14 W [1] □ White (4300 K typical) ■ Warm white (3000 K typical) ■ Blue (470 nm)
IP Rating	IP66 / IP67
Construction	Powder coated aluminium ■ Black ■ Silver
Installation Type	Wall mount
Standard Inclusion	Integral driver **OptiClear™** glass
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	2 year structural, 1 year electrical
Accessories *Order separately*	**LS6104** External glare shield
Photometrics	Refer to page 97
Surface Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.





LS6104 External Glare Shield

CONFIGURE THIS PRODUCT ›

Same Options for Up and Down

LS471LED → [ ] → [ ] → 1 → [ ]

LED SOURCE

Wattage	Colour	Code
2 x 14 W	White (4300 K typical)	28W4
	Warm white (3000 K typical)	28H6
	Blue (470 nm)	28B4

OPTICAL SYSTEM

Beam		Code
Narrow	14°	N
Medium	30°	M
Linear horizontal	40° x 20°	LH
Linear vertical	20° x 40°	LV

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
240 V AC, 50 Hz	1

FINISH

Type	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

Different Options for Up and Down

LS471LED → [ ] → [ ] → [ ] → [ ] → 1 → [ ]

DOWN LED SOURCE

Wattage	Colour	Code
14 W	White (4300 K typical)	14W4
	Warm white (3000 K typical)	14H6
	Blue (470 nm)	14B4

UP LED SOURCE

Wattage	Colour	Code
14 W	White (4300 K typical)	14W4
	Warm white (3000 K typical)	14H6
	Blue (470 nm)	14B4

SUPPLY VOLTAGE

Voltage	Code
240 V AC, 50 Hz	1

FINISH

Type	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

DOWN OPTICAL SYSTEM

Beam		Code
Narrow	14°	N
Medium	30°	M
Linear horizontal	40° x 20°	LH
Linear vertical	20° x 40°	LV

UP OPTICAL SYSTEM

Beam		Code
Narrow	14°	N
Medium	30°	M
Linear horizontal	40° x 20°	LH
Linear vertical	20° x 40°	LV

PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

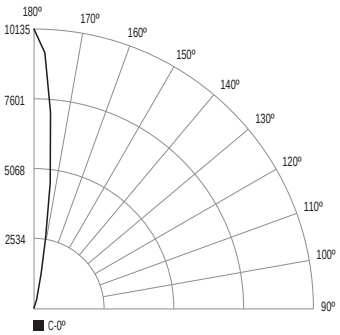
LS421LED
LS431LED
LS452LED
LS432LED
LS422LED

4300 K

14° Beam Angle

Power Input	15
Lumens	878
Efficacy	57 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	9	9	9	9	9	9	9
100°	11	11	11	11	11	11	11
110°	11	11	11	11	11	11	11
120°	1	1	1	1	1	1	1
130°	0	0	0	0	0	0	0
140°	5	5	5	5	5	4	5
150°	24	24	24	24	24	24	24
160°	152	149	146	144	146	150	157
170°	2768	2510	2421	2368	2329	2318	2355
180°	10135	10135	10135	10135	10135	10135	10135

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	10135	25 cm
2	2537	50 cm
3	1127	76 cm
4	634	101 cm
5	406	126 cm

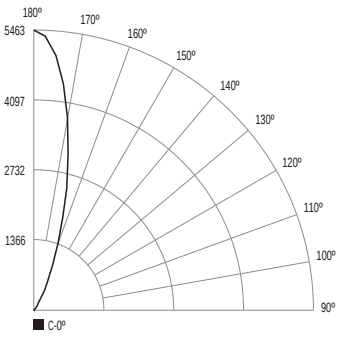
LS421LED
LS431LED
LS452LED
LS432LED
LS422LED

4300 K

30° Beam Angle

Power Input	31
Lumens	1589
Efficacy	51 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	12	11	9	8	8	8	8
140°	49	46	46	51	49	47	48
150°	306	288	278	278	279	275	264
160°	1397	1357	1342	1309	1282	1282	1305
170°	3809	3762	3713	3682	3660	3661	3673
180°	5463	5463	5463	5463	5463	5463	5463

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	5463	50 cm
2	1366	100 cm
3	607	150 cm
4	342	200 cm
5	219	251 cm

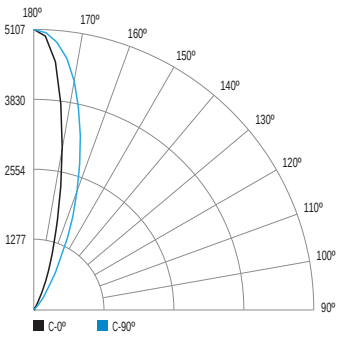
LS421LED
LS431LED
LS452LED
LS432LED
LS422LED

4300 K

20° x 40° Beam Angle

Power Input	31
Lumens	1576
Efficacy	51 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	9	8	7	7	13	18	23
140°	25	25	28	42	80	124	141
150°	119	127	166	272	439	612	695
160°	843	886	1045	1327	1702	2141	2318
170°	3095	3166	3352	3661	3986	4209	4278
180°	5107	5107	5107	5107	5107	5107	5107

Illuminance at Distance

m	Center Beam lx	Beam W	Beam L
1	5107	35 cm	72 cm
2	1366	70 cm	146 cm
3	607	106 cm	218 cm
4	342	141 cm	290 cm
5	219	176 cm	364 cm

humantouch™ opticlear™ microantileach™ electropolish+™

IP68 CE

The LS9402LED is a brilliant spike mounted luminaire. This makes it suitable for use in a landscape or planter. Several beam angles are available, ranging from narrow to wide. Constructed from 316 marine grade stainless steel the LS9402LED also comes with Lumsacape's proprietary **ElectroPolishPlus™** finish as standard.

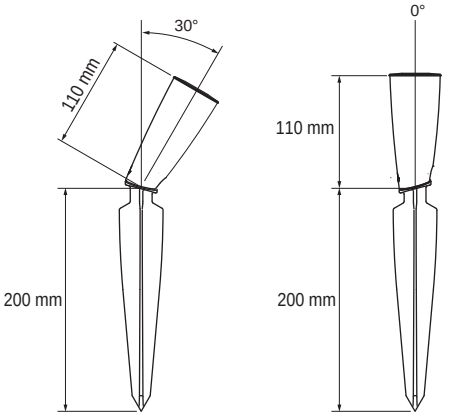
LS9402LED Vedita

SPECIFICATIONS

LED Source	LED 2 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm)
Control Signal	PWM *Optional for 24 V DC and 12 V AC versions*
IP Rating	IP68
Construction	316 marine grade stainless steel bezel
Installation Type	Spike *Supplied as standard*
Standard Inclusion	Integral driver with field intensity setting (page 242) **OptiClear™** glass **MicroAntiLeach™** cable entry 2 m cable
Ambient Operating Temperature	-20 °C to 50 °C
Warranty	5 year structural, 3 year LED and driver
Accessories *Order separately*	**LS6125** 0-10 V dimmer system **LS6122** Wall plate dimmer
Photometrics	Refer to page 41
Surface Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.



CONFIGURE THIS PRODUCT ›

LS9402LED → [ ] → SS → [ ] → [ ] → 27

LED SOURCE

Wattage	Colour	Code
2 W	White (4300 K typical)	2W4
	Warm white (3000 K typical)	2H4
	Blue (470 nm)	2B4

FINISH

Material	Code
Stainless steel	SS

OPTICAL SYSTEM

Beam		Code
Narrow	11°	N
Medium	20°	M
Wide	35°	W
Linear	10° x 45°	L
Flood		F

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
24 V DC or 12 V AC [1] *dimmable 0-10 V dimmer system*	27

[1] Requires 4 wires to run luminaire and *LS6125* - order separately.

OUR COMMITMENT

At Lumascape we believe that progress does not have to come at the cost of the environment. We strive to make the world a better place for future generations.

This attitude is reflected in everything we do – developing our products to a high standard and utilizing production methods that minimize our impact on the planet.

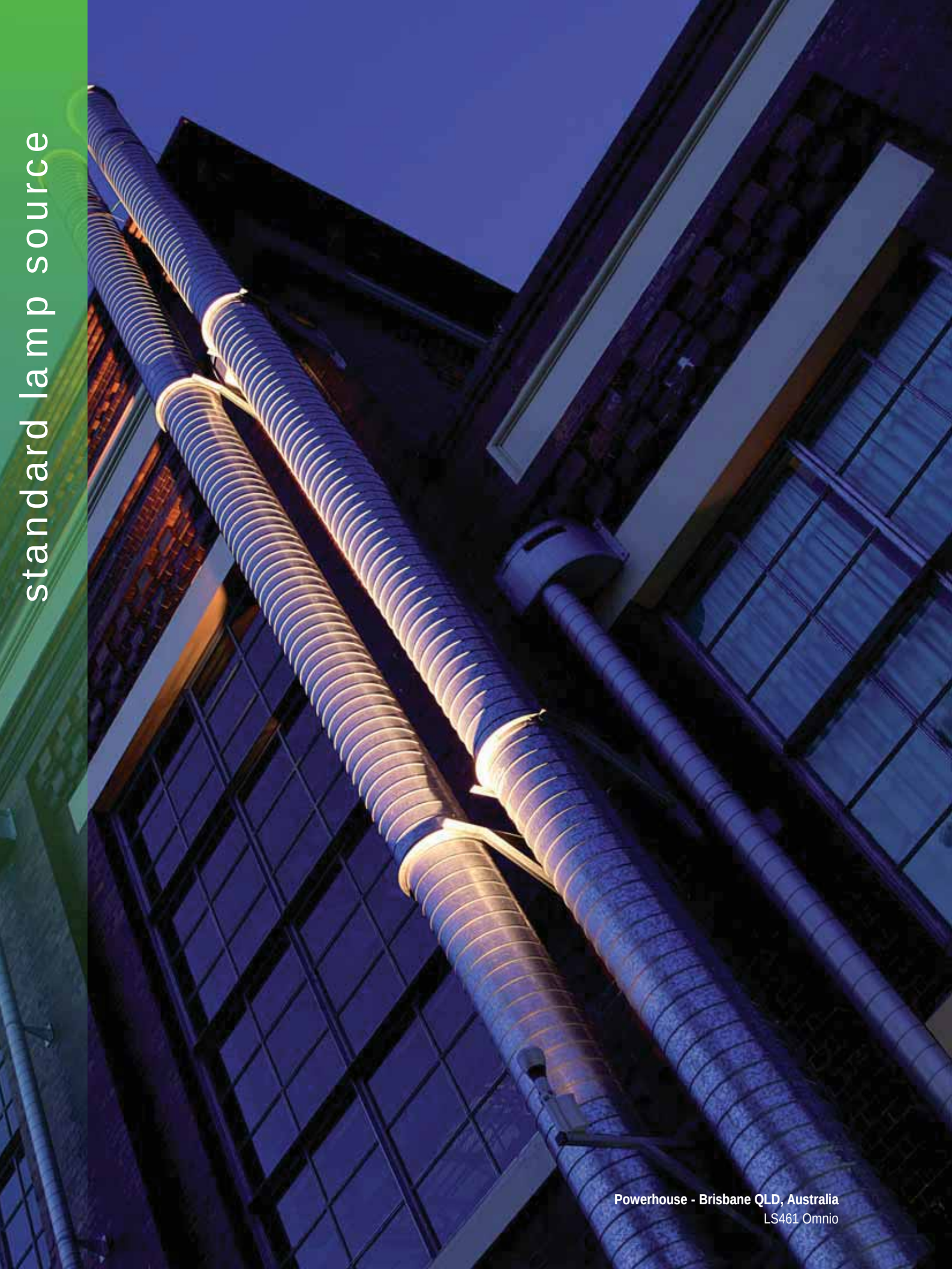
Lumascape believes that energy efficient lighting is the way of the future and accordingly, we invest heavily in the development of LED and HID based luminaires.

The use of high quality components and stringent quality control systems ensure that our luminaires have the longest service life possible – providing value for our customers and a commitment to…

THE FUTURE OF OUR ENVIRONMENT

- Research into energy efficient lighting technology
- Reduce power consumption through the use of efficient LED and low wattage lamp sources
- Wherever possible, products are manufactured from materials that can be recycled
- Easy to maintain, quality products that have a long service life
- Sound production techniques that conserve natural resources
- Equipment that is compliant with appropriate environmental standards

standard lamp source



Powerhouse - Brisbane QLD, Australia
LS461 Omnio

opticlear™ pureOptics™

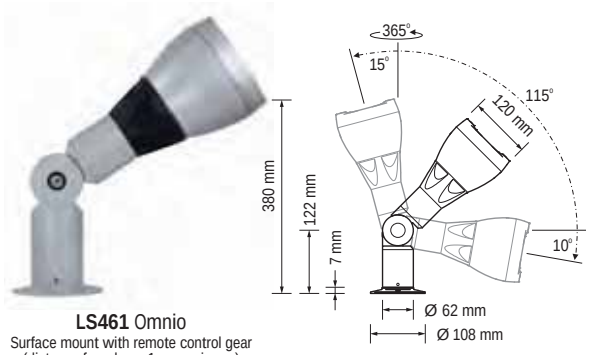
IP67 CE

The LS461 is a high performance spotlight utilising **PureOptics™** reflectors, a glass dichroic reflector technology pioneered by Lumascape. The **PureOptics™** reflectors are engineered to provide maximum efficiency and performance over a long service life. Choices of beam angles, light and glare control accessories are available, together with lockable pan / tilt adjustment. Excellent glare control is achieved without loss of light.

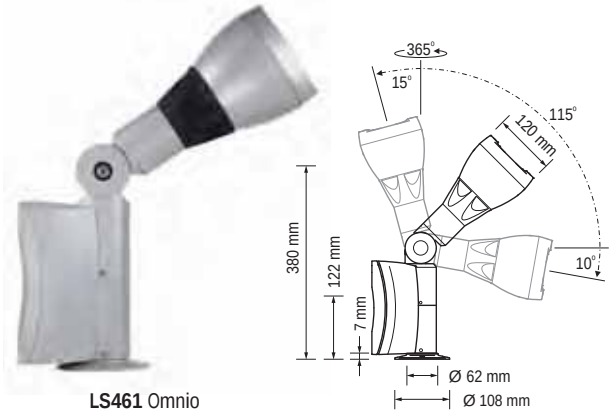
SPECIFICATIONS

Lamp Source	MH / HIT T6 (G12)	35 W, 70 W
	MH PAR30 (E26/27 medium)	35 W, 70 W
	INC PAR20/30 (E26/27 medium)	75 W max
IP Rating	IP67	
Construction	Powder coated aluminium ■ Black ■ Silver	
Installation Types	Large surface mount base Discreet base with choice of: Pole clamp single Pole clamp double Signage system	
Standard Inclusions	MH HIT lamp includes high efficiency **PureOptics™** reflector Silicone handgrip to allow hot focusing	
Ambient Operating Temperature	35 W -20 °C to +50 °C	
Warranty	2 year structural, 1 year electrical	
Accessories *Order separately*	Refer to page 102 **LS6090** Remote electronic control gear *Distance from lamp 1 m maximum*	
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.



LS461 Omnio
Surface mount with remote control gear
(distance from lamp 1 m maximum)



LS461 Omnio
Surface mount with integral control gear

CONFIGURE THIS PRODUCT ›

LS461 → [ ] → [ ] → [ ] → [ ] → 1 → [ ]

SOURCE

Lamp	Wattage	Base	Code
MH / HIT T6	35 W	G12	226
MH / HIT T6	70 W	G12	225
MH PAR30	35 W	E26 / E27 medium	226
MH PAR30	70 W	E26 / E27 medium	225
INC PAR30/38	75 W max	E26 / E27 medium	252

OPTICAL SYSTEM

Reflector	Beam		Code
PureOptics™ Adjustable	Narrow	10°	AV
	Medium	20°	AW
	Flood	50°	AX
	Wide flood	60°	AY
PAR30/38 Adjustable			AR
PAR30/38 Adjustable			AR

GEAR LOCATION

Description	Code
Integral ECG	Q
Remote ECG (1)	R
Integral ECG	Q
Remote ECG (1)	R
Line voltage	

ECG - Electronic Control Gear.

(1) Requires *LS6090* - order separately.

MOUNTING

Description	Code
Surface mount	A
Pole clamp (1)	B
Signage pole (2)	B

(1) Requires *LS6023-1* or *LS6023-2* - order separately.
(2) Requires *LS6025* - order separately.

SUPPLY VOLTAGE

Voltage	Code
220-240 V AC, 50/60 Hz	1

FINISH

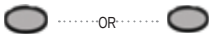
Description	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

ACCESSORIES

Filters and Lenses

LS6011-2
Cross hatch louvre

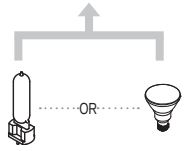
OR



LS690-2
Prismatic lens

LS6029-2
Linear spreader lens

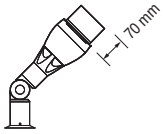
LS689-2R/G/B/Y
Dichroic colour filters



AV / AW / AX / AY
PureOptics™
Reflector

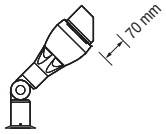
AR
PAR Lamp

Glare Shields



LS6027 Straight

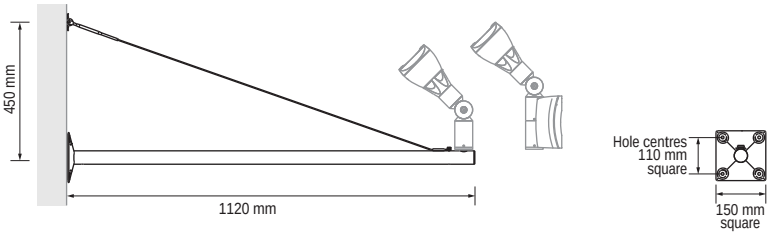
Custom length available



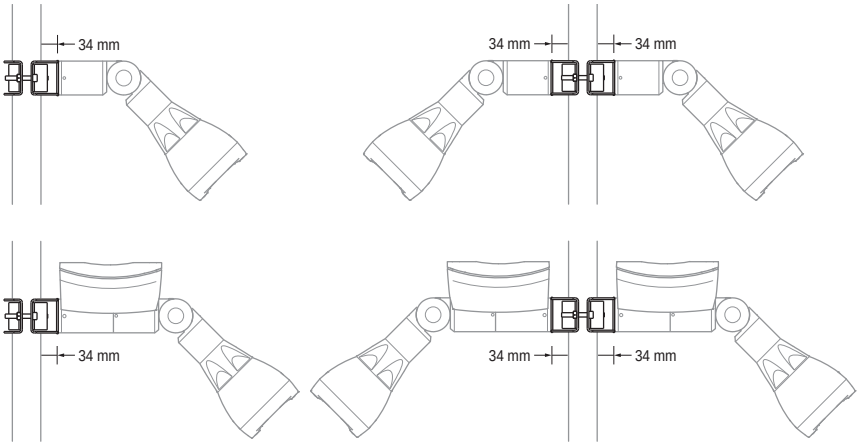
LS6028 45°

Custom length and angle available
Rotatable and lockable

MOUNTING OPTIONS



LS6025 Signage System



LS6023-1 Pole Clamp

Clamp range
38 mm - 78 mm pole diameter

LS6023-2 Double Pole Clamp

Clamp range
38 mm - 78 mm pole diameter

Finish Options For Accessories

ACCESSORY	Code
Signage system	LS6025
Pole clamp	LS6023-1
Double pole clamp	LS6023-2

FINISH	MATERIAL	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

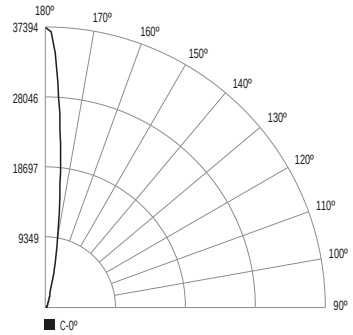
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

LS461 70 W MH
Narrow AV
10° Beam Angle

Power Input	82.3
Lumens	2478
Efficacy	30 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	2	2	2	2	2	2	1
110°	10	10	10	9	9	8	8
120°	12	12	12	13	12	12	12
130°	17	17	18	18	18	18	18
140°	39	39	40	40	39	38	38
150°	108	110	109	107	104	100	96
160°	604	617	624	628	632	632	648
170°	7770	8039	8235	8332	8178	7972	7848
180°	37394	37394	37394	37394	37394	37394	37394

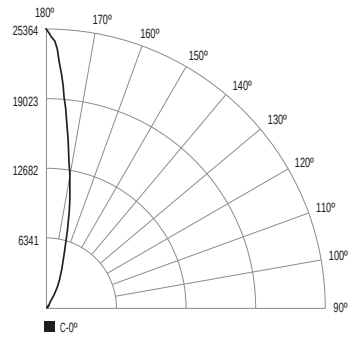
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	37394	18 cm
2	9349	37 cm
3	4155	55 cm
4	2337	73 cm
5	1496	92 cm

LS461 70 W MH
Medium AW
20° Beam Angle

Power Input	82.2
Lumens	3379
Efficacy	41 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	5	5	5	5	5	6	6
120°	10	10	10	10	10	10	11
130°	28	26	24	23	22	23	26
140°	51	53	51	47	51	53	55
150°	144	159	163	163	173	193	230
160°	1593	1777	1772	1772	1843	1917	2058
170°	7651	8203	8224	8109	8420	8689	8967
180°	25364	25364	25364	25364	25364	25364	25364

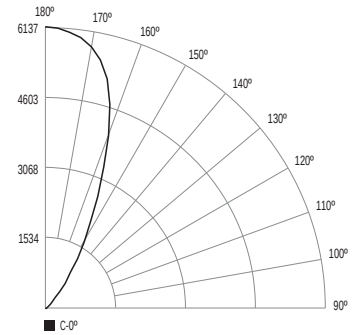
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	25364	26 cm
2	6341	53 cm
3	2818	79 cm
4	1585	105 cm
5	1015	131 cm

LS461 70 W MH
Flood AX
50° Beam Angle

Power Input	88.5
Lumens	4063
Efficacy	46 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	1	1	1	1	1	1	1
100°	1	1	1	1	1	1	1
110°	3	3	3	3	3	3	3
120°	11	11	11	11	11	11	11
130°	86	86	86	86	86	86	86
140°	491	491	491	491	491	491	491
150°	1674	1674	1674	1674	1674	1674	1674
160°	4006	4006	4006	4006	4006	4006	4006
170°	5781	5781	5781	5781	5781	5781	5781
180°	6137	6137	6137	6137	6137	6137	6137

Illuminance at Distance

m	Center Beam lx	Beam Ø
1	6137	92 cm
2	1534	186 cm
3	682	278 cm
4	384	372 cm
5	245	466 cm

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IP67 CE

The LS411 is a compact and adjustable luminaire featuring metal halide, LED and halogen lamp options with an aesthetically pleasing form. This unit is particularly popular when spike mounted. It is also suited for architectural spotlighting and signage applications.

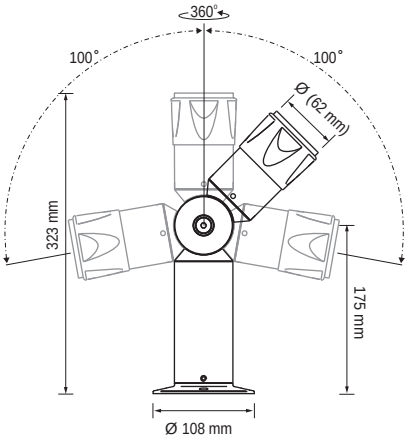
LED version see page 87.

SPECIFICATIONS

Lamp Source	MH MR16 (GX10)	20 W
	Halogen MR16 (GU5.3)	50 W max
IP Rating	IP67	
Construction	Powder coated aluminium ■ Black ■ Silver	
Installation Types	Surface mount Adaptor base with choice of: Pole clamp single Pole clamp double Signage system Concrete anchor / spike *(low voltage only)*	
Standard Inclusions	Internal glare control louvre Silicone handgrip to allow hot focusing Integral electronic control gear *(MH only)*	
Ambient Operating Temperature	-20 °C to +50 °C	
Warranty	2 year structural, 1 year electrical	
Accessories *Order separately*	Refer to page 105	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS411 Omnio Mini
Surface mount



Surface Mount
Mounting Code A

CONFIGURE THIS PRODUCT ›

LS411 [ ] [ ] [ ] [ ]

SOURCE

Lamp	Wattage	Base	Code
MH MR16	20 W	GX10	296
Halogen MR16	35 W max	GU5.3	295

SUPPLY VOLTAGE

Voltage	Code
220-240 V AC 50/60 Hz (1)	1
12 V AC 50 Hz (2)	7

(1) Metal Halide MR16 only.
(2) Halogen MR16 only. Requires remote transformer - see page 239.

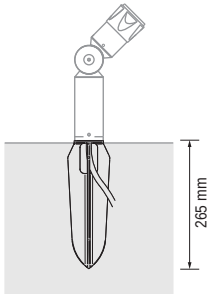
MOUNTING

Description	Code
Surface mount	A
Pole clamp (1)	B
Signage pole (2)	
Concrete anchor / spike (3)	C

(1) Requires *LS6023-1* or *LS6023-2* - order separately.
(2) Requires *LS6025* - order separately.
(3) Not available with line voltage in Australia - check your local regulations.

FINISH

Description	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS



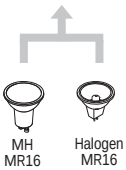
Concrete Anchor / Spike
Mounting Code C

ACCESSORIES

Filters and Lenses

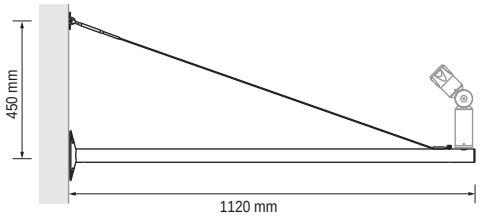
LLLS
Linear spreader lens

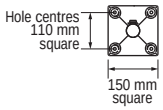
LS643-R/G/B/Y
Dichroic colour filter



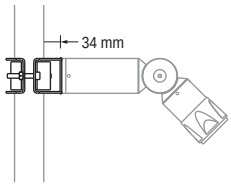
MH MR16 Halogen MR16

MOUNTING OPTIONS



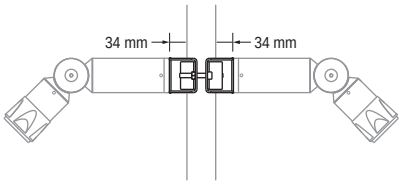


LS6025 Signage System



LS6023-1 Pole Clamp

Clamp range
38 mm - 78 mm pole diameter



LS6023-2 Double Pole Clamp

Clamp range
38 mm - 78 mm pole diameter

Finish Options For Accessories

Accessory	Code
Signage system	LS6025
Pole clamp	LS6023-1
Double pole clamp	LS6023-2

Finish	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

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IP66 IP67 CE

The LS421 is one of the most compact and versatile surface mount luminaires in its class, featuring integral electronic control gear. It is designed for all hard surfaces in any orientation. Choices of wattage, beam angles, light and glare control accessories are available.

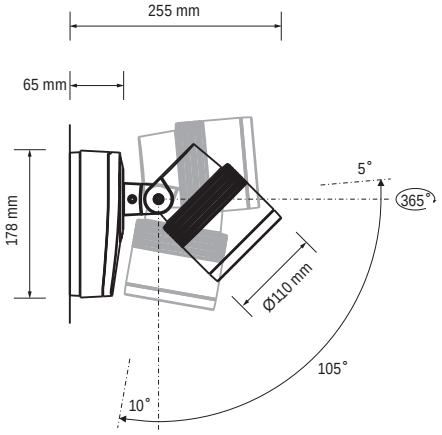
LED version see page 90.

LS421 Centria
Surface Mount

SPECIFICATIONS

Lamp Source	MH / HIT T4.5 (G8.5)	20 W, 35 W, 70 W
IP Rating	IP66 / IP67	
Construction	Powder coated aluminium ■ Black ■ Silver Custom powder coat colours available.	
Installation Type	Surface mount	
Standard Inclusion	Electronic control gear	
Ambient Operating Temperature	20 W, 35 W	-20 °C to +50 °C
	70 W	-20 °C to +40 °C
Warranty	2 year structural, 1 year electrical	
Accessories *Order separately*	**LS6064**-R/G/B/Y Dichroic filters **LS6065** Linear spreader lens **LS6066** Prismatic lens **LS6067** Concentric louvre **LS6104** External glare shield	
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files	
Surface Temperature	**HumanTouch™** compliant models ≤65 °C 20 W MH / HIT T4.5	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.



CONFIGURE THIS PRODUCT ›

LS421 → [ ] → [ ] → 1 → [ ]

SOURCE

Lamp	Base	Wattage	Code
T4.5	G8.5	20 W	211
T4.5	G8.5	35 W	212
T4.5	G8.5	70 W	213

OPTICAL SYSTEM

Beam		Code
Narrow	10°	XV
Medium	30°	XW
Flood	55°	XX
Wide flood	75°	XY

NOTE: Aims with luminaire.

SUPPLY VOLTAGE

Voltage	Code
220-240 V AC, 50/60 Hz	1

FINISH

Description	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

ACCESSORIES

LS6104
External glare shield

LS6067
Concentric louvre

LS6065
Linear spreader lens

OR

LS6066
Prismatic lens

LS6064-R/G/B/Y
Dichroic colour filter

XV / XW / XX / XY
Aluminium Reflector

Other accessory stacking options may be available - consult factory

humantouch™ opticlear™

IP66 IP67 CE

The LS431 is a remote gear, surface mount luminaire, suitable for use where the control gear can be conveniently housed close by. It is designed for all hard surfaces in any orientation. It is a low profile luminaire, which can be desirable in many architectural lighting applications. Choices of lamps, beam angles, light and glare control accessories are available.

LED version see page 91.

SPECIFICATIONS

Lamp Source	MH / HIT T4.5 (G8.5)	20 W, 35 W, 70 W
IP Rating	IP66 / IP67	
Construction	Powder coated aluminium ■ Black ■ Silver Custom powder coat colours available.	
Installation Type	Surface mount	
Ambient Operating Temperature	20 W, 35 W 70 W	-20 °C to +50 °C -20 °C to +40 °C
Warranty	2 year structural, 1 year electrical	
Accessories *Order separately*	**LS6064-R/G/B/Y** Dichroic filters **LS6065** Linear spreader lens **LS6066** Prismatic lens **LS6067** Concentric louvre **LS6104** External glare shield **LS6090** Remote electronic control gear for 20 W, 35 W, 70 W *Distance from lamp 1 m maximum.*	
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files	
Surface Temperature	**HumanTouch™** compliant models ≤65 °C 20 W MH / HIT T4.5	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

CONFIGURE THIS PRODUCT ›

LS431 [ ] [ ] R [ ]

SOURCE

Lamp	Base	Wattage	Code
T4.5	G8.5	20 W	211
T4.5	G8.5	35 W	212
T4.5	G8.5	70 W	213

OPTICAL SYSTEM

Beam		Code
Narrow	10°	XV
Medium	30°	XW
Flood	55°	XX
Wide flood	75°	XY

NOTE: Aims with luminaire.

CONTROL GEAR

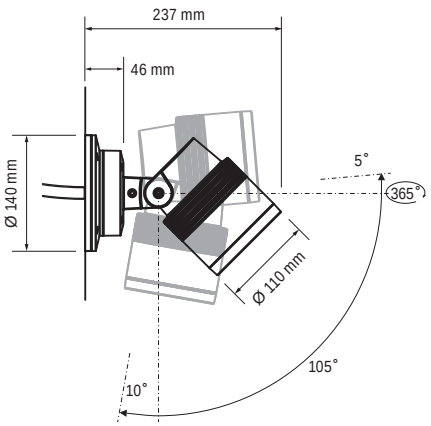
Description	Code
Remote ECG (1)	R

(1) Requires *LS6090* - order separately.

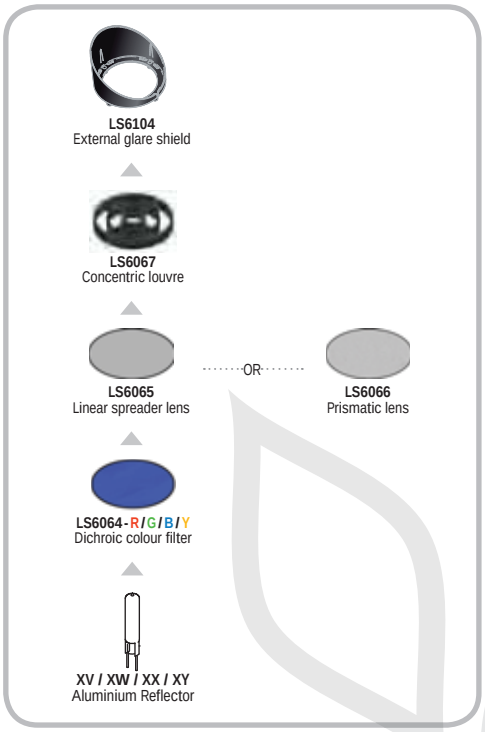
FINISH

Description	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

LS431 Centria
Surface Mount Remote Gear
(distance from lamp maximum 1 m)



ACCESSORIES



Other accessory stacking options may be available - consult factory

humantouch™ opticlear™

IP66 IP67 CE

The LS422 luminaire caters for a wide range of landscape lighting applications. Utilising spike mounting, the height of the luminaire allows the light head to stand above plantings for an unobstructed cast of light on the target. Choices of lamps, beam angles, light and glare control accessories are available.

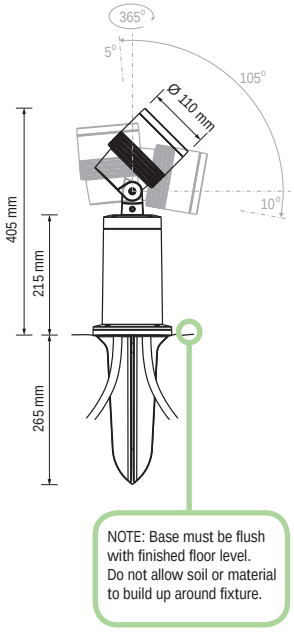
LED version see page 92.

SPECIFICATIONS

Lamp Source	MH / HIT T4.5 (G8.5)	20 W, 35 W, 70 W
IP Rating	IP66 / IP67	
Construction	Powder coated aluminium ■ Black ■ Silver Custom powder coat colours available.	
Installation Type	Concrete anchor	
Standard Inclusion	Electronic control gear	
Ambient Operating Temperature	20 W, 35 W 70 W	-20 °C to +50 °C -20 °C to +40 °C
Warranty	2 year structural, 1 year electrical	
Accessories *Order separately*	**LS6064-R/G/B/Y** Dichroic filters **LS6065** Linear spreader lens **LS6066** Prismatic lens **LS6067** Concentric louvre **LS6104** External glare shield	
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files	
Surface Temperature	**HumanTouch™** compliant models ≤65 °C 20 W	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS422 Centria
Concrete Anchor



NOTE: Base must be flush with finished floor level. Do not allow soil or material to build up around fixture.

CONFIGURE THIS PRODUCT ›

LS422 → [ ] → [ ] → 1 → [ ]

SOURCE

Lamp	Base	Wattage	Code
T4.5	G8.5	20 W	211
T4.5	G8.5	35 W	212
T4.5	G8.5	70 W	213

OPTICAL SYSTEM

Beam		Code
Narrow	10°	XV
Medium	30°	XW
Flood	55°	XX
Wide flood	75°	XY

NOTE: Aims with luminaire.

SUPPLY VOLTAGE

Voltage	Code
220-240 V AC, 50/60 Hz	1

FINISH

Description	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

ACCESSORIES

LS6104
External glare shield

LS6067
Concentric louvre

LS6065
Linear spreader lens

OR

LS6066
Prismatic lens

LS6064-R/G/B/Y
Dichroic colour filter

XV / XW / XX / XY
Aluminium Reflector

Other accessory stacking options may be available - consult factory

humantouch™ opticlear™

IP66 IP67 CE

The LS432 ground mounted luminaire caters for a wide range of landscape lighting applications. Utilising concrete pad mounting, the height of the luminaire allows the light head to stand above plantings for an unobstructed cast of light on the target. Choices of lamps, beam angles, light and glare control accessories are available.

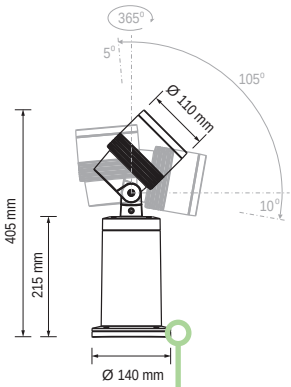
LED version see page 93.

SPECIFICATIONS

Lamp Source	MH / HIT T4.5 (G8.5)	20 W, 35 W, 70 W
IP Rating	IP66 / IP67	
Construction	Powder coated aluminium ■ Black ■ Silver Custom powder coat colours available.	
Installation Type	Post mount	
Standard Inclusion	Electronic control gear	
Ambient Operating Temperature	20 W, 35 W 70 W	-20 °C to +50 °C -20 °C to +40 °C
Warranty	2 year structural, 1 year electrical	
Accessories *Order separately*	**LS6064-**R/G/B/Y Dichroic filters **LS6065** Linear spreader lens **LS6066** Prismatic lens **LS6067** Concentric louvre **LS6104** External glare shield	
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files	
Surface Temperature	**HumanTouch™** compliant models ≤65 °C 20 W	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS432 Centria
Post Mount



NOTE: Base must be flush with finished floor level. Do not allow soil or material to build up around fixture.

CONFIGURE THIS PRODUCT ›

LS432 → [ ] → [ ] → 1 → [ ]

SOURCE

Lamp	Base	Wattage	Code
T4.5	G8.5	20 W	211
T4.5	G8.5	35 W	212
T4.5	G8.5	70 W	213

OPTICAL SYSTEM

Beam		Code
Narrow	10°	XV
Medium	30°	XW
Flood	55°	XX
Wide flood	75°	XY

NOTE: Aims with luminaire.

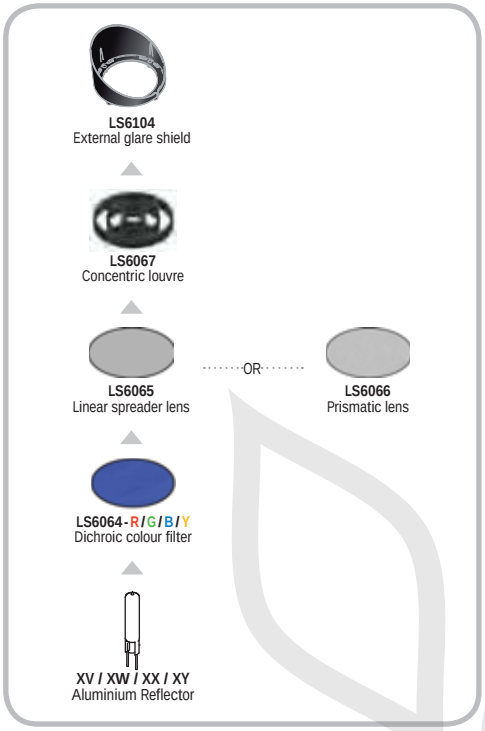
SUPPLY VOLTAGE

Voltage	Code
220-240 V AC, 50/60 Hz	1

FINISH

Description	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

ACCESSORIES



Other accessory stacking options may be available - consult factory

humantouch™ opticlear™ microantileach™

IP66 IP67 CE

The LS452 semi recessed Centria is ideal for signage illumination, wall washing and general landscape lighting applications where a low profile appearance is desired. LS452 provides an alternative to traditional inground uplighting allowing efficient focusing of the light whilst minimising spill. The IP68 stainless steel gear enclosure below ground ensures long life. Choices of lamps, beam angles, light and glare control accessories are available.

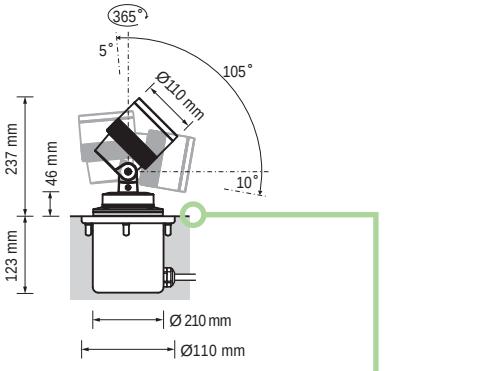
LED version see page 94.

SPECIFICATIONS

Lamp Source	MH / HIT T4.5 (G8.5)	20 W, 35 W, 70 W
IP Rating	IP66 / IP67	
Construction	Powder coated aluminium ■ Black ■ Silver Custom powder coat colours available.	
Glass	**OptiClear™**	
Installation Type	Semi recessed **LS647** mounting collar only **LS637-K** pre-installation concrete blockout (mains voltage)	
Standard Inclusion	**MicroAntiLeach™** cable entry Electronic control gear	
Ambient Operating Temperature	20 W, 35 W 70 W	-20 °C to +50 °C -20 °C to +40 °C
Warranty	1 year structural, 1 year electrical	
Accessories *Order separately*	**LS6104** External glare shield **LS6065** Linear spreader lens **LS6066** Prismatic lens **LS6067** Concentric louvre **LS6064-R/G/B/Y** Dichroic filters	
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files	
Surface Temperature	**HumanTouch™** compliant models ≤65 °C 20 W	

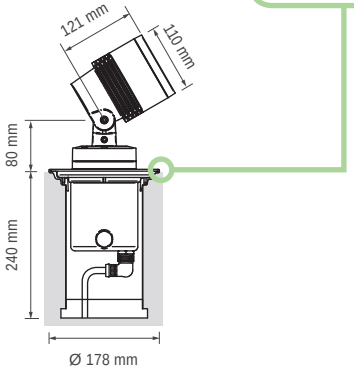
NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS452 Centria
Inground Gear Enclosure



Direct Burial

NOTE: Cover must be flush with finished floor level. Do not allow soil or material to build up around fixture.



Pre-installation
LS647-K or LS637-K - order separately

CONFIGURE THIS PRODUCT ›

LS452 [ ] [ ] [ ] [ ] [ ] [ ] 1 [ ]

SOURCE

Lamp	Base	Wattage	Code
T4.5	G8.5	20 W	211
T4.5	G8.5	35 W	212
T4.5	G8.5	70 W	213

COVER

Description	Material	Finish	Code
Recessed (1)	Stainless steel	Polished	B
Round flush (1) *Direct burial*	Stainless steel	Polished	D
Round flush (2) *Pre-install & mounting collar*	Stainless steel	Polished	M

(1) Not compatible with concrete blockout or mounting collar.
(2) Use only with concrete blockout LS637-K - order separately.

CABLE ENTRY TYPE

Description	Code
Armoured cable and J-Box (1)	81
Single gland entry, **MicroAntiLeach™** (2)	84
IP68 connector and J-Box (3)	85

(1) Not compatible with concrete blockout or mounting collar.
(2) Not compatible with concrete blockout.
(3) Use only with concrete blockout LS637-K - order separately.

NOTE: Consult factory for other cable entry options.
Consult factory for LS647 mounting collar for decks and grates.

OPTICAL SYSTEM

Beam		Code
Narrow	10°	XV
Medium	30°	XW
Flood	55°	XX
Wide flood	75°	XY

NOTE: Aims with luminaire.

INSTALLATION TYPE

Description	Code
Direct burial	21
Mounting collar only (1)	23
Pre-installation concrete blockout (2)	

(1) Requires *LS647* - order separately.
(2) Requires *LS637-K* - order separately.

CABLE ENTRY LOCATION

Description	Code
Side (1)	N
Bottom	Q

(1) Not compatible with pre-install or mounting collar.

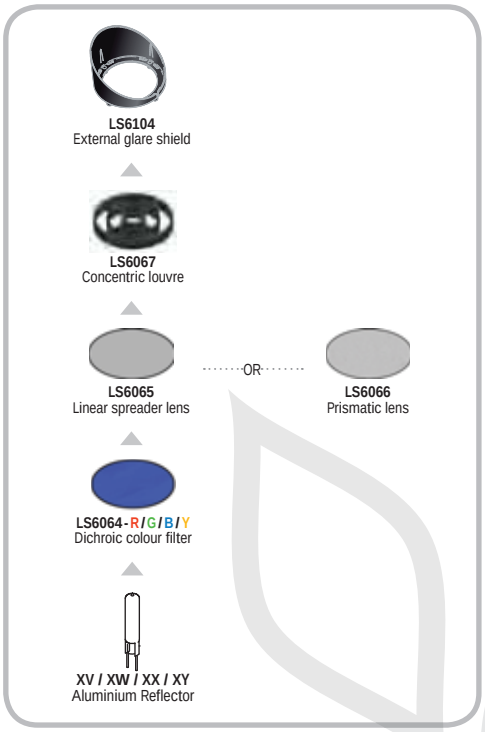
SUPPLY VOLTAGE

Voltage	Code
220-240 V AC, 50/60 Hz	1

FINISH

Description	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

ACCESSORIES



Other accessory stacking options may be available - consult factory

Redlands Performing Arts Centre - Cleveland, QLD Australia
LS471 Centria Wall Mount Up / Down

humantouch™ opticlear™

IP66 IP67 CE

The LS471 is the up / down column lighting version of the Centria series. It also performs well for illuminating large wall expanses. Reflectors with different beam angles can be fitted to each side. Integral electronic control gear is a standard feature of LS471. Choices of lamps, beam angles, light and glare control accessories are available.

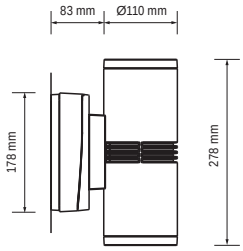
LED version see page 96.

SPECIFICATIONS

Lamp Source	MH / HIT T4.5 (G8.5) 2 x 20 W
IP Rating	IP66 / IP67
Construction	Powder coated aluminium ■ Black ■ Silver Custom powder coat colours available.
Installation Type	Wall mount
Standard Inclusion	Electronic control gear
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	2 year structural, 1 year electrical
Accessories *Order separately*	**LS6065** Linear spreader lens **LS6066** Prismatic lens **LS6067** Concentric louvre **LS6064-R/G/B/Y** Dichroic filters
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS471 Centria
Wall Mount Up / Down



CONFIGURE THIS PRODUCT ›

LS471 → 211 → [ ] → 1 → [ ]

SOURCE

Lamp	Base	Wattage	Code
2 x T4.5	G8.5	20 W (40 W)	211

OPTICAL SYSTEM

Description	Angle	Code
Narrow	10º	XV
Medium	30º	XW
Flood	55º	XX
Wide flood	75º	XY

NOTE: Aims with luminaire. Different beams may be selected for up and/or downlights.

SUPPLY VOLTAGE

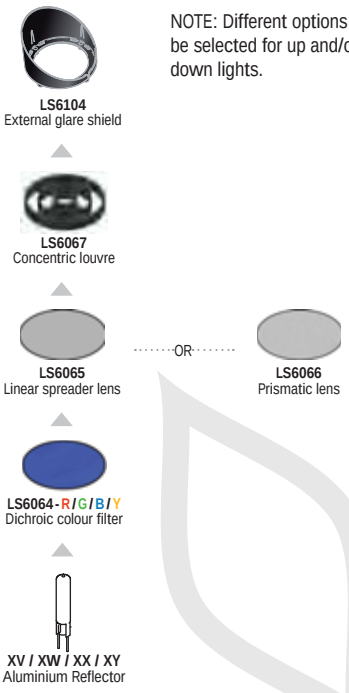
Voltage	Code
220-240 V AC, 50/60 Hz	1

FINISH

Description	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

ACCESSORIES

NOTE: Different options may be selected for up and/or down lights.



Other accessory stacking options may be available - consult factory

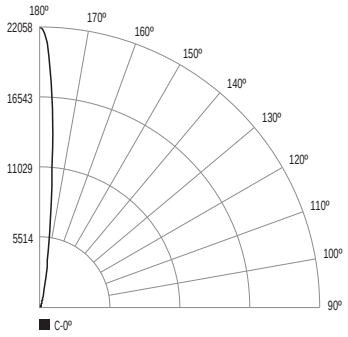
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

Centria 20 W MH
Narrow XV
10° Beam Angle

Power Input	24.3
Lumens	1034
Efficacy	42 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0
140°	5	5	5	5	6	6	6
150°	40	39	39	40	48	52	53
160°	256	265	262	275	281	299	311
170°	2386	2409	2449	2520	2655	2681	2912
180°	22058	22058	22058	22058	22058	22058	22058

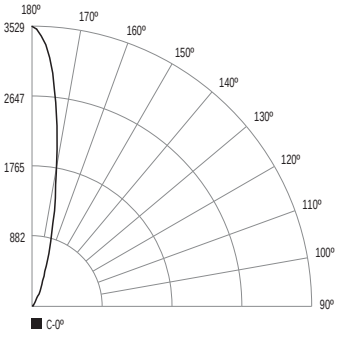
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	1650	16 cm
2	413	31 cm
3	183	47 cm
4	103	63 cm
5	66	78 cm

Centria 35 W MH
Medium XW
30° Beam Angle

Power Input	41.7
Lumens	1555
Efficacy	43 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	5	5	5	5	5	5	5
140°	27	25	24	24	24	25	25
150°	252	229	222	209	202	197	193
160°	1219	1149	1113	1067	1046	1009	969
170°	4294	4080	4003	3866	3791	3687	3646
180°	8202	8202	8202	8202	8202	8202	8202

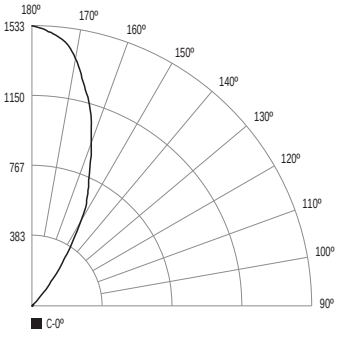
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	8202	35 cm
2	2051	70 cm
3	911	106 cm
4	513	141 cm
5	328	176 cm

Centria 70 W MH
Flood XX
45° Beam Angle

Power Input	24.3
Lumens	928
Efficacy	38 lm/W

Polar Candela Distribution

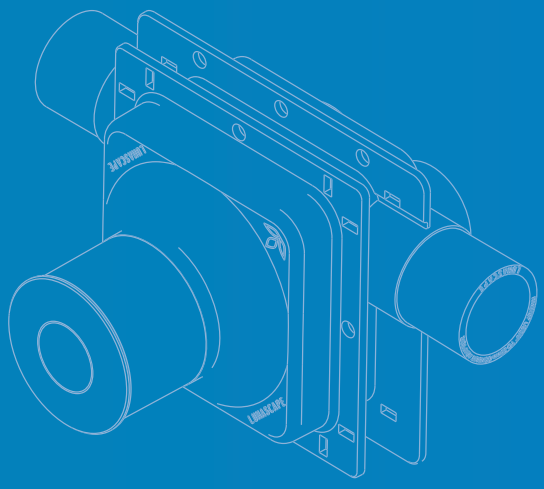


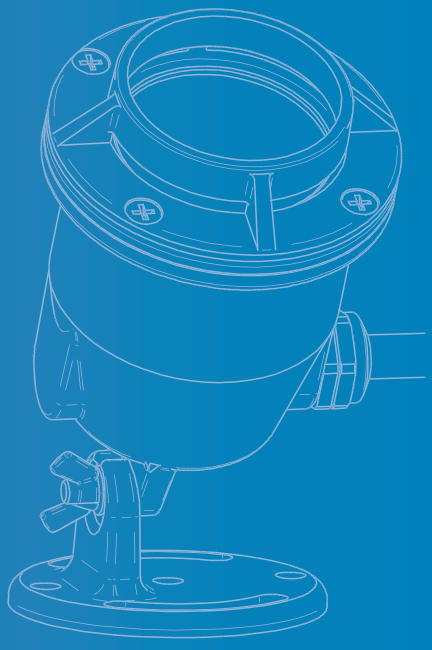
	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	6	5	5	4	4	4	4
140°	72	63	57	54	55	56	58
150°	423	399	389	382	378	381	386
160°	837	826	812	797	783	784	779
170°	1270	1258	1251	1246	1237	1230	1226
180°	1533	1533	1533	1533	1533	1533	1533

Illuminance at Distance

m	Center Beam lx	Beam Ø
1	1533	83 cm
2	383	166 cm
3	170	248 cm
4	96	331 cm
5	61	414 cm

Underwater





LED source

Private Residence - Noosa QLD, Australia
LS9405LED Vedita

microantileach™ opticlear™

IP68 CE

The LS9405LED has been specifically engineered for underwater use in pools and other water features. Several beam angles are available, ranging from narrow to wide. Constructed from 316 marine grade stainless steel the LS9405LED is built to last.

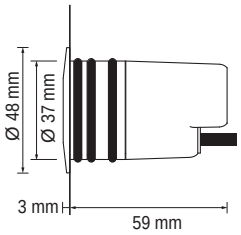
SPECIFICATIONS

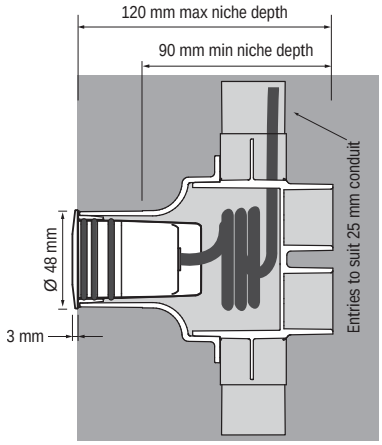
LED Source	LED 2 W [1] ☐ White (4300 K typical) ■ Warm white (3000 K typical) ■ Blue (470 nm) Availability of other colours on request. Minimum order quantities may apply.
Control Signal	PWM *Optional for 24 V DC and 12 V AC versions*
IP Rating	IP68
Submersion Depth	8 m
Construction	316 marine grade stainless steel bezel
Installation Type	Pre-installation concrete blockout niche *Supplied as standard*
Standard Inclusions	Integral driver with field intensity setting (page 242) **OptiClear™** glass **MicroAntiLeach™** cable entry 8 m cable
Dimmable	Using **LS6125** 0-10 V dimming *NOTE: 4 wires circuit required to be run to luminaire*
Ambient Operating Temperature	5 °C to 40 °C
Warranty	5 year structural, 3 year LED and driver
Accessories	**LS6125** 0-10 V dimmer system **LS6122** Wall plate dimmer
Photometrics	Refer to page 41

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.

LS9405LED Vedita





Pre-installation Concrete Blockout Niche

CONFIGURE THIS PRODUCT ›

LS9405LED → [ ] → **SS** → [ ] → [ ] → **27** → [ ]

LED SOURCE

Wattage	Colour	Code
2 W	White (4300 K typical)	2W4
	Warm white (3000 K typical)	2H4
	Blue (470 nm)	2B4

FINISH

Description	Code
Stainless steel	SS

OPTICAL SYSTEM

Beam		Code
Narrow	11°	N
Medium	20°	M
Wide	35°	W
Linear [1]	10° x 45°	L
Flood		F

[1] Linear with wall wash filter creates a linear horizontal beam.

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
24 V DC or 12 V AC dimmable *0-10 V dimmer system* [1]	27

[1] Requires 4 wires to run luminaire and *LS6125* - order separately.

Options

Options	Code
Standard	
Wall wash [1]	-W

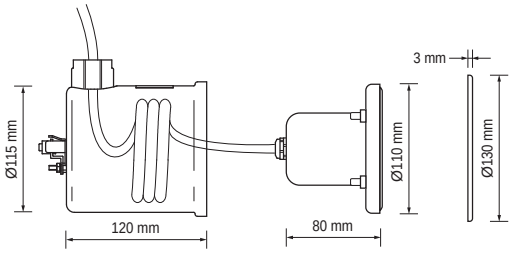
[1] Not applicable with flood beam.

microantileach™

IP68 CE

The LS333ANS-2LED is a swimming pool light and one of Lumascape's most popular luminaires, constructed entirely of 316 marine grade stainless steel. It has a special alignment feature to ensure the beam of light is perpendicular to the installation surface, even if the pre-installation blockout niche is not. This LED alternative to the halogen lamp option allows for the creative introduction of colour and improved energy efficiency.

LS333ANS-2LED



SPECIFICATIONS

LED Source	LED 3 W or 6 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) ■ Blue (470 nm) *Other colours by request* LED 6 W [1] RGB
IP Rating	IP68
Submersion Depth	2 m
Construction	316 marine grade stainless steel
Installation Type	Pre-installation blockout niche
Standard Inclusions	Integral driver with field intensity setting (page 242) Teflon coated cover screws **MicroAntiLeach™** cable entry Thermal cutout 5 m cable
Dimmable	Using **LS6125** 0-10 V dimming *NOTE: 4 wires circuit required to be run to luminaire*
Water Operating Temperature	5 °C to 40 °C
Warranty	5 year structural, 1 year electrical
Accessories *Order separately*	**LS6125** 0-10 V dimmer system **LS6122** Wall plate dimmer **LS67560-2** Remote RGB driver (master) plus **LS67550** (slave) (Type E installation "TYPE E Installation" on page 237)
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.

CONFIGURE THIS PRODUCT ›

LS333ANS-2LED → [ ] → [ ] → [ ]

LED SOURCE

Wattage	Colour	Code
3 W	White (4300 K typical)	3W4
	Warm white (3000 K typical)	3H6
	Blue (470 nm)	3B4
6 W	White (4300 K typical)	6W4
	Warm white (3000 K typical)	6H6
	Blue (470 nm)	6B4
	RGB [1]	6M4

[1] Must select voltage code R.

OPTICAL SYSTEM

Beam		Code
Narrow [1]	14°	N
Medium	30°	M
Wide	40°	W

[1] Not applicable for RGB.

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
24 V DC or 12 V AC [1] *non-dimmable*	7
24 V DC or 12 V AC [2] *dimmable 0-10 V dimmer system*	27
Remote RGB driver [3]	R

[1] Requires remote power supply or transformer - see page 239.

[2] Requires 4 wires to run luminaire and *LS6125* - order separately.

[3] RGB only. Requires *LS67560-2* - order separately.

microantileach™

IP68 CE

The LS275LED is a compact, surface mounted fountain light with a long history in high performance applications. Constructed of high pressure die-cast brass, this luminaire is best known for its corrosion resistance and flawless performance. This LED alternative to the halogen lamp option allows for the creative introduction of colour and improved energy efficiency.

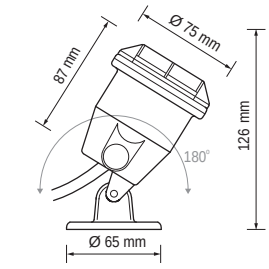
LS275LED Star II

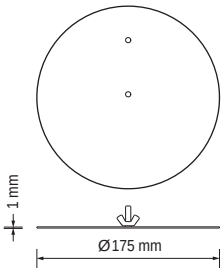
SPECIFICATIONS

LED Source	LED 6 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm) RGB *Other colours by request*
IP Rating	IP68
Submersion Depth	1.5 m
Construction	Die-cast brass
Installation Type	Surface mount
Standard Inclusions	Integral driver with field intensity setting (page 242) **MicroAntiLeach™** cable entry Thermal cutout 5 m cable *For extra cable length consult factory*
Dimmable	Using **LS6125** 0-10 V dimming *NOTE: 4 wires circuit required to be run to luminaire*
Water Temperature Rating	5 °C to 40 °C
Warranty	5 year structural, 3 year LED and driver
Accessories *Order separately*	**LS632** Mounting plate **LS6125** 0-10 V dimmer system **LS6122** Wall plate dimmer **LS67506** Remote RGB driver
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.





LS632 Mounting Plate

CONFIGURE THIS PRODUCT ›

LS275LED → [ ] → [ ] → [ ]

LED SOURCE

Wattage	Colour	Code
6 W	White (4300 K typical)	6W4
	Warm white (3000 K typical)	6H6
	Blue (470 nm)	6B4
	RGB [1]	6M4

[1] Must select voltage code R.

OPTICAL SYSTEM

Beam		Code
Narrow medium [1]	25°	NM
Medium	30°	M
Wide	40°	W

[1] Not applicable for RGB.

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
24 V DC or 12 V AC [1] *dimmable 0-10 V dimmer adaptor*	27
Remote RGB driver [2]	R

[1] Requires 4 wires to run luminaire and *LS6125* - order separately.

[2] Rquires *LS67506* - order separately.

Maroochydoore Surf Club - Sunshine Coast QLD, Australia
LS265LED Tristar

microantileach™

IP68 CE

The LS375LED is a compact, surface mounted fountain light designed for high performance applications. The lid and the base are constructed from high pressure die-cast brass whilst the body is constructed of a high strength submersible polymer. The lid and the base are coated with black nickel plating to match the black polymer body allowing the luminaire to be integrated into more places without appearing to dominate the architecture or water feature.

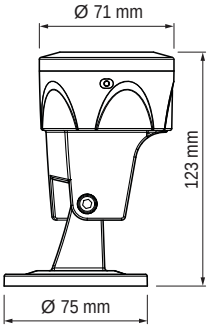
LS375LED Star III

SPECIFICATIONS

LED Source	LED 6 W or 9 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm) *Other colours by request* LED 9 W [1] RGB
IP Rating	IP68 to 10 m
Construction	Die-cast brass and high strength polymer
Installation Type	Surface mount
Standard Inclusions	**MicroAntiLeach™** cable entry Thermal cutout 8 m cable *For extra cable length consult factory*
Dimmable	Using **LS6125** 0-10 V dimming *NOTE: 4 wires circuit required to be run to luminaire*
Water Temperature Rating	5 °C to 40 °C
Ambient Operating Temperature	6 W -20 °C to 40 °C *NOTE: 9 W not suitable for operating out of water*
Warranty	5 year structural, 3 year LED and driver
Accessories *Order separately*	**LS6125** 0-10 V dimmer system **LS6122** Wall plate dimmer
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.



CONFIGURE THIS PRODUCT ›

LS375LED → [ ] → [ ] → 27

LED SOURCE

Wattage	Colour	Code
6 W	White (4300 K typical)	6W4
	Warm white (3000 K typical)	6H6
	Blue (470 nm)	6B4
9 W	White (4300 K typical)	9W4
	Warm white (3000 K typical)	9H6
	Blue (470 nm)	9B4
	RGB	9M4

OPTICAL SYSTEM

Beam		Code
Medium	30°	M
Wide	40°	W

[1] Not applicable for RGB.

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
24 V DC or 12 V AC [1] *dimmable 0-10 V dimmer system*	27

[1] Requires 4 wires to run luminaire and *LS6125* - order separately.

microantileach™

IP68 CE

The LS265LED is a high performance fountain light utilising LED technology. The durable Lumascape 316 marine grade stainless steel underwater luminaire and long life LED source are an ideal combination. The single colour version is designed to operate on standard 12 V AC magnetic transformers making the installation as simple as other low voltage underwater luminaires. The LS265LED has the added advantage of being supplied factory sealed, with no requirement to open the luminaire during installation. This luminaire can also operate in very shallow water.

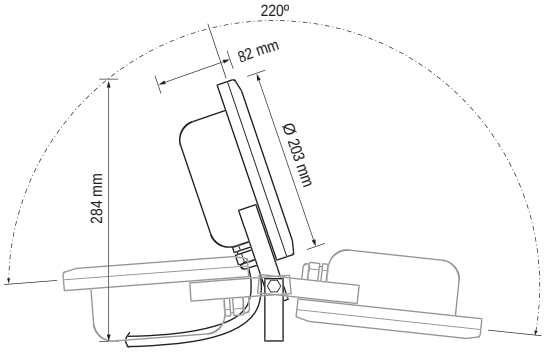
LS265LED Tristar

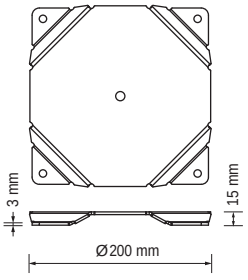
SPECIFICATIONS

LED Source	LED 28 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm) RGB
Control Signal	DMX / PWM - RGB only
IP Rating	IP68
Submersion Depth	2 m
Construction	316 marine grade stainless steel
Installation Type	Bracket mount
Standard Inclusions	Teflon coated cover screws **MicroAntiLeach™** cable entry 5 m cable
Ambient Operating Temperature	5 °C to 40 °C
Warranty	5 year structural, 1 year electrical
Accessories *Order separately*	**LS6074** Mounting plate
Photometrics	Refer to page 123

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

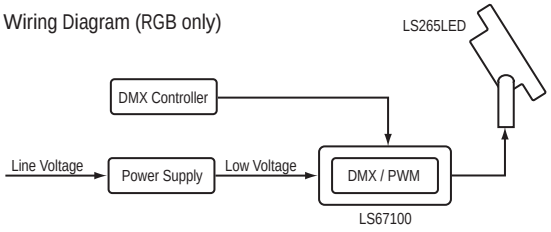
[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.





LS6074 Mounting Plate

Wiring Diagram (RGB only)



CONFIGURE THIS PRODUCT ›

LS265LED → [ ] → [ ] → **7**

LED SOURCE

Wattage	Colour	Code
28 W	White (4300 K typical)	**28W4**
	Warm white (3000 K typical)	**28H6**
	Blue (470 nm)	**28B4**
	RGB	**28M4**

OPTICAL SYSTEM

Beam		Code
Narrow [1]	17°	**N**
Medium	30°	**M**
Linear horizontal [1]	40° x 20°	**LH**
Linear vertical [1]	20° x 40°	**LV**

[1] Not applicable for RGB.

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
12 V AC [1]	**7**

[1] Requires remote transformer - see page 239.

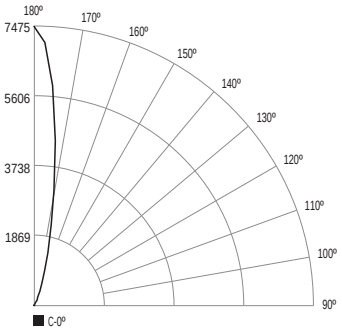
Photometrics

IES data is available at www.lumascape.com.au ▸ Technical Data ▸ Photometric Files.

LS265LED
4300 K
17° Beam Angle

Power Input	27.8 W
Lumens	1023
Efficacy	37 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	5	5	5	5	6	6	6
140°	24	24	25	26	28	29	29
150°	99	104	113	119	123	127	126
160°	562	577	590	613	635	646	647
170°	3015	2997	3044	3087	3154	3215	3262
180°	7475	7475	7475	7475	7475	7475	7475

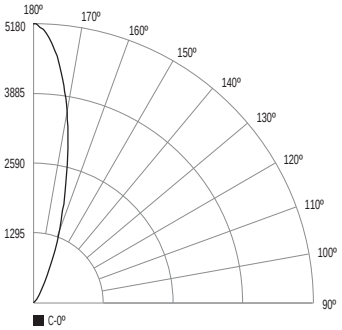
Illuminance at Distance

m	Center Beam lx	Beam Ø
1	7475	30 cm
2	1869	61 cm
3	831	91 cm
4	467	121 cm
5	299	152 cm

LS265LED
4300 K
30° Beam Angle

Power Input	30.5 W
Lumens	1612
Efficacy	53 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	3	2	2	2	2	3	3
130°	23	24	23	23	23	23	24
140°	88	82	95	94	91	86	83
150°	380	377	376	373	376	373	379
160°	1463	1453	1448	1442	1437	1421	1441
170°	3689	3691	3700	3703	3687	3667	3693
180°	5180	5180	5180	5180	5180	5180	5180

Illuminance at Distance

m	Center Beam lx	Beam Ø
1	5180	51 cm
2	1295	102 cm
3	576	153 cm
4	324	204 cm
5	207	256 cm

standard lamp source

Crown Metropol - Melbourne VIC, Australia
LS333ANS-2 underwater luminaire

microantileach™

IP68 CE

The LS333ANS-2 is a swimming pool light and one of Lumascape's most popular luminaires, constructed entirely of 316 marine grade stainless steel. It has a special alignment feature to ensure the beam of light is perpendicular to the installation surface, even if the pre-installation blockout niche is not. An LED alternative to the halogen lamp option allows for the creative introduction of colour and improved energy efficiency.

LED version see page 118.

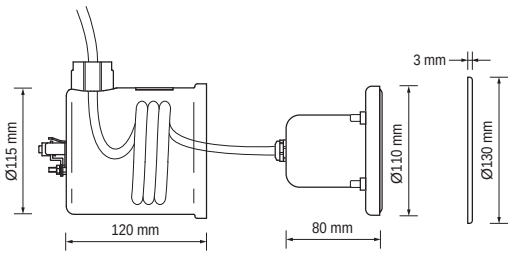
LS333ANS-2

SPECIFICATIONS

Lamp Source	Halogen MR16 IRC (GU5.3)	75 W [1]
IP Rating	IP68	
Submersion Depth	2 m	
Construction	316 marine grade stainless steel	
Installation Type	Pre-installation blockout niche	
Standard Inclusions	Teflon coated cover screws **MicroAntiLeach™** cable entry Thermal cutout 3 m cable (other lengths available)	
Water Temperature Rating	5 °C to 40 °C	
Warranty	5 year structural, 1 year electrical	
Accessories *Order separately*	**LLLS** Linear spreader lens **LS643-R/G/B/Y** Dichroic filters	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.



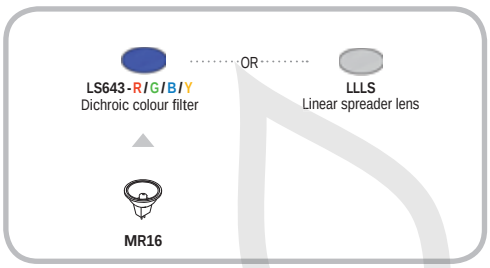
CONFIGURE THIS PRODUCT ›

LS333ANS-2 → [ ]

SOURCE					CABLE LENGTH	
Lamp	**Wattage**	**Base**	**Voltage**	**Code**	**Length**	**Code**
Halogen MR16	75 W max	GU5.3	12 V AC [1]	**LS333ANS-2**	3 m standard	
					5 m	**1605**
					8 m	**1608**

[1] Requires remote transformer - see page 239.

ACCESSORIES



Other accessory stacking options may be available - consult factory

Convention Centre - Brisbane QLD, Australia
LS275A Star II underwater luminaire

microantileach™

IP68 CE

The LS275 is a compact, surface mounted fountain light with a long history in high performance applications. Constructed of high pressure die-cast brass, this luminaire is best known for its corrosion resistance and flawless performance. An LED alternative to the halogen lamp option allows for the creative introduction of colour and improved energy efficiency.

LED version see page 119.

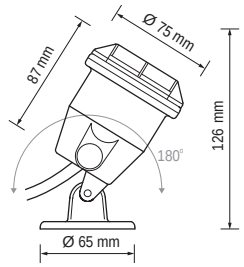
SPECIFICATIONS

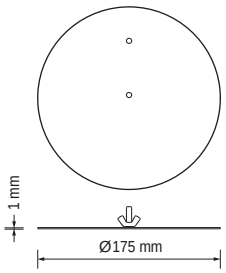
Lamp Source	Halogen MR16 (GU5.3) 50 W max [1]
IP Rating	IP68
Submersion Depth	1.5 m
Construction	Die-cast brass
Installation Type	Surface mount
Standard Inclusions	**MicroAntiLeach™** cable entry Thermal cutout 5 m cable *For extra cable length consult factory*
Water Temperature Rating	5 °C to 40 °C
Warranty	5 year structural, 1 year electrical
Accessories *Order separately*	**LS632** Mounting plate **LLLS** Linear spreader lens **LS643-R/G/B/Y** Dichroic filters
Photometrics	Use photometry files from your lamp manufacturer

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

LS275A Star II





LS632 Mounting Plate
Order separately

CONFIGURE THIS PRODUCT ›

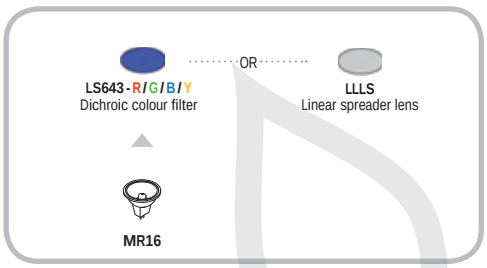
LS275 → A-2

SOURCE

Lamp	Wattage	Base	Voltage	Code
Halogen MR16	50 W max	GU5.3	12 V AC [1]	A-2

[1] Requires remote transformer - see page 239.

ACCESSORIES



Other accessory stacking options may be available - consult factory

microantileach™

IP68 CE

The LS265A-1 Tristar is a high performance fountain light utilising halogen lamps. The durable Lumascape 316 marine grade stainless steel underwater luminaire and halogen source are an ideal combination. The luminaire is designed to operate on standard 12 V AC magnetic transformers making the installation as simple as other low voltage underwater luminaires. The LS265LED version has the added advantage of being supplied factory sealed, with no requirement to open the luminaire during installation. This luminaire can also operate in very shallow water.

LED version see page 122.

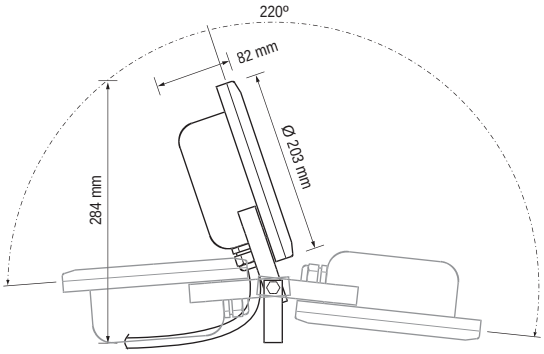
SPECIFICATIONS

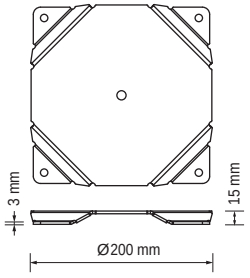
Lamp Source	Halogen MR16 (GU5.3) *Suitable for constant submersion*	3 x 50 W max [1]
IP Rating	IP68	
Submersion Depth	2 m	
Construction	316 marine grade stainless steel	
Installation Type	Bracket mount	
Standard Inclusions	Teflon coated cover screws **MicroAntiLeach™** cable entry 5 m cable	
Ambient Operating Temperature	5 °C to 40 °C	
Warranty	5 year structural, 1 year electrical	
Accessories *Order separately*	**LS6074** Mounting plate **LLLS** Linear spreader lens **LS643-R/G/B/Y** Dichroic filters	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

LS265A-1 Tristar





LS6074 Mounting Plate
Order separately

CONFIGURE THIS PRODUCT ›

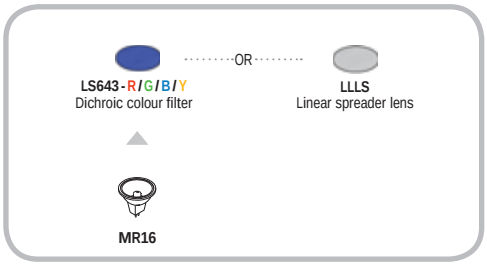
LS265 → A-1

SOURCE

Lamp	Wattage	Base	Voltage	Finish	Code
3 x Halogen MR16	3 x 50 W max	G5.3	12 V AC [1]	Stainless steel	A-1

[1] Requires remote transformer - see page 239.

ACCESSORIES



Other accessory stacking options may be available - consult factory

microantileach™

IP68 CE

The LS265A-3 Halostar is a high performance fountain luminaire ideally suited to applications where reliability is of utmost importance. The 316 marine grade stainless steel construction and guaranteed IP68 rating ensures a long and uninterrupted service life, proven over the years in projects around the world. With choices in adjustability and the availability of a mounting plate, positional versatility is another key aspect of this luminaires. The LS265A-3 luminaire can also operate in very shallow water.

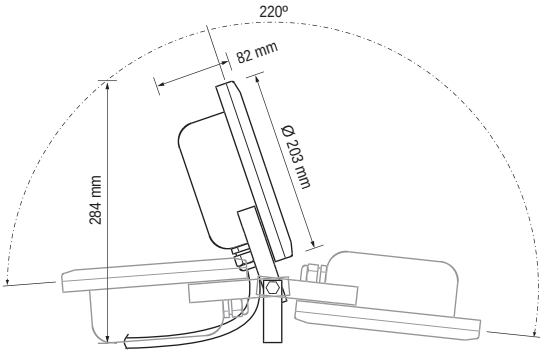
SPECIFICATIONS

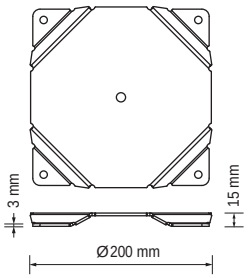
Lamp Source	Halogen R111 (G53) 100 W [1] *Suitable for constant submersion*
IP Rating	IP68
Submersion Depth	2 m
Construction	316 marine grade stainless steel
Installation Type	Bracket mount
Standard Inclusions	Teflon coated cover screws **MicroAntiLeach™** cable entry 5 m cable *For extra cable length consult factory*
Ambient Operating Temperature	5 °C to 40 °C
Warranty	5 year structural, 1 year electrical
Accessories *Order separately*	**LS6074** Mounting plate

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

LS265A-3 Halostar





LS6074 Mounting Plate
Order separately

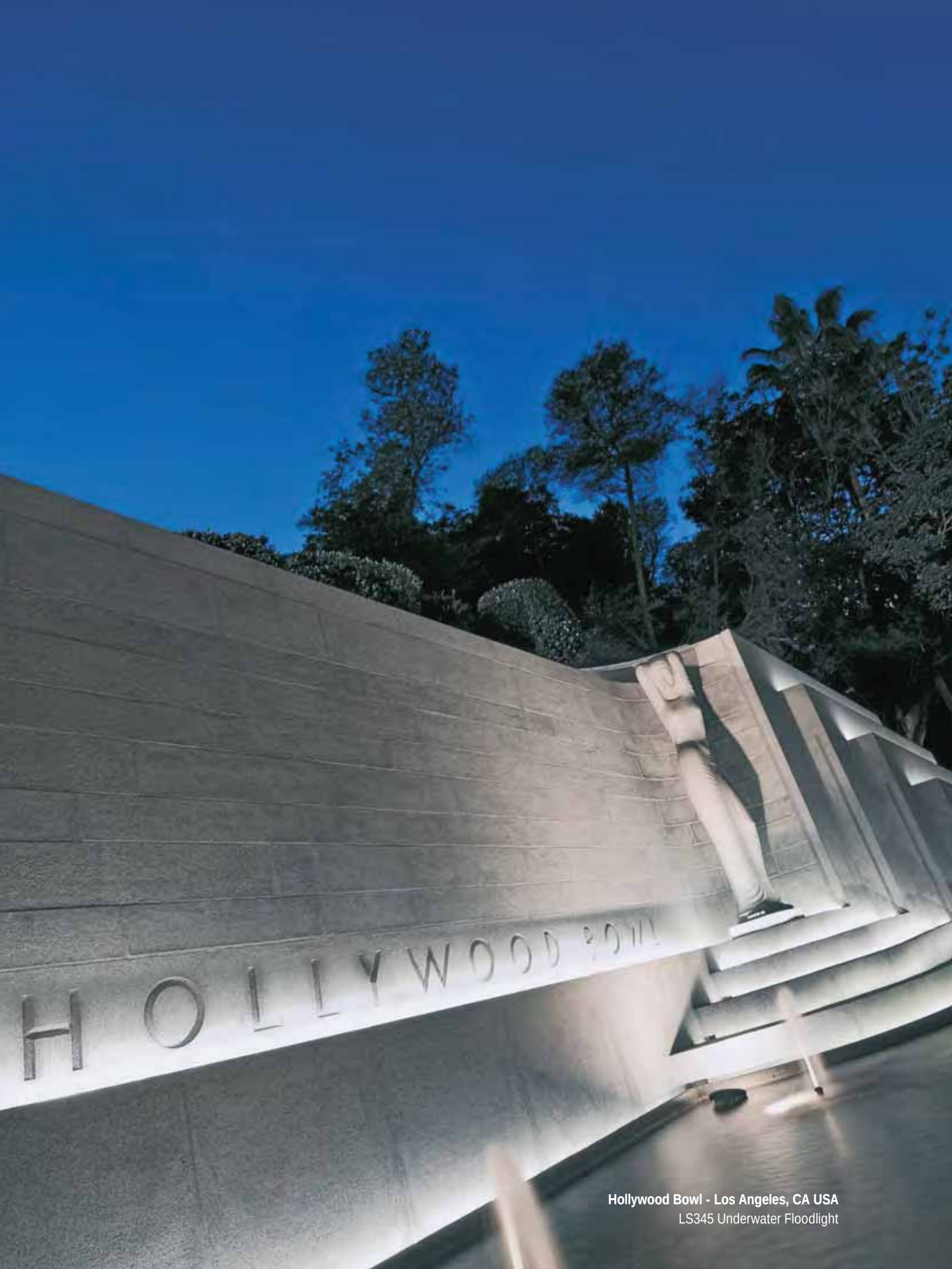
CONFIGURE THIS PRODUCT ›

LS265 → A-3

SOURCE

Lamp	Wattage	Base	Voltage	Finish	Code
Halogen R111	100 W max	G53	12 V AC [1]	Stainless steel	A-3

[1] Requires remote transformer - see page 239.



Hollywood Bowl - Los Angeles, CA USA
LS345 Underwater Floodlight

microantileach™ opticlear™ OPTIONAL pureOptics™ OPTIONAL

IP68 CE

The LS345 is a high grade surface mount underwater luminaire, ideal for use in harsh environments such as seawater or where high power lamps are required. The 316 marine grade stainless steel housing is totally sealed and has a rating equivalent to submersion up to 10 m underwater. Availability of **PureOptics™**, choices of lamp type, different beam angles and accessories make this versatile luminaire suitable for a wide range of underwater applications.

SPECIFICATIONS

Lamp Source	MH / HIT T6 (G12)	35 W, 70 W
	MH CDM-R111 (GX8.5)	35 W, 70 W
	MH PAR30 (E26 / E27 medium)	35 W, 70 W
	MH PAR38 (E26 / E27 medium)	70 W max
IP Rating	IP68	
Submersion Depth	10 m	
Construction	316 marine grade stainless steel	
Installation Type	Surface mount	
Standard Inclusions	Teflon coated cover screws	
	MicroAntiLeach™ cable entry	
	Thermal cutout	
	Humidity absorbing desiccant	
	3 m cable	
Ambient Operating Temperature	5 °C to 40 °C	
Warranty	5 year structural, 1 year electrical	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS345 Underwater Floodlight

CONFIGURE THIS PRODUCT ›

LS345 → [ ] → [ ] → [ ]

SOURCE

Lamp	Wattage	Base	Code
MH / HIT T6	35 W	G12	223
	70 W	G12	221
MH / HIT T6 ECG (1)	35 W	G12	226
	70 W	G12	225
MH / PAR30 ECG (1)	35 W	E26 / E27 med.	226
	70 W	E26 / E27 med.	225
MH / PAR30	35 W	E26 / E27 med.	223
MH / PAR38	70 W	E26 / E27 med.	221
MH CDM-R111	35 W	GX8.5	226
	70 W	GX8.5	225

OPTICAL SYSTEM

Description	Reflector	Beam	Code
Adjustable	PureOptics™	Narrow 10°	AV
		Medium 20°	AW
		Flood 50°	AX
		Wide flood 60°	AY
Adjustable	Aluminium	Narrow 10°	XV
		Medium 30°	XW
		Flood 70°	XX
		Wide flood 140°	XY
Adjustable			AR
Adjustable			AJ

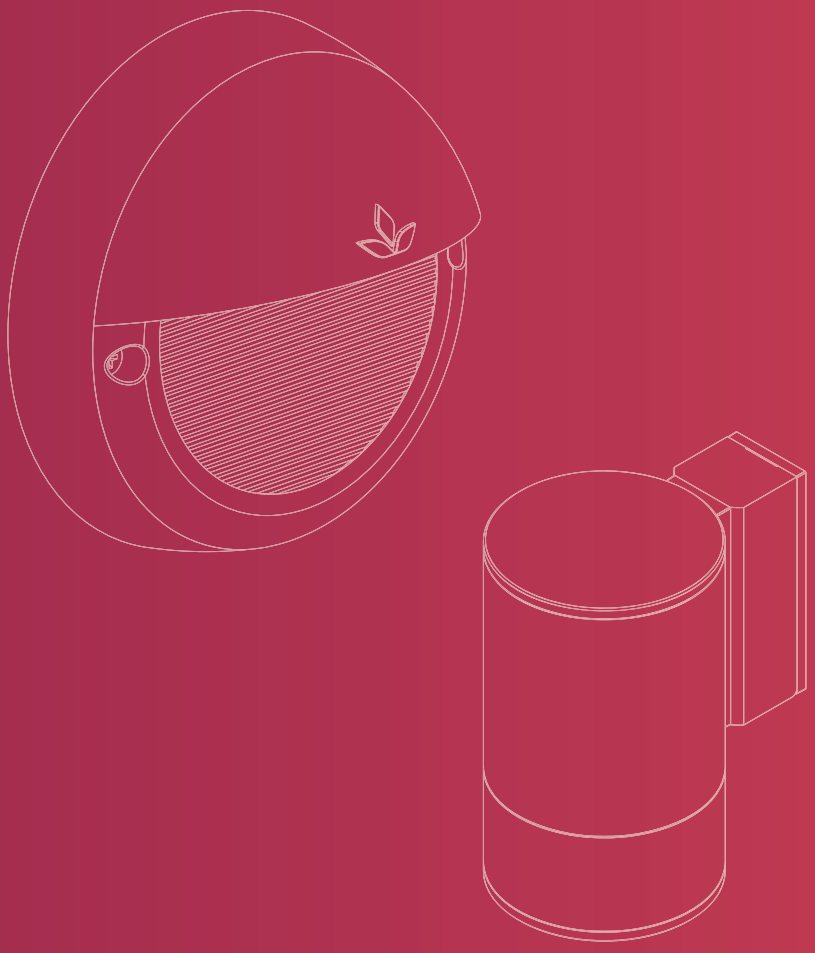
SUPPLY VOLTAGE

Voltage	Code
240 V AC 50 Hz	1
220 V AC 50 Hz	3
220 V AC 60 Hz	5

(1) ECG - Electronic Control Gear.

Bang & Olufsen - Brisbane QLD, Australia
LS501 Metro

Wall Mount



LED source

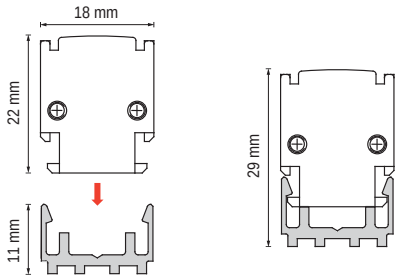
31 Queen Street - Melbourne VIC, Australia
LS931LED Lineo

humantouch™

IP67 CE

This streamlined and versatile lighting solution can be applied to installations requiring long lengths of continuous lighting. Providing a stylish and elegant lighting ambiance, the LS931LED is available in lengths up to 2 m in increments of 200 mm.

LS931LED Lineo



SPECIFICATIONS

LED Source	LED 2 W segments (1) ☐ White (5800 K typical) Warm white (3000 K typical) Blue (470 nm) LED 2.5 W segments (1) RGB Availability of other colours on request. Minimum order quantities may apply.
Control Signal	Available to suit 1-10 V input for dimming DALI and DMX compatible. Refer to page 245.
IP Rating	IP67
Construction	Anodised aluminium
Lens	UV stabilised clear acrylic
Mounting	Polymer quick clip-on mounting system
Cable Length	3 m standard Other lengths available on request.
Ambient Operating Temperature	-20 °C to 50 °C
Warranty	2 year structural, 12 month electrical
Accessories	Requires remote power supply. Refer to page 239.
Photometrics	Refer below

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

(1) Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.

CONFIGURE THIS PRODUCT ›

LS931LED → [ ] → [ ]

LED SOURCE			
Voltage	**Wattage**	**Colour**	**Code**
24 V DC (1)	2 W	White (5800 K typical)	**W**
		Warm white (3000 K typical)	**H**
		Blue (470 nm)	**B**
	2.5 W	RGB	**M**

SEGMENTS	
Number	**Code**
Select 1 to 10 ►	

NOTE: You can select up to a maximum of 10 segments. Segments are 200 mm in length.

(1) Requires remote power supply - see page 239.

IMPORTANT NOTE:

To calculate total length of luminaire:

Lineo consists of multiples of 200 mm 'segments'.
Total length = number of segments x 200 mm + 25 mm.
e.g. 5 x 200 mm + 25 mm = 1025 mm.

To calculate total power requirement:

Each Lineo consists of 200 mm 'segments', each 2 watts.
Total wattage = number of segments x 2 watts.
e.g 5 x 2 watts = 10 watts.
Power supply capacity must be equal to, or larger than this number.

HOW TO SPECIFY...

1. LED SOURCE
   Select preferred LED colour or RGB.
2. SEGMENTS
   Select the number of segments you require. Please note that 10 is the maximum number of segments the LS931LED Lineo can have.

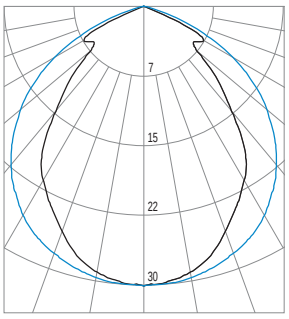
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸ Technical Data ▸ Photometric Files.

LS931LED 5800 K

Power Input	1.3
Lumens	61
Efficacy	47 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	30	30	30	30	30	30	30
10°	29	29	29	29	29	29	29
20°	26	27	27	27	27	27	27
30°	24	24	24	24	24	25	25
40°	21	20	20	20	20	20	20
50°	10	12	13	14	14	15	15
60°	6	5	5	6	8	8	8
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at Distance

m	Center Beam lx
1	30
2	7
3	3
4	2
5	1

microantileach™ opticlear™

IP68 CE

The LS9406LED is designed with a large flange and countersunk screw holes to secure the luminaire to the wall. Several beam angles are available, ranging from narrow to wide. Also an asymmetric wall wash lens option and flood/marker optics are available. Constructed from 316 marine grade stainless steel the LS9406LED is built to last.

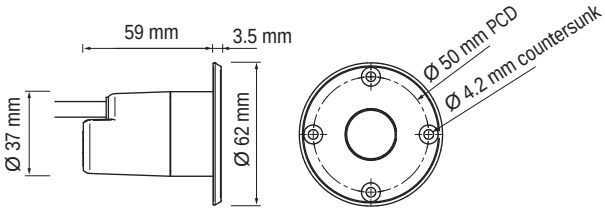
LS9406LED Vedita

SPECIFICATIONS

LED Source	LED 2 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm) Availability of other colours on request. Minimum order quantities may apply.
Control Signal	PWM *Optional for 24 V DC and 12 V AC versions*
IP Rating	IP68
Construction	316 marine grade stainless steel bezel
Installation Type	Screw fixed through flange
Standard Inclusions	Integral driver with field intensity setting (page 242) **OptiClear™** glass **MicroAntiLeach™** cable entry 2 m cable
Dimmable	Using **LS6125** 0-10 V dimming *NOTE: 4 wires circuit required to be run to luminaire*
Ambient Operating Temperature	5 °C to 40 °C
Warranty	5 year structural, 3 year LED and driver
Accessories	**LS6125** 0-10 V dimmer system **LS6122** Wall plate dimmer
Photometrics	Refer to page 41

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.



CONFIGURE THIS PRODUCT ›

LS9406LED → [ ] → SS → [ ] → 27 → [ ]

LED SOURCE

Wattage	Colour	Code
2 W	White (4300 K typical)	2W4
	Warm white (3000 K typical)	2H4
	Blue (470 nm)	2B4

FINISH

Description	Code
Stainless steel	SS

OPTICAL SYSTEM

Beam		Code
Narrow	11°	N
Medium	20°	M
Wide	35°	W
Linear [1]	10° x 45°	L
Flood		F

[1] Linear with wall wash filter creates a linear horizontal beam.

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
24 V DC or 12 V AC dimmable *0-10 V dimmer system* [1]	27

[1] Requires 4 wires to run luminaire and *LS6125* - order separately.

Options

Options	Code
Standard	
Wall wash [1]	-W

[1] Not applicable with flood beam.

humantouch™

IP67 CE

The LS371LED is a high pressure diecast brass luminaire featuring an IP67 rating. The LED version offers both line voltage and low voltage options, and is ideal where a lower surface temperature is required. Impressively, the 2 W LED version generates virtually the same horizontal illuminance as the 20 W halogen, making the LED a true performance based alternative.

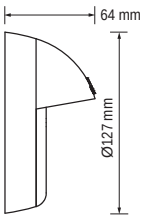
SPECIFICATIONS

LED Source	LED 2 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm) *Other colours by request*
IP Rating	IP67
Construction	Die-cast brass shot blasted standard Polished Powder coated black Powder coated silver Powder coated Superchrome
Installation Type	Wall mount
Standard Inclusion	Integral driver with field intensity setting (page 242)
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	5 year structural, 1 year electrical
Photometrics	Refer below
Surface Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

LS371A Boulevard
Shot blasted brass



CONFIGURE THIS PRODUCT ›

LS371LED → [ ] → [ ] → [ ]

LED SOURCE

Lamp	Wattage	Colour	Code
LED	2 W	White (4300 K typical)	2W4
		Warm white (3000 K typical)	2H4
		Blue (470 nm)	2B4

SUPPLY VOLTAGE

Voltage	Code
110-240 V AC 50/60 Hz	1
24 V DC or 12 V AC [1]	7

[1] Requires remote power supply or transformer - see page 239.

FINISH

Description	Material	Code
Shot blasted	Brass standard	
Polished	Brass	P
Powder coated black	Brass	CB
Powder coated silver	Brass	CS
Powder coated Superchrome	Brass	CA

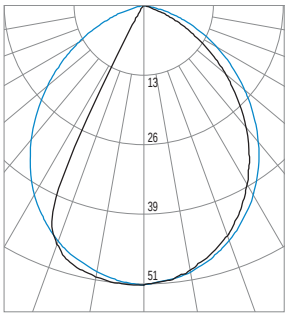
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

LS371LED 4300 K

Power Input	3.1
Lumens	86
Efficacy	28 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	51	51	51	51	51	51	51
10°	49	49	49	49	49	50	50
20°	45	45	45	45	46	46	46
30°	38	38	38	39	39	40	45
40°	29	30	30	31	31	32	33
50°	20	20	21	22	23	24	24
60°	11	11	12	13	14	15	16
70°	3	3	4	5	6	7	8
80°	0	0	0	0	0	0	1
90°	0	0	0	0	0	0	0

Illuminance at Distance

m	Center Beam lx
1	51
2	13
3	6
4	3
5	2

humantouch™

IP67 CE

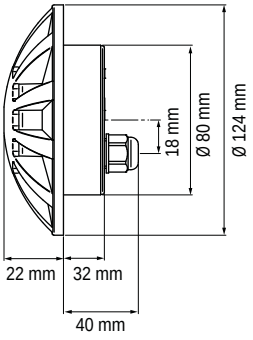
The LS861LED is a wall mounted luminaire with linear styling complementary to modern architectural designs. Featuring a 12 point aperture for a spectacular spray of wall wash light and stainless steel finish this luminaire is ideal for any wallmount application.

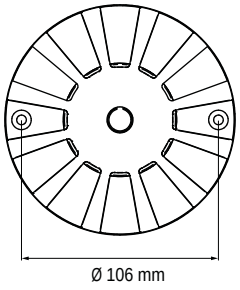
LS861LED

SPECIFICATIONS

Lamp Source	2 W LED - Luxeon Rebel
IP Rating	IP67
Construction	Powder coated aluminium ☐ Powder coated white ■ Powder coated black ■ Powder coated silver ■ Powder coated Superchrome Machined staniless steel
Installation Type	Wall mount
Standard Inclusions	Thermal cutout Pre-installation niche *(with code 23 option)*
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	2 year structural, 1 year electrical
Photometrics	Refer below
Surface Temperature	**HumanTouch™** compliant ≤65 °C

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.





CONFIGURE THIS PRODUCT ›

LS861LED → [ ] → [ ] → 12 → [ ] → 27

LED SOURCE

Wattage	Colour	Code
2 W	White (4300 K typical)	2W4
	Warm white (3000 K typical)	2H4
	Blue (470 nm)	2B4

FINISH

Description	Material	Code
Stainless		SS
Powder coat white	Aluminium	CW
Powder coat black	Aluminium	CB
Powder coat anodic silver	Aluminium	CS
Powder coat Superchrome	Aluminium	CA

APERTURES

Number	Code
Twelve	12

INSTALLATION TYPE

Installation	Code
Direct burial	21
Pre-installation	23

SUPPLY VOLTAGE

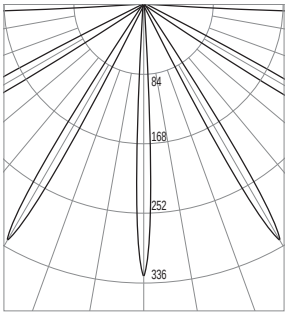
Voltage	Code
24 V DC or 12 V AC [1]	27

[1] Requires remote power supply or transformer - see page 239.

PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

Polar Candela Distribution



Newstead Brisbane QLD, Australia
LS563 LED Vedi

standard lamp source

Platinum Apartments - New Farm QLD, Australia
LS491 Moda

humantouch™

IP65 CE

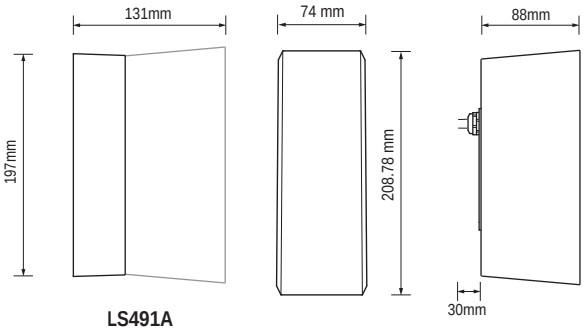
The LS491 is a wall mounted luminaire with linear styling complementary to modern architectural designs. Featuring a screwless appearance, the Moda is available with a transformer base for line voltage wiring. For a more compact appearance a remote transformer can be used.

SPECIFICATIONS

Lamp Source	Halogen MR16 (GU5.3) *Low voltage lamp*	2 x 20 W max
	Halogen MR16 (GU10) *Line voltage lamp*	2 x 20 W max
IP Rating	IP65	
Construction	Powder coated aluminium ■ Black ■ Silver	
Installation Type	Wall mount	
Standard Inclusions	Thermal cutout Toughened frosted glass lens	
Ambient Operating Temperature	-20 °C to +50 °C	
Warranty	2 year structural, 1 year electrical	
Accessories *Order separately*	**LSTE4-2** Integral transformer	
Photometrics	Use photometry files from your lamp manufacturer	
Surface Temperature	**HumanTouch™** compliant	
≤65 °C	2 x 20 W max MR16	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS491 Moda



LS491A
with *LSTE4-2* integral transformer

CONFIGURE THIS PRODUCT ›

LS491 → [ ] → [ ]

SOURCE

Lamp	Wattage	Base	Voltage	Code
Halogen MR16	2 x 20 W	GU5.3	12 V [1]	A
		GU10	Line voltage	V

FINISH

Description	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

[1] Requires integral *LSTE4-2* or remote transformer - see page 239.

humantouch™

IP65 CE

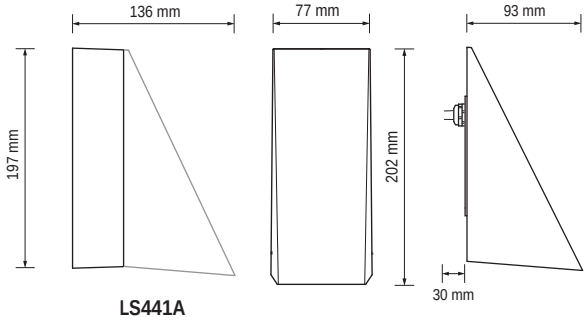
The LS441 is a wall mounted luminaire with linear styling complementary to modern architectural designs. Featuring a screwless appearance, the Moda is available with a transformer base for line voltage wiring. For a more compact appearance a remote transformer can be used.

SPECIFICATIONS

Lamp Source	Halogen MR16 IRC (GU5.3) *Low voltage lamp*	35 W max
	Halogen MR16 (GU10) *Line voltage lamp*	35 W max
IP Rating	IP65	
Construction	Powder coated aluminium ■ Black ■ Silver	
Installation Type	Wall mount	
Standard Inclusions	Thermal cutout Toughened frosted glass lens	
Ambient Operating Temperature	-20 °C to +50 °C	
Warranty	2 year structural, 1 year electrical	
Accessories *Order separately*	**LSTE4-2** Integral transformer	
Photometrics	Use photometry files from your lamp manufacturer	
Surface Temperature	**HumanTouch™** compliant	
≤65 °C	35 W max MR16	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS441 Wedge



LS441A
with *LSTE4-2* integral transformer

CONFIGURE THIS PRODUCT ›

LS441 → [ ] → [ ]

SOURCE

Lamp	Wattage	Base	Voltage	Code
Halogen MR16	35 W max	GU5.3	12 V (1)	A
		GU10	Line voltage	V

FINISH

Description	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

(1) Requires integral *LSTE4-2* or remote transformer - see page 239.

IP65 CE

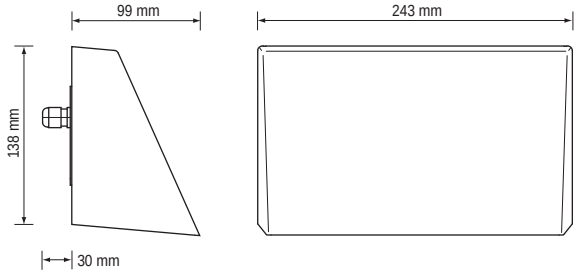
The LS501 wall mount luminaire has linear styling to complement modern architectural designs.

SPECIFICATIONS

Lamp Source	CFL 18 W
IP Rating	IP65
Construction	Powder coated aluminium ■ Black ■ Silver
Installation Type	Wall mount
Standard Inclusions	Thermal cutout Toughened frosted glass lens
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	2 year structural, 1 year electrical
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS501 Metro



CONFIGURE THIS PRODUCT ›

LS501 → 64 → [ ]

SOURCE

Lamp	Wattage	Base	Code
CFL/TC-D	18 W max	GX24D-2	64

FINISH

Description	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

Mirvac Belrose Development - Sydney, NSW Australia
LS371A Boulevard wall mount luminaire

humantouch™

IP67 CE

The LS371A is a high pressure diecast brass luminaire featuring an IP67 rating. The LED version offers both line voltage and low voltage options, and is ideal where a lower surface temperature is required.

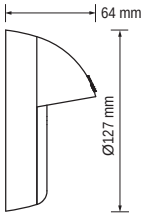
LED version see page 137.

SPECIFICATIONS

Lamp Source	Halogen Bi-Pin QT12 (G4) 20 W
IP Rating	IP67
Construction	Die-cast brass shot blasted standard ■ Polished ■ Powder coated black ■ Powder coated silver ■ Powder coated Superchrome
Installation Type	Wall mount
Standard Inclusion	Thermal cutout
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	5 year structural, 1 year electrical
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS371A Boulevard
Shot blasted brass



CONFIGURE THIS PRODUCT ›

LS371 → A → [ ]

SOURCE

Lamp	Wattage	Base	Voltage	Code
Halogen Bi-pin QT12	20 W max	G4	12 V AC (1)	A

(1) Requires remote transformer - see page 239.

FINISH

Description	Code
Shot blasted standard	
Polished brass	P
Powder coated black	CB
Powder coated silver	CS
Powder coated Superchrome	CA

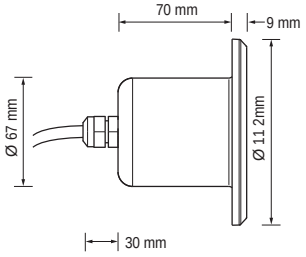
IP67 CE

The LS381 wall mount luminaire has linear styling to complement modern architectural designs.

SPECIFICATIONS

Lamp Source	Halogen MR16 (GU5.3) 20 W
IP Rating	IP67
Construction	Cover - Die-cast brass or powder coated aluminium Body - 316 marine grade stainless steel
Installation Type	Wall mount
Standard Inclusions	Thermal cutout Toughened frosted glass lens
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	10 year structural - copper 2 year structural - aluminium 1 year electrical
Accessories *Order separately*	**LS642** Copper hood **LS642-C** Aluminium hood: powder coated Black, silver or superchrome powder coat available **LS643-R/G/B/Y** Dichroic colour filters
Photometrics	Use photometry files from your lamp manufacturer

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.



LS381 Melia II

LS642 Copper Hood

CONFIGURE THIS PRODUCT ›

LS381 → **A** → ____

SOURCE

Lamp	Wattage	Base	Voltage	Code
Halogen MR16	20 W max	GU5.3	12 V (1)	A

(1) Requires remote transformer - see page 239.

FINISH

Description	Material	Code
Shot blasted	Die-cast brass	
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS

ACCESSORIES

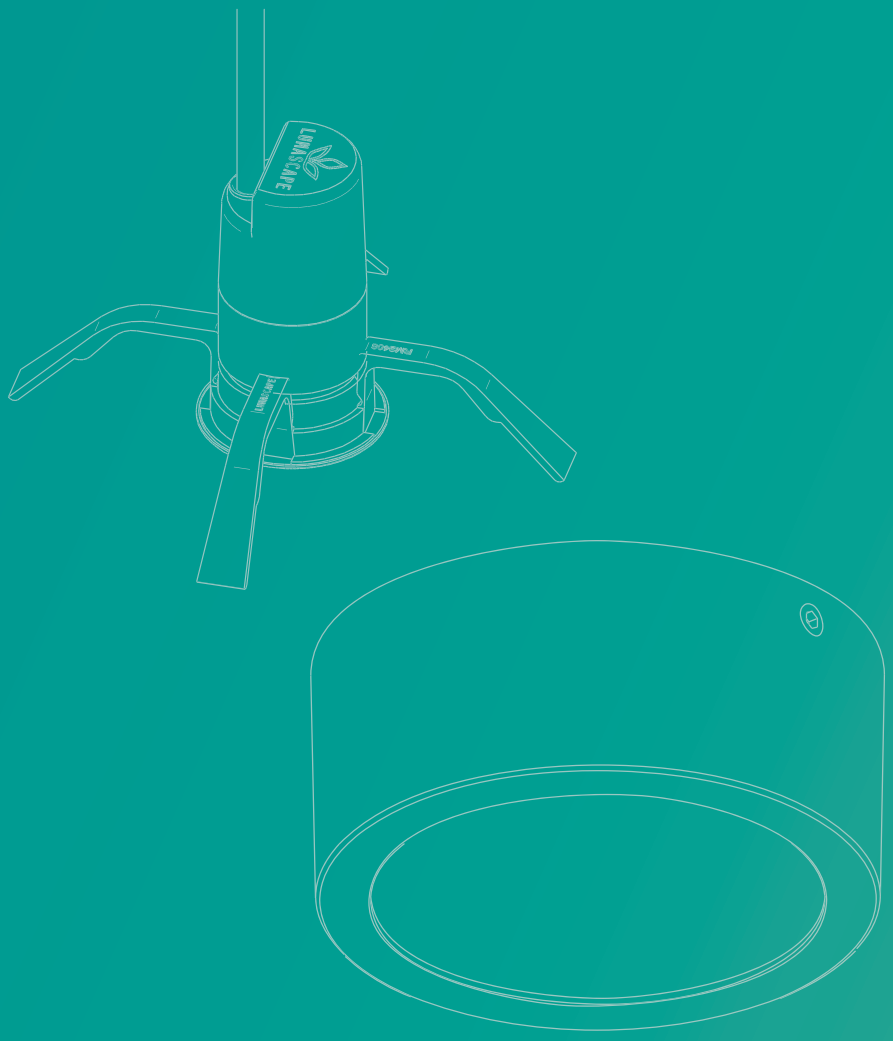
LS642
Hood

LS643-R/G/B/Y
Dichroic colour filter

MR16

Other accessory stacking options may be available - consult factory

Downlight



Lumascape Office- Cleveland QLD, Australia
LS9407LED Vedita

humantouch™ microantileach™ opticlear™

IP65 CE

The LS9407LED provides a quick, simple and invisible method of retaining the luminaire into a ceiling or wall cavity. Several beam angles are available, ranging from narrow to wide. The LS9407LED is constructed from aluminium with a white powder coat.

LS9407LED Vedita

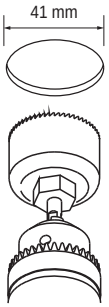
SPECIFICATIONS

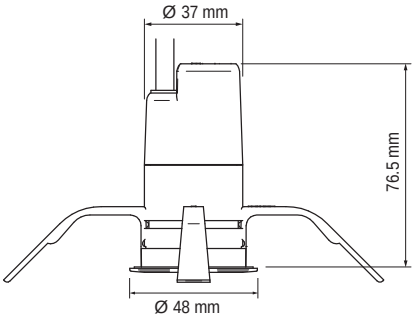
LED Source	LED 2 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm) Availability of other colours on request. Minimum order quantities may apply.
Control Signal	PWM *Optional for 24 V DC and 12 V AC versions*
IP Rating	IP65
Construction	Powder coated aluminium bezel ☐ White
Installation Type	Ceiling or cavity wall mount clip *supplied as standard*
Standard Inclusions	Integral driver with field intensity setting (page 242) **OptiClear™** glass **MicroAntiLeach™** cable entry 2 m cable Ø 41 mm holesaw
Static Load Rating	450 kg
Impact Rating	IK10
Ambient Operating Temperature	-20 °C to 50 °C
Warranty	3 year LED and driver 5 year structural
Accessories	**LS6125** 0-10 V dimmer system **LS6122** Wall plate dimmer
Photometrics	Refer to page 41

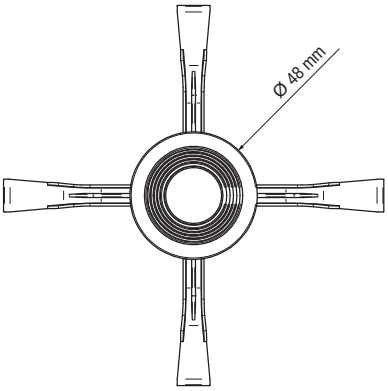
NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.

Ø 41 mm Holesaw
supplied as standard







Ceiling or Cavity Wall Mount Clip

CONFIGURE THIS PRODUCT ›

LS9407LED → [ ] → CW → [ ] → 27

LED SOURCE

Wattage	Colour	Code
2 W	White (4300 K typical)	2W4
	Warm white (3000 K typical)	2H4
	Blue (470 nm)	2B4

FINISH

Description	Code
Powder coat white	CW

OPTICAL SYSTEM

Beam		Code
Narrow	11°	N
Medium	20°	M
Wide	35°	W
Linear	10° x 45°	L
Flood		F

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
24 V DC or 12 V AC dimmable *0-10 V dimmer system* [1]	27

[1] Requires 4 wires to run luminaire and *LS6125* - order separately.

humantouch™ microantileach™ opticlear™

IP65 CE

The LS9404LED provides a quick, simple and invisible method of retaining the luminaire into a ceiling or wall cavity. Several beam angles are available, ranging from narrow to wide. The LS9404LED is constructed from aluminium with a white powder coat.

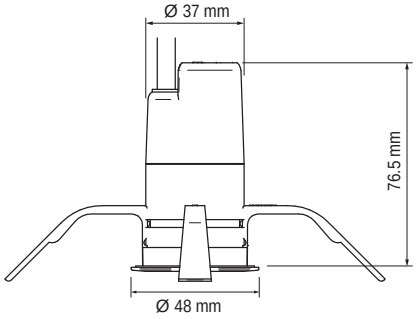
LS9404LED Vedita

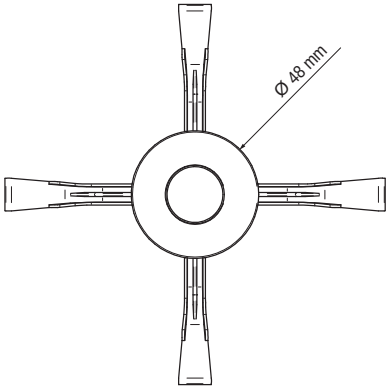
SPECIFICATIONS

LED Source	LED 2 W [1] ☐ White (4300 K typical) ■ Warm white (3000 K typical) ■ Blue (470 nm) Availability of other colours on request. Minimum order quantities may apply.
Control Signal	PWM *Optional for 24 V DC and 12 V AC versions*
IP Rating	IP68
Construction	316 marine grade stainless steel bezel
Installation Type	Pre-installation concrete blockout niche *Supplied as standard*
Standard Inclusions	Integral driver with field intensity setting (page 242) **OptiClear™** glass **MicroAntiLeach™** cable entry 2 m cable
Dimmable	Using **LS6125** 0-10 V dimming *NOTE: 4 wires circuit required to be run to luminaire*
Ambient Operating Temperature	5 °C to 40 °C
Warranty	5 year structural, 3 year LED and driver
Accessories	**LS6125** 0-10 V dimmer system **LS6122** Wall plate dimmer
Photometrics	Refer to page 41

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

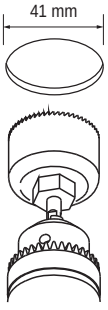
[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.





Ceiling or Cavity Wall Mount Clip

Ø 41 mm Holesaw
supplied as standard



CONFIGURE THIS PRODUCT ›

LS9404LED → [ ] → CW → [ ] → 27

LED SOURCE

Wattage	Colour	Code
2 W	White (4300 K typical)	2W4
	Warm white (3000 K typical)	2H4
	Blue (470 nm)	2B4

FINISH

Description	Code
Powder coat white	CW

OPTICAL SYSTEM

Beam		Code
Narrow	11°	N
Medium	20°	M
Wide	35°	W
Linear	10° x 45°	L
Flood		F

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
24 V DC or 12 V AC dimmable *0-10 V dimmer system* [1]	27

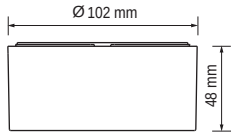
[1] Requires 4 wires to run luminaire and *LS6125* - order separately.

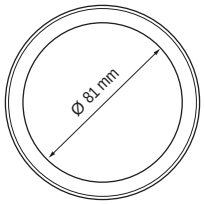
humantouch™

IP67 CE

The LS454 is a luminaire designed for use in external ceiling areas where a recessed downlight is not practical. As an IP67 rated luminaire, the protection against water ingress is excellent, making it suitable for use in exterior applications. In both LED and Halogen variants, the light output is diffused.

LS454LED Aura





SPECIFICATIONS

LED Source	LED 3 W (1) ☐ White (4300 K typical) ☐ Warm white (3000 K typical) ■ Blue (470 nm) *Other colours by request*
IP Rating	IP67
Construction	Powder coated aluminium ■ Black ■ Silver ■ Superchrome
Installation Type	Surface ceiling mount
Standard Inclusions	Integral driver with field intensity setting (page 242) Toughened diffuser lens
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	2 year structural, 1 year electrical
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

(1) Nominal power consumption only, actual power consumed may vary.

CONFIGURE THIS PRODUCT ›

LS454LED [ ] 7 [ ]

LED SOURCE

Wattage	Colour	Code
3 W	White (4300 K typical)	3W4
	Warm white (3000 K typical)	3H6
	Blue (470 nm)	3B4

SUPPLY VOLTAGE

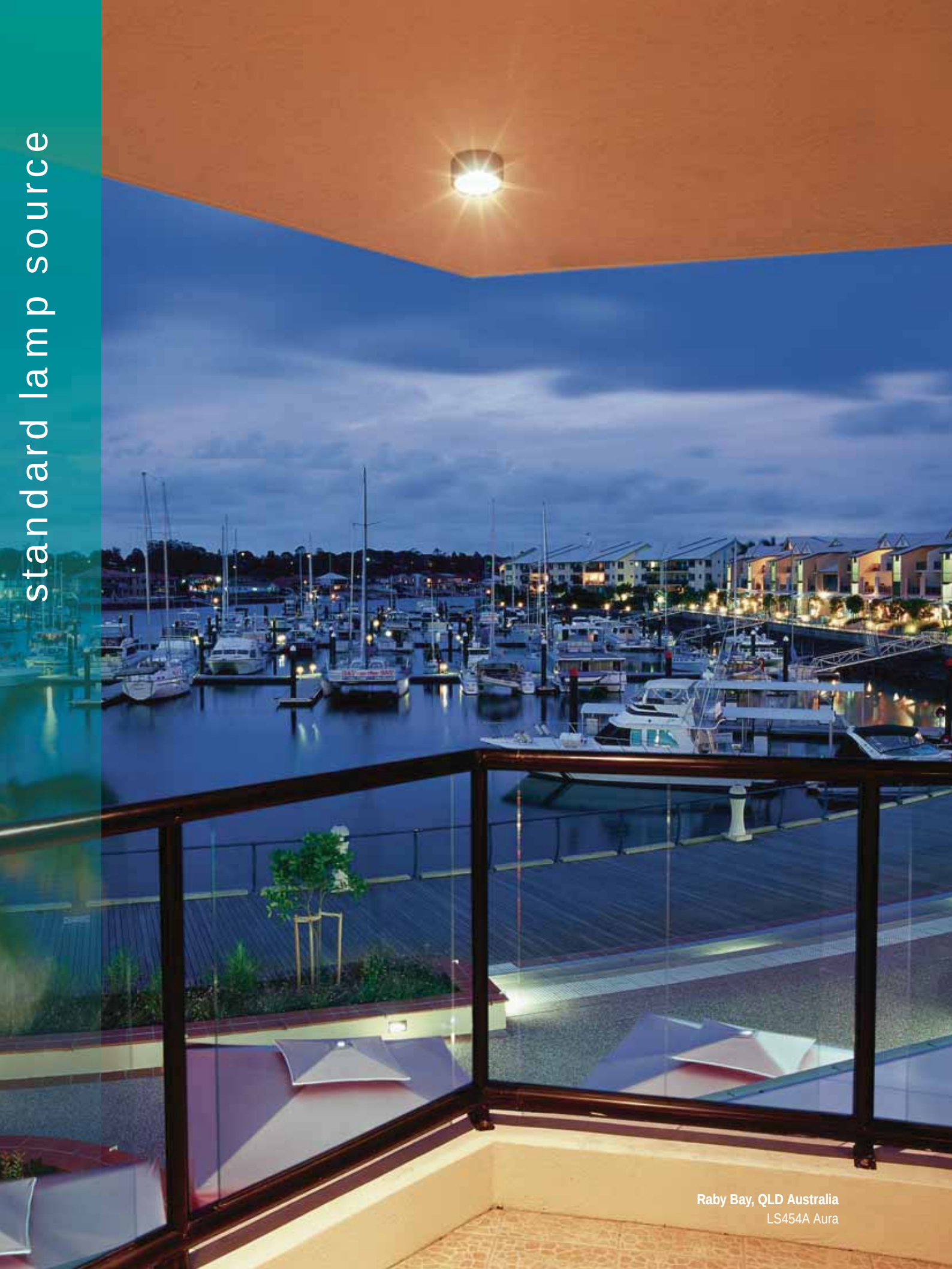
Voltage	Code
24 V DC or 12 V AC (1)	7

(1) Requires remote power supply or transformer - see page 239.

FINISH

Description	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS
Powder coated Superchrome	Aluminium	CA

standard lamp source



Raby Bay, QLD Australia
LS454A Aura

humantouch™

IP67 CE

The LS454 is a luminaire designed for use in external ceiling areas where a recessed downlight is not practical. As an IP67 rated luminaire, the protection against water ingress is excellent, making it suitable for use in exterior applications. In both LED and Halogen variants, the light output is diffused.

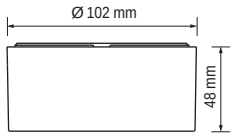
LED version see page 151.

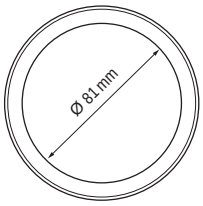
SPECIFICATIONS

Lamp Source	Halogen Bi-pin / QT12 (GY6.35)	20 W IRC
IP Rating	IP67	
Construction	Powder coated aluminium ■ Black ■ Silver ■ Superchrome	
Installation Type	Surface ceiling mount	
Standard Inclusions	Thermal cutout Toughened diffuser lens	
Ambient Operating Temperature	-20 °C to +50 °C	
Warranty	2 year structural, 1 year electrical	
Accessories	**LSTE6-2** Integral transformer	
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS454A Aura





CONFIGURE THIS PRODUCT ›

LS454 → A → [ ]

LED SOURCE

Lamp	Wattage	Base	Voltage	Code
Halogen Bi-pin / QT12	20 W IRC max	GY6.35	12 V AC (1)	A

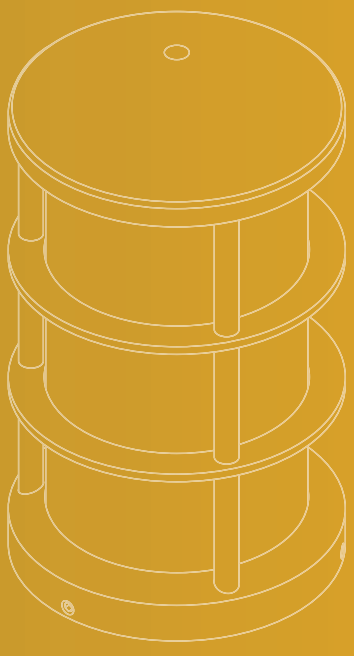
(1) Requires integral *LSTE6-2* or remote transformer - see page 239.

FINISH

Description	Material	Code
Powder coated black	Aluminium	CB
Powder coated anodic silver	Aluminium	CS
Powder coated Superchrome	Aluminium	CA

Gamble House - Pasadena, CA USA
LS582 Balitza Mini

Bollard & Pathway



humantouch™ electropolish+™

IP66 CE

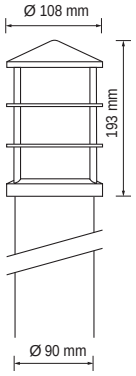
The LS482 is a luminaire constructed from 316 marine grade stainless steel with Lumascape's proprietary **ElectroPolishPlus™** process to give a long life to the surface finish providing excellent corrosion resistance in harsh environments such as coastal locations. The LS482 is versatile in both function and appearance, having various configurations in height, head type, mounting method and lamp type.

SPECIFICATIONS

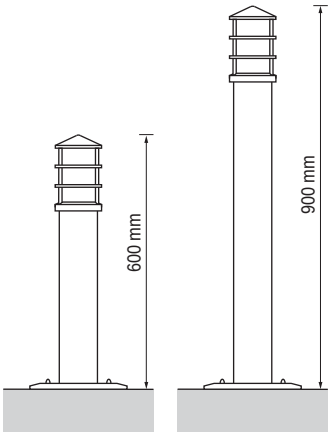
Lamp Source	50 W max	Halogen Bi-pin / QT12 (G6.35)
	18 W	CFL / TC-TEL (GX24-q2)
	23 W max	CFL / SB (E26 / E27)
IP Rating	IP66	
Construction	316 marine grade stainless steel	
Installation Types	Surface mount plate	
Standard Inclusion	Thermal cutout	
Ambient Operating Temperature	0 °C to +50 °C	
Warranty	10 year structural, 1 year electrical	
Photometrics	Use photometry files from your lamp manufacturer	
Surface Temperature	**HumanTouch™** compliant ≤65 °C	
	50 W max	Halogen Bi-pin / QT12

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS482 Balitza



Armoured Apex
Code B



Code A2 *Code A3*

Surface Mount Plate
Mounting fasteners not supplied by Lumascape

CONFIGURE THIS PRODUCT ›

LS482 → [ ] → B → 83 → [ ] → [ ] → [ ]

SOURCE

Lamp	Wattage	Base	Code
Halogen Bi-Pin / QT12	50 W max	G4/GY6.35	293
CFL/TC-T (1)	18 W	GX24D-2	264
SB CFL (1)	23 W	E26 / E27 medium	291

(1) Not compatible with voltage code 7

CABLE ENTRY

Description	Code
Double gland entry	83

CONTROL GEAR LOCATION

Control Gear	Location	Code
Integral	Bottom	Q
Remote	Bottom	R

HEAD TYPE

Description	Code
Armoured apex	B

MOUNTING

Description	Height	Code
Surface mount	600 mm	A2
Surface mount	900 mm	A3

SUPPLY VOLTAGE

Voltage	Code
240 V AC 50 Hz	1
230 V AC 50 Hz	2
220 V AC 50 Hz	3
12 V AC 50 Hz (1)	7

(1) Requires remote transformer - see page 239.

humantouch™ electropolish+™

IP66 CE

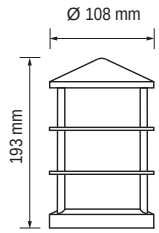
The LS582 is a surface mount version of the Balitza series. It is constructed from 316 marine grade stainless steel with Lumascape's proprietary **ElectroPolishPlus™** process. It shares the same appearance as LS482, allowing a theme to be carried through a site. The diffusion of light from this luminaire provides illuminance at ground level, as well as acting as a guide beacon.

LS582 Balitza Mini

SPECIFICATIONS

Lamp Source	50 W max	Halogen Bi-pin / QT12 (G4/G6.35)
	60 W max	Halopin
	11 W max	CFL / SB (E26 / E27 medium)
IP Rating	IP66	
Construction	316 marine grade stainless steel	
Installation Type	Surface mount	
Ambient Operating Temperature	-20 °C to +50 °C	
Warranty	10 year structural,1 year electrical	
Photometrics	Use photometry files from your lamp manufacturer	
Surface Temperature	**HumanTouch™** compliant ≤65 °C)	
	20 W max	Halogen Bi-pin / QT12
	11 W max	SB CFL

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.



Armoured Apex
Code B

CONFIGURE THIS PRODUCT ›

LS582 → [ ] → **B**

SOURCE

Lamp	Wattage	Base	Voltage	Code
Halogen Bi-Pin / QT12	50 W max	G4/GY6.35	12 V [1]	**293**
Halopin	60 W max	G9	Line voltage	**294**
SB CFL	11 W max	E26 / E27 medium	Line voltage	**291**

HEAD TYPE

Description	Code
Armoured apex	**B**

[1] Requires remote transformer - see page 239.

humantouch™ electropolish+™

IP66 CE

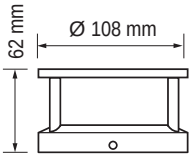
The LS592 Balitza Micro luminaire is constructed from 316 marine grade stainless steel and comes with Lumascape's proprietary **ElectroPolishPlus™** finish, providing excellent corrosion resistance in harsh environments such as coastal locations. The LS592 is versatile in both function and appearance and ideal for applications where space is at a premium.

LS592 Balitza Micro

SPECIFICATIONS

Lamp Source	20 W max Halogen Bi-pin / QT12 (G6.35)
IP Rating	IP66
Construction	316 marine grade stainless steel
Installation Types	Surface mount plate
Standard Inclusion	Thermal cutout
Ambient Operating Temperature	0 °C to +50 °C
Warranty	10 year structural, 1 year electrical
Photometrics	Use photometry files from your lamp manufacturer
Surface Temperature	**HumanTouch™** compliant ≤65 °C 20 W max Halogen Bi-pin / QT12

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.



Level Head
Code F

CONFIGURE THIS PRODUCT ›

LS592 → 293 → F

SOURCE

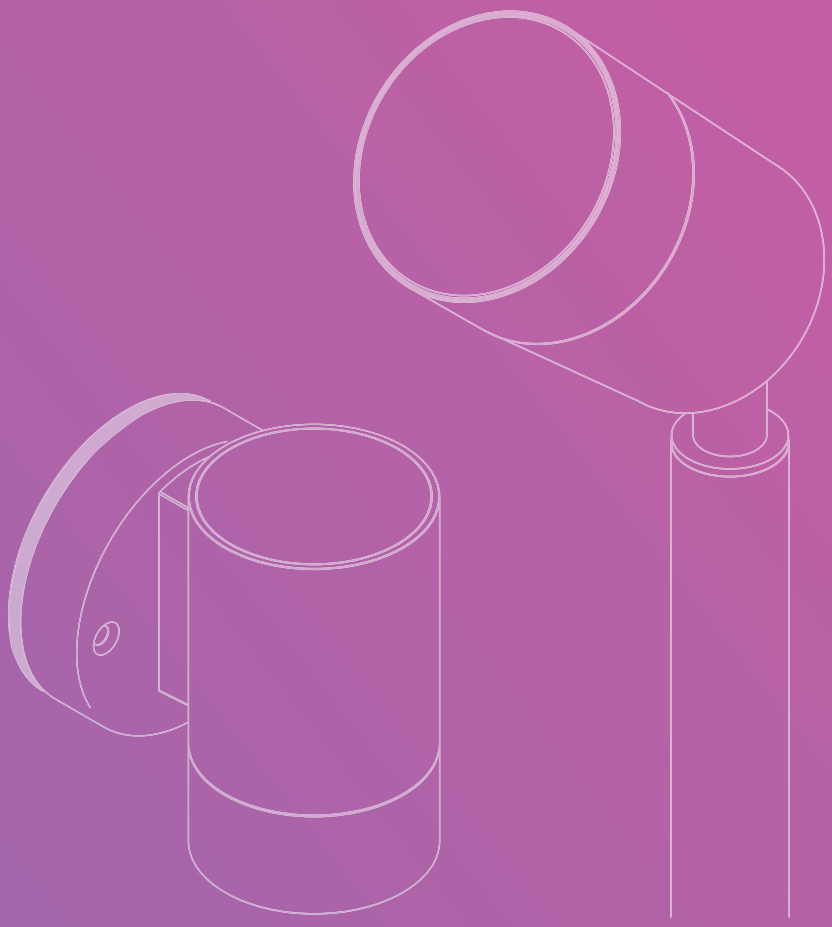
Lamp	Wattage	Base	Voltage	Code
Halogen Bi-Pin / QT12	20 W max	G4/GY6.35	12 V (1)	293

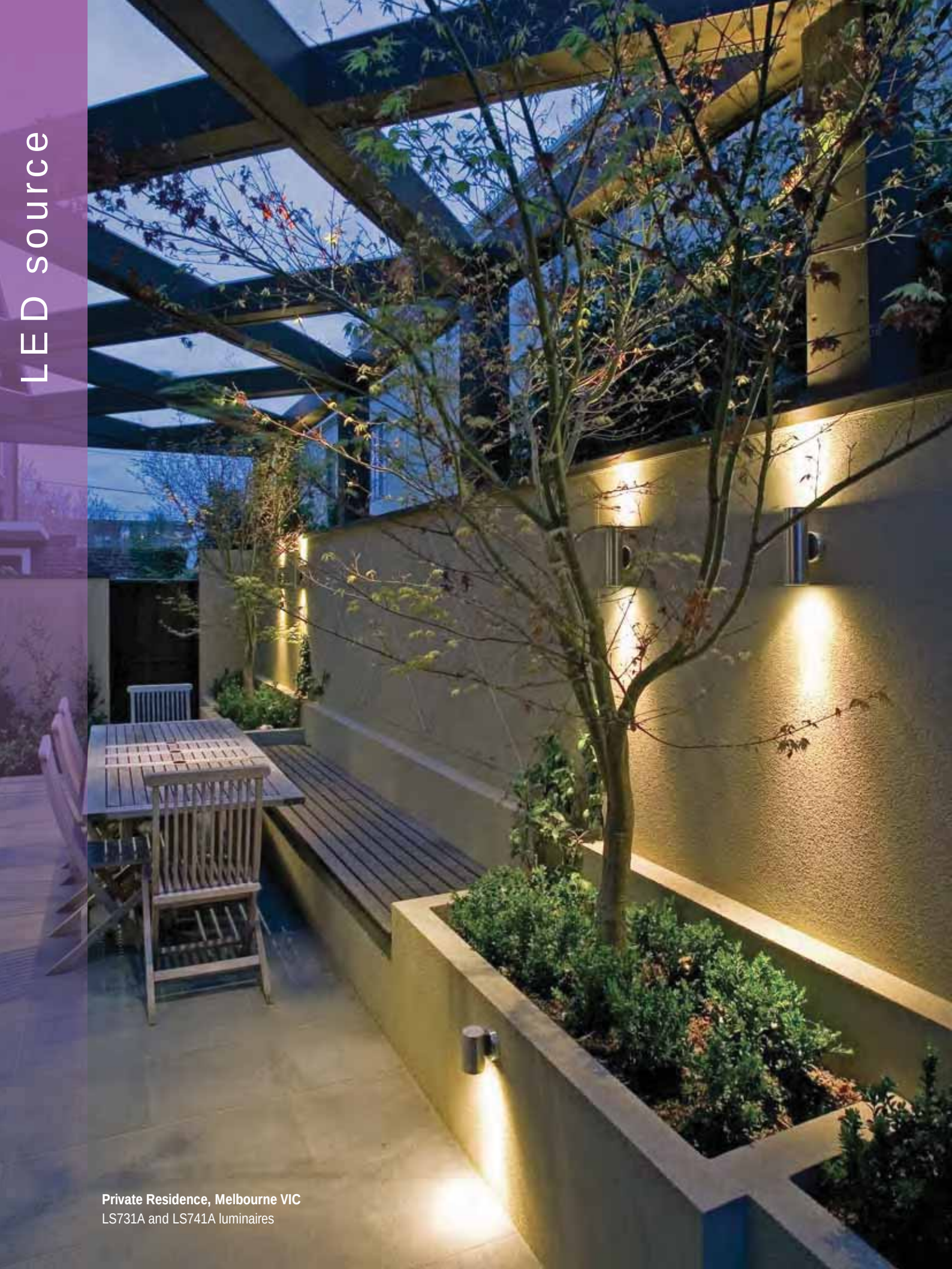
HEAD TYPE

Description	Code
Level	F

(1) Requires remote transformer - see page 239.

City Range





Private Residence, Melbourne VIC
LS731A and LS741A luminaires

humantouch™ electropolish+™

IP65 CE

The LS751LED is a compact, adjustable spotlight luminaire used for grazing walls whilst providing light at ground level. Constructed of marine grade stainless steel with a proprietary heat shield unique to Lumascape to draw heat away from the lamp, extending the lamp life. These luminaires provide a decorative lighting effect in residential or resort environments.

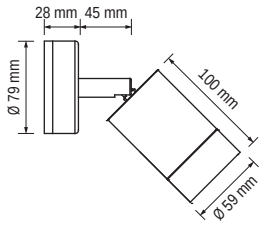
SPECIFICATIONS

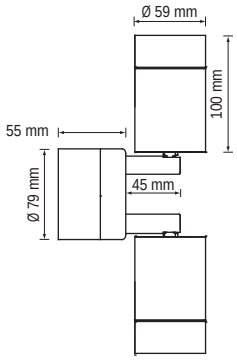
LED Source	LED 3 W or 2 x 3 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm)
IP Rating	IP65
Construction	316 marine grade stainless steel
Installation Type	Wall mount
Standard Inclusion	Integral driver with field intensity setting (page 242) **ElectropolishPlus™** finish Flush fitted toughened lens Internal honeycomb louvre
Ambient Operating Temperature	-10 °C to +40 °C
Warranty	10 year structural 1 year electrical
Accessories *Order separately*	**LS6059** Frosted lens **LS6060** Linear spreader lens
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

LS751LED Villa
Low voltage





LS751-2LED Double Villa
Line voltage

CONFIGURE THIS PRODUCT ›

Code	LED SOURCE Wattage	Colour	Code	OPTICAL SYSTEM Beam	Code	SUPPLY VOLTAGE Voltage	Code
LS751LED	3 W	White (4300 K typical)	3W4	Narrow 14°	N	110-240 V AC, 50/60 Hz	1
LS751-2LED		Warm white (3000 K typical)	3H6	Medium 30°	M	24 V DC or 12 V AC [1]	7
		Blue (470 nm)	3B4	Wide 40°	W		
	2 x 3 W	White (4300 K typical)	6W4				
		Warm white (3000 K typical)	6H6				
		Blue (470 nm)	6B4				

NOTE: Beam angle values are nominal.

[1] Requires remote power supply or transformer - see page 239.

humantouch™ electropolish+™

IP65 CE

The LS731LED is a compact, fixed position spotlight luminaire used for grazing walls whilst providing light at ground level. Constructed of marine grade stainless steel with a proprietary heat shield unique to Lumascape to draw heat away from the lamp, extending the lamp life. These luminaires provide a decorative lighting effect in residential or resort environments.

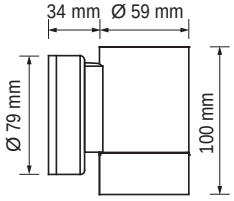
SPECIFICATIONS

LED Source	LED 3 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm) RGB
IP Rating	IP65
Construction	316 marine grade stainless steel
Installation Type	Wall mount
Standard Inclusions	Integral driver with field intensity setting (page 242) **ElectropolishPlus™** finish Flush fitted toughened lens Internal honeycomb louvre
Ambient Operating Temperature	-10 °C to +40 °C
Warranty	10 year structural 1 year electrical
Accessories *Order separately*	**LS67501** Remote RGB driver
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

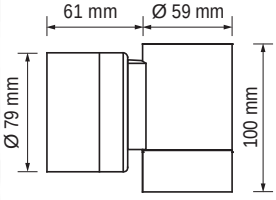
NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

LS731LED Portico
low voltage



LS731LED Portico
line voltage



CONFIGURE THIS PRODUCT ›

LS731LED → [ ] → [ ] → [ ]

LED SOURCE

Wattage	Colour	Code
3 W	White (4300 K typical)	3W4
	Warm white (3000 K typical)	3H6
	Blue (470 nm)	3B4
	RGB [1]	3M4

[1] Remote driver only, select voltage code R.

OPTICAL SYSTEM

Beam	Angle	Code
Narrow [1]	14˚	N
Medium	30˚	M
Wide	40˚	W

[1] Not applicable for RGB.

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
110-240 V AC 50/60 Hz	1
24 V DC or 12 V AC [1]	7
Remote RGB driver [2]	R

[1] Requires remote power supply or transformer - see page 239.

[2] RGB only. Requires *LS67501* - order separately.

humantouch™ electropolish+™

IP65 CE

The LS741LED is a compact, fixed position spotlight luminaire used for grazing walls whilst providing light at ground level. Constructed of marine grade stainless steel with a proprietary heat shield unique to Lumascape to draw heat away from the lamp, extending the lamp life. These luminaires provide a decorative lighting effect in residential or resort environments.

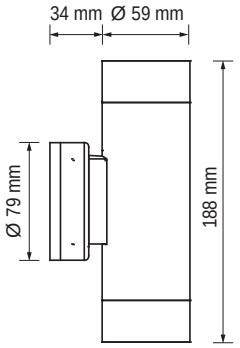
SPECIFICATIONS

LED Source	LED 2 x 3 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm)
IP Rating	IP65
Construction	316 marine grade stainless steel
Installation Type	Wall mount
Standard Inclusion	Integral driver with field intensity setting (page 242) **ElectropolishPlus™** finish Flush fitted toughened lens Internal honeycomb louvre
Ambient Operating Temperature	-10 °C to +40 °C
Warranty	10 year structural 1 year electrical
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

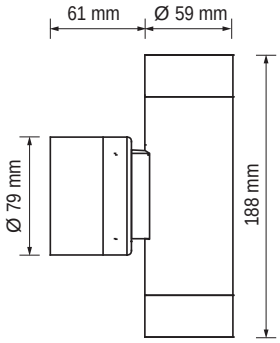
NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

LS741LED Piazza
low voltage



LS741LED Piazza
line voltage



CONFIGURE THIS PRODUCT ›

LS741LED → [ ] → [ ] → [ ]

LED SOURCE

Wattage	Colour	Code
2 x 3 W	White (4300 K typical)	6W4
	Warm white (3000 K typical)	6H6
	Blue (470 nm)	6B4

OPTICAL SYSTEM

Beam	Angle	Code
Narrow	14˚	N
Medium	30˚	M
Wide	40˚	W

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
110-240 V AC 50/60 Hz	1
24 V DC or 12 V AC [1]	7

[1] Requires remote power supply or transformer - see page 239.

humantouch™ electropolish+™

IP65 CE

The LS772LED is a low voltage luminaire delivering light in a controlled manner, with a choice of one or two light heads. It is constructed of marine grade stainless steel. The proprietary heat shield is unique to Lumascape and draws heat away from the lamp, extending the lamp life. This model is ideal for illuminating low level plantings or objects of interest in a landscape.

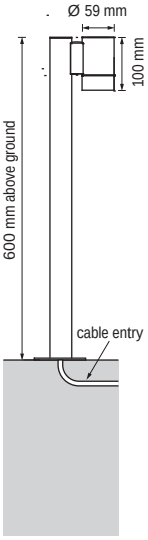
SPECIFICATIONS

LED Source	LED 3 W or 2 x 3 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm)
IP Rating	IP65
Construction	316 marine grade stainless steel
Installation Type	Surface mount Direct burial
Standard Inclusion	Integral driver with field intensity setting (page 242) **ElectropolishPlus™** finish Flush fitted toughened lens Internal honeycomb louvre
Ambient Operating Temperature	-10 °C to +40 °C
Warranty	10 year structural 1 year electrical
Accessories *Order separately*	**LS6059** Frosted lens **LS6060** Linear spreader lens
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

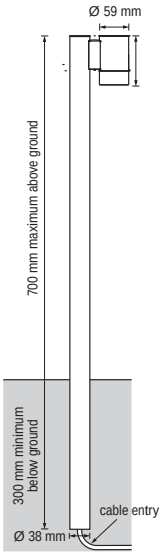
NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

LS772LED Corso

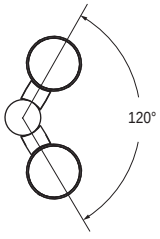


LS772A-S
Surface mount



LS772A
Direct burial

LS772-2LED Double Corso



LS772-2A

LS772A

CONFIGURE THIS PRODUCT ›

Code	LED SOURCE Wattage	Colour	Code	OPTICAL SYSTEM Beam	Code	INSTALLATION Type	Code	SUPPLY VOLTAGE Voltage	Code
LS772LED	3 W	White (4300 K typical)	3W4	Narrow 14°	N	Direct burial		24 V DC or 12 V AC [1]	7
LS772-2LED		Warm white (3000 K typical)	3H6	Medium 30°	M	Surface mount	S		
		Blue (470 nm)	3B4	Wide 40°	W				
	2 x 3 W	White (4300 K typical)	6W4						
		Warm white (3000 K typical)	6H6						
		Blue (470 nm)	6B4						

NOTE: Beam angle values are nominal.

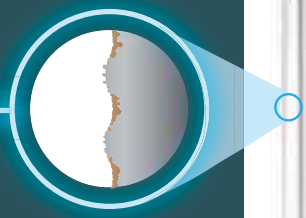
[1] Requires remote power supply or transformer - see page 239.

electropolish+™

THE PROCESS

Machining

Machining stainless steel disrupts the natural Chromium Oxide (Cr_2O_3) layer. Chromium Oxide gives stainless steel its superior corrosion resistance.



Pickling

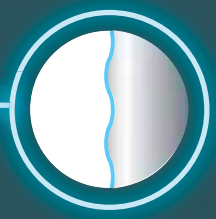
After machining, some carbide deposits and other impurities are left over. The pickling process cleans the surface of all impurities.

Polishing

This process smooths the surface, so chlorides and other active particles cannot become lodged on the surface.

Passivation

This is the final stage in the process. Passivation reforms a layer of Cr_2O_3 of even thickness over the surface, for maximum corrosion resistance.



humantouch™ electropolish+™

IP65 CE

The LS762LED is a low voltage spike mount luminaire delivering light in a controlled manner, with a choice of one or two adjustable light heads to direct the light where needed. The proprietary heat shield is unique to Lumascape and draws heat away from the lamp, extending the lamp life. This model is ideal for illuminating low level plantings or objects of interest in a landscape.

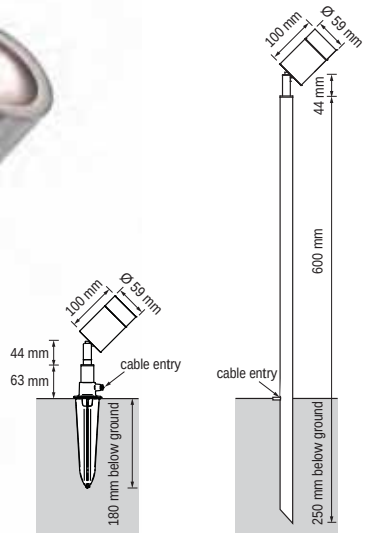
SPECIFICATIONS

LED Source	LED 3 W or 2 x 3 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Blue (470 nm)
IP Rating	IP65
Construction	316 marine grade stainless steel
Installation Type	Spike mount
Standard Inclusions	Integral driver with field intensity setting (page 242) **ElectropolishPlus™** finish Internal glare control louvre
Ambient Operating Temperature	-10 °C to +40°
Warranty	10 year structural 1 year electrical
Accessories *Order separately*	**LS6059** Frosted lens **LS6060** Linear spreader lens
Photometrics	Refer to page 167

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

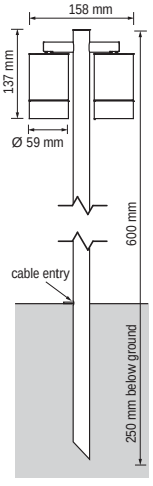
LS762LED Terrazza



Spike mount

Long Pole

LS762-2LED Terrazza



Long Pole

CONFIGURE THIS PRODUCT ›

Code	LED SOURCE Wattage	Colour	Code	OPTICAL SYSTEM Beam		Code	INSTALLATION Type	Code	SUPPLY VOLTAGE Voltage	Code
LS762LED	3 W	White (4300 K typical)	3W4	Narrow	14°	N	Spike mount		24 V DC or 12 V AC [1]	7
LS762-2LED		Warm white (3000 K typical)	3H6	Medium	30°	M	Long pole	P		
		Blue (470 nm)	3B4	Wide	40°	W				
	2 x 3 W	White (4300 K typical)	6W4							
		Warm white (3000 K typical)	6H6							
		Blue (470 nm)	6B4							

NOTE: Beam angle values are nominal.

[1] Requires remote power supply or transformer - see page 239.

Photometrics

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

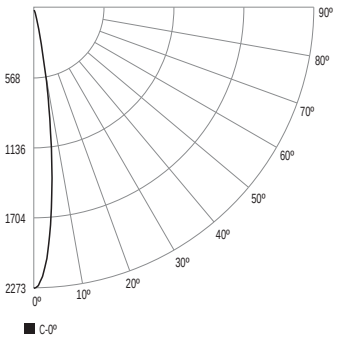
LS731LED
LS741LED
LS751LED
LS762LED
LS772LED

4300 K

14° Beam Angle

Power Input	3.5
Lumens	180
Efficacy	60 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	2273	2273	2273	2273	2273	2273	2273
10°	633	624	606	588	576	567	567
20°	31	30	29	28	28	29	29
30°	3	3	2	2	2	2	2
40°	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	2273	24 cm
2	568	47 cm
3	253	71 cm
4	142	95 cm
5	91	119 cm

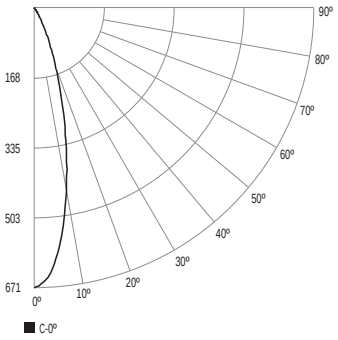
LS731LED
LS741LED
LS751LED
LS762LED
LS772LED

4300 K

30° Beam Angle

Power Input	3.5
Lumens	201
Efficacy	57 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	670	670	670	670	670	670	670
10°	447	448	469	457	465	472	480
20°	154	156	162	171	180	186	195
30°	33	34	38	44	49	47	55
40°	5	6	8	9	10	8	7
50°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	670	50 cm
2	168	100 cm
3	75	151 cm
4	42	201 cm
5	27	251 cm

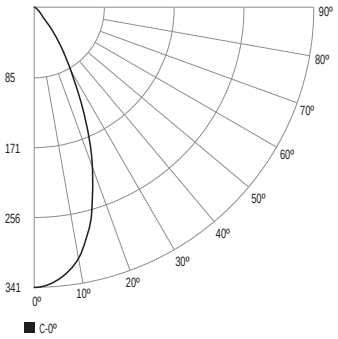
LS731LED
LS741LED
LS751LED
LS762LED
LS772LED

4300 K

40° Beam Angle

Power Input	3.5
Lumens	199
Efficacy	57 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	341	341	341	341	341	341	341
10°	283	279	278	277	278	281	286
20°	154	150	147	146	146	150	158
30°	60	58	62	60	57	58	63
40°	19	19	22	20	18	18	21
50°	4	4	5	4	4	4	4
60°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	341	77 cm
2	85	154 cm
3	38	231 cm
4	21	308 cm
5	14	384 cm

Salt Village - NSW, Australia
LS772 Corso

electropolish+

IP65 CE

The LS751 is a compact, adjustable spotlight luminaire used for grazing walls whilst providing light at ground level. Constructed of marine grade stainless steel with a proprietary heat shield unique to Lumascape to draw heat away from the lamp, extending the lamp life. These luminaires provide a decorative lighting effect in residential or resort environments.

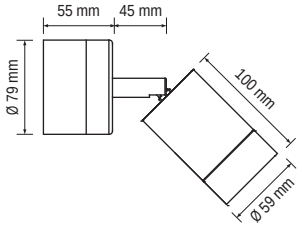
LED version see page 161.

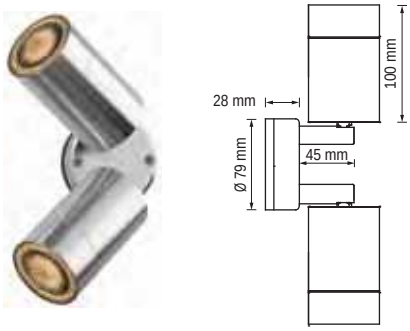
SPECIFICATIONS

Lamp Source LS751	Halogen MR16 IRC (GU5.3)	35 W max
	Halogen MR16 (GU10)	35 W max
Lamp Source LS751-2	2 x Halogen MR16 IRC (GU5.3)	2 x 35 W max
	2 x Halogen MR16 (GU10)	2 x 35 W max
IP Rating	IP65	
Construction	316 marine grade stainless steel	
Installation Type	Wall mount	
Standard Inclusion	**ElectropolishPlus™** finish	
	Flush fitted toughened lens	
	Internal honeycomb louvre	
Ambient Operating Temperature	-10 °C to +40 °C	
Warranty	10 year structural	
	1 year electrical	
Accessories *Order separately*	**LSTE8** Integral transformer (20 W max)	
	LS6059 Frosted lens	
	LS6060 Linear spreader lens	
	LS6062-R/G/B/Y Dichroic colour filters	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS751 Villa
with *LSTE8* integral transformer





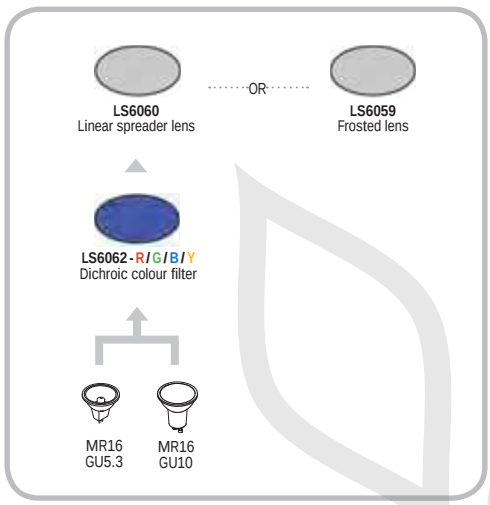
LS751-2 Double Villa

CONFIGURE THIS PRODUCT ›

Code	SOURCE Lamp	Wattage	Base	Voltage	Code
LS751	Halogen MR16	35 W IRC max	GU5.3	12 V AC (1)	A
		35 W max	GU10	Line voltage	V
LS751-2	2 x Halogen MR16	2 x 35 W IRC max	GU5.3	12 V AC (2)	A
		2 x 35 W max	GU10	Line voltage	V

(1) Requires integral *LSTE8* or remote transformer - see page 239.
(2) Requires remote transformer - see page 239.

ACCESSORIES



Other accessory stacking options may be available - consult factory

electropolish+™

IP65 CE

The LS731 is a compact, fixed position spotlight luminaire used for grazing walls whilst providing light at ground level. Constructed of marine grade stainless steel with a proprietary heat shield unique to Lumascape to draw heat away from the lamp, extending the lamp life. These luminaires provide a decorative lighting effect in residential or resort environments.

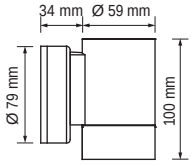
LED version see page 162.

SPECIFICATIONS

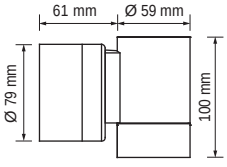
Lamp Source LS731A	Halogen MR16 IRC (GU5.3)	35 W max
Lamp Source LS731V	Halogen MR16 (GU10)	35 W max
IP Rating	IP65	
Construction	316 marine grade stainless steel	
Installation Type	Wall mount	
Standard Inclusion	**ElectropolishPlus™** finish Flush fitted toughened lens Internal honeycomb louvre	
Ambient Operating Temperature	-10 °C to +40 °C	
Warranty	10 year structural 1 year electrical	
Accessories *Order separately*	**LSTE8** Integral transformer (20 W max) **LS6059** Frosted lens **LS6060** Linear spreader lens **LS6062 - R / G / B / Y** Dichroic colour filters	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS731 Portico



LS731 Portico
with *LSTE8* integral transformer



CONFIGURE THIS PRODUCT ›

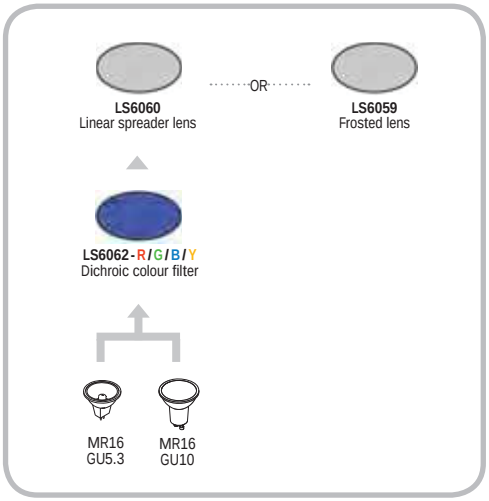
LS731 → [ ]

SOURCE

Lamp	Wattage	Base	Voltage	Code
Halogen MR16	35 W max	GU5.3	12 V (1)	A
		GU10		V

(1) Requires integral *LSTE8* or remote transformer - see page 239.

ACCESSORIES



Other accessory stacking options may be available - consult factory

electropolish+

IP65 CE

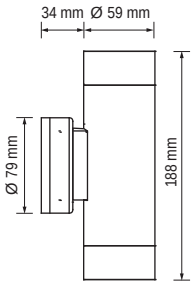
The LS741 is a compact, fixed position spotlight luminaire used for grazing walls whilst providing light at ground level. Constructed of marine grade stainless steel with a proprietary heat shield unique to Lumascape to draw heat away from the lamp, extending the lamp life. These luminaires provide a decorative lighting effect in residential or resort environments.

LED version see page 163.

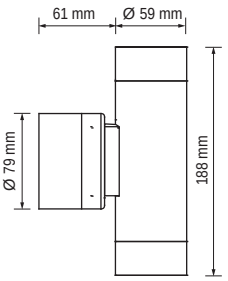
SPECIFICATIONS

Lamp Source LS741A	2 x Halogen MR16 IRC (GU5.3)	2 x 20 W max
Lamp Source LS741V	2 x Halogen MR16 (GU10)	2 x 20 W max
IP Rating	IP65	
Construction	316 marine grade stainless steel	
Installation Type	Wall mount	
Standard Inclusion	**ElectropolishPlus™** finish Flush fitted toughened lens Internal honeycomb louvre	
Ambient Operating Temperature	-10 °C to +40 °C	
Warranty	10 year structural 1 year electrical	
Accessories *Order separately*	**LSTE8** Integral transformer (20 W max) **LS6059** Frosted lens **LS6060** Linear spreader lens **LS6061** Dichroic filter **LS6062-R/G/B/Y** Dichroic colour filters	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.



LS741 Piazza



LS741 Piazza
with *LSTE8* integral transformer

CONFIGURE THIS PRODUCT ›

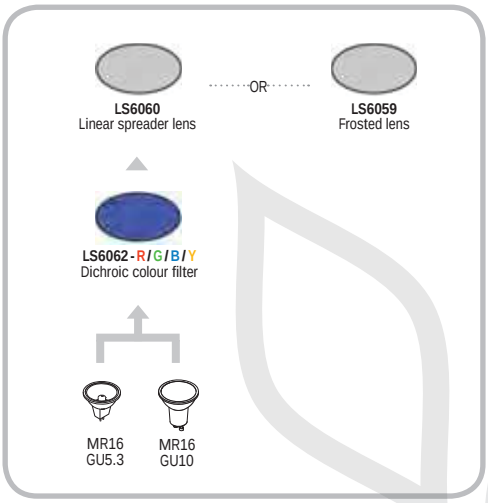
LS741 → [ ]

SOURCE

Lamp	Wattage	Base	Voltage	Code
2 x Halogen MR16	2 x 20 W max	GU5.3	12 V [1]	A
		GU10		V

[1] Requires integral *LSTE8* or remote transformer - see page 239.

ACCESSORIES



Other accessory stacking options may be available - consult factory

electropolish+™

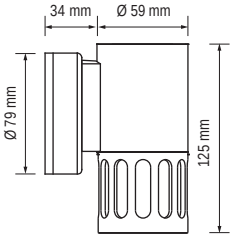
IP65 CE

The LS901A is a compact, fixed position spotlight luminaire used for grazing walls whilst providing light at ground level. Constructed of marine grade stainless steel with a proprietary heat shield unique to Lumascape to draw heat away from the lamp, extending the lamp life. These luminaires provide a decorative lighting effect in residential or resort environments.

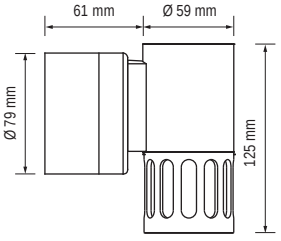
SPECIFICATIONS

Lamp Source LS901A	Halogen MR11 (G4) 20 W max
IP Rating	IP65
Construction	316 marine grade stainless steel
Installation Type	Wall mount
Standard Inclusion	**ElectropolishPlus™** finish Flush fitted toughened lens Internal honeycomb louvre
Ambient Operating Temperature	-10 °C to +40 °C
Warranty	10 year structural 1 year electrical
Accessories *Order separately*	**LSTE8** Integral transformer (20 W max)
Photometrics	Use photometry files from your lamp manufacturer

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.



LS901A Torretta



LS901A Torretta
with *LSTE8* integral transformer

CONFIGURE THIS PRODUCT ›

LS901 → A

SOURCE

Lamp	Wattage	Base	Voltage	Code
Halogen MR11	20 W max	G4	12 V (1)	A

(1) Requires integral *LSTE8* or remote transformer - see page 239.

electropolish+

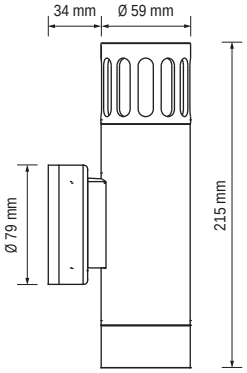
IP65 CE

The LS911A is a compact, fixed position spotlight luminaire used for grazing walls whilst providing light at ground level. Constructed of marine grade stainless steel with a proprietary heat shield unique to Lumascape to draw heat away from the lamp, extending the lamp life. These luminaires provide a decorative lighting effect in residential or resort environments.

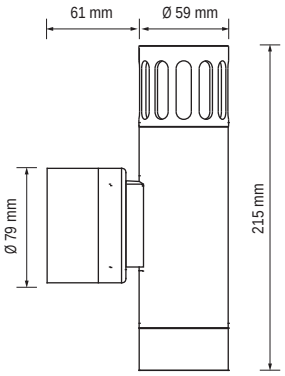
SPECIFICATIONS

Lamp Source LS911A	Halogen MR16 IRC (GU5.3)	20 W max
	Halogen MR11 (G4)	20 W max
IP Rating	IP65	
Construction	316 marine grade stainless steel	
Installation Type	Wall mount	
Standard Inclusion	**ElectropolishPlus™** finish	
	Flush fitted toughened lens	
	Internal honeycomb louvre	
Ambient Operating Temperature	-10 °C to +40 °C	
Warranty	10 year structural	
	1 year electrical	
Accessories *Order separately*	**LSTE8** Integral transformer	
	LS6062-R/G/B/Y Dichroic colour filters (MR16 end only)	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.



LS911A Recinto



LS911A Recinto
with *LSTE8* integral transformer

CONFIGURE THIS PRODUCT ›

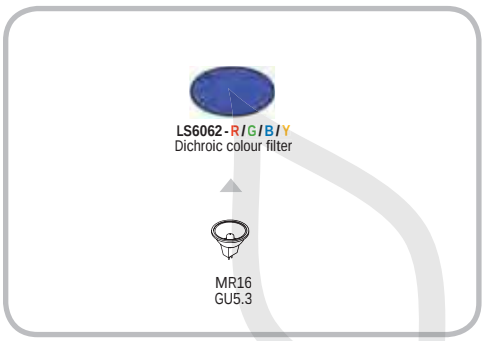
LS911 → A

SOURCE

Lamp	Wattage	Base	Voltage	Code
Halogen MR16	20 W max	GU5.3	12 V (1)	A
Halogen MR11	20 W max	G4		

(1) Requires integral *LSTE8* or remote transformer - see page 239.

ACCESSORIES



Other accessory stacking options may be available - consult factory

electropolish+

IP65 CE

The LS772 is a low voltage luminaire delivering light in a controlled manner, with a choice of one or two light heads. It is constructed of marine grade stainless steel. The proprietary heat shield is unique to Lumascape and draws heat away from the lamp, extending the lamp life. This model is ideal for illuminating low level plantings or objects of interest in a landscape.

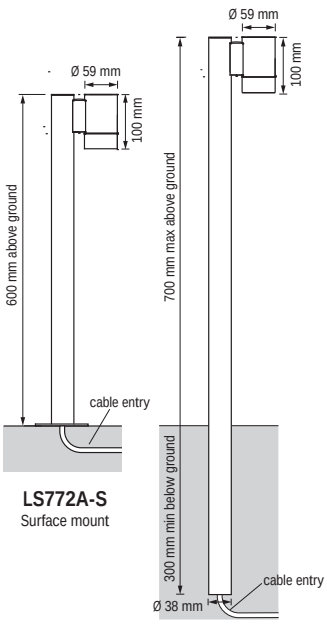
LED version see page 164.

SPECIFICATIONS

Lamp Source LS772A	Halogen MR16 IRC (GU5.3)	35 W max
Lamp Source LS772-2A	2 x Halogen MR16 IRC (GU5.3)	2 x 35 W max
IP Rating	IP65	
Construction	316 marine grade stainless steel	
Installation Type	Surface mount Direct burial	
Standard Inclusion	**ElectropolishPlus™** finish Flush fitted toughened lens Internal honeycomb louvre	
Ambient Operating Temperature	-10 °C to +40 °C	
Warranty	10 year structural 1 year electrical	
Accessories *Order separately*	**LS6059** Frosted lens **LS6060** Linear spreader lens **LS6062** - R / G / B / Y Dichroic colour filters	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS772A Corso

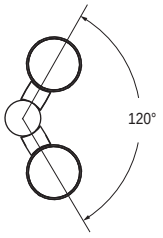


LS772A-S
Surface mount

LS772A
Direct burial

LS772-2A
Double Corso

LS772A



LS772-2A

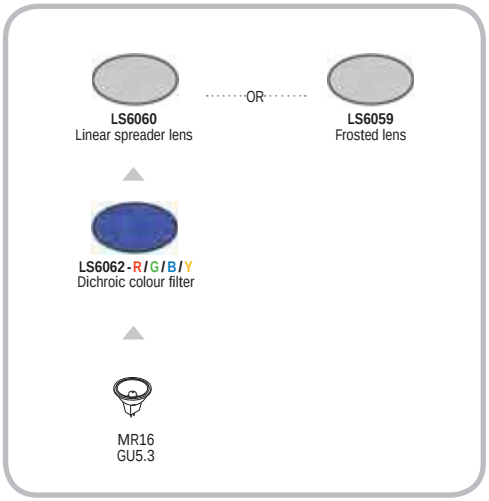
CONFIGURE THIS PRODUCT ›

Code	SOURCE Lamp	Wattage	Base	Voltage	Code
LS772	Halogen MR16	35 W IRC max	GU5.3	12 V AC (1)	A
LS772-2	2 x Halogen MR16	2 x 35 W IRC max	GU5.3	12 V AC (1)	A

(1) Requires remote transformer - see page 239.

INSTALLATION TYPE Finish	Material	Pole Type	Code
Machined	Stainless steel	Direct burial	
		Surface mount	S

ACCESSORIES



Other accessory stacking options may be available - consult factory

electropolish+

IP65 CE

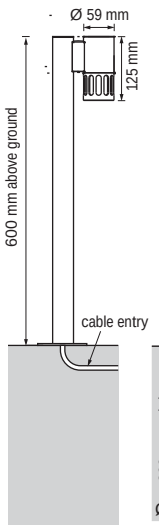
The LS922 is a low voltage spike mount luminaire delivering light in a controlled manner, with a choice of one or two light heads. It is constructed of marine grade stainless steel. The proprietary heat shield is unique to Lumascape and draws heat away from the lamp, extending the lamp life. This model is ideal for illuminating low level plantings or objects of interest in a landscape.

SPECIFICATIONS

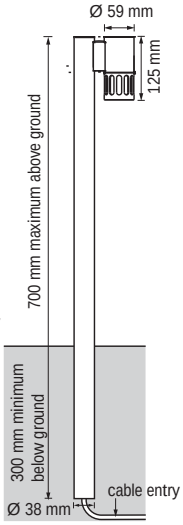
Lamp Source LS922A	Halogen MR11 (G4)	20 W max
Lamp Source LS922-2A	2 x Halogen MR11 (G4)	2 x 20 W max
IP Rating	IP65	
Construction	316 marine grade stainless steel	
Installation Type	Spike mount	
Standard Inclusion	**ElectropolishPlus™** finish Flush fitted toughened lens Internal honeycomb louvre	
Ambient Operating Temperature	-10 °C to +40 °C	
Warranty	10 year structural 1 year electrical	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS922A Sentinella



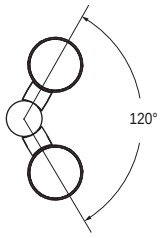
LS922A-S
Surface mount



LS922A
Direct burial

LS922-2A
Double Sentinella

LS922A



LS922-2A

CONFIGURE THIS PRODUCT ›

Code	SOURCE Lamp	Wattage	Base	Voltage	Code	INSTALLATION TYPE Material	Finish	Pole Type	Code
LS922	Halogen MR11	20 W max	G4	12 V AC (1)	A	Stainless steel	Machined	Direct burial	
LS922-2	2 x Halogen MR11	2 x 20 W max	G4	12 V AC (1)	A			Surface mount	S

(1) Requires remote transformer - see page 239.

electropolish+

IP65 CE

The LS762A is a low voltage spike mount luminaire delivering light in a controlled manner, with a choice of one or two adjustable light heads to direct the light where needed. The proprietary heat shield is unique to Lumascape and draws heat away from the lamp, extending the lamp life. This model is ideal for illuminating low level plantings or objects of interest in a landscape.

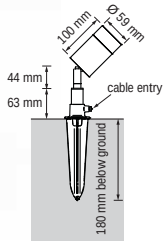
LED version see page 166.

SPECIFICATIONS

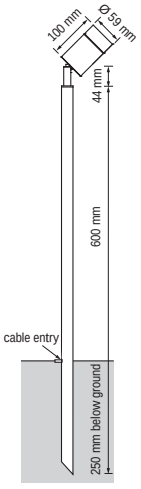
Lamp Source LS762A	Halogen MR16 IRC (GU5.3)	35 W max
Lamp Source LS762-2A	Halogen MR16 IRC (GU5.3)	2 x 35 W max
IP Rating	IP65	
Construction	316 marine grade stainless steel	
Installation Type	Spike mount	
Standard Inclusion	**ElectropolishPlus™** finish Internal glare control louvre	
Ambient Operating Temperature	-10 °C to +40°	
Warranty	10 year structural 1 year electrical	
Accessories *Order separately*	**LS6059** Frosted lens **LS6060** Linear spreader lens **LS6062 -** R / G / B / Y Dichroic colour filters	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS762A Terrazza

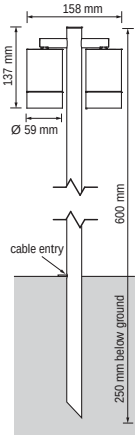


LS762A
Spike mount



LS762A-P
Long pole

LS762-2A
Double Terrazza



LS762-2A-P
Long pole

CONFIGURE THIS PRODUCT ›

					A	

SOURCE

Code	Lamp	Wattage	Base	Voltage	Code
LS762	Halogen MR16	35 W IRC max	GU5.3	12 V AC (1)	A
LS762-2	2 x Halogen MR16	2 x 35 W IRC max	GU5.3	12 V AC (1)	A

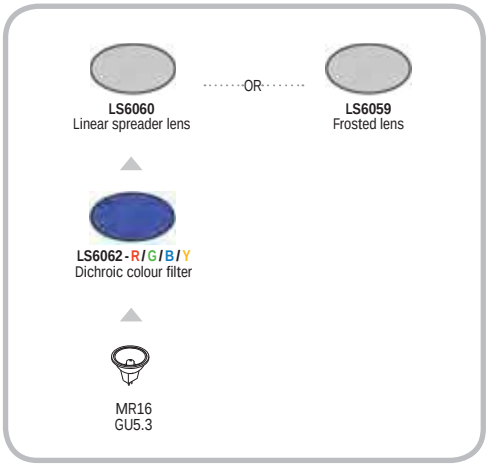
(1) Requires remote transformer - see page 239.

INSTALLATION TYPE

Finish	Material	Pole Type	Code
Machined	Stainless steel	Spike mount (1)	
		Long pole	P

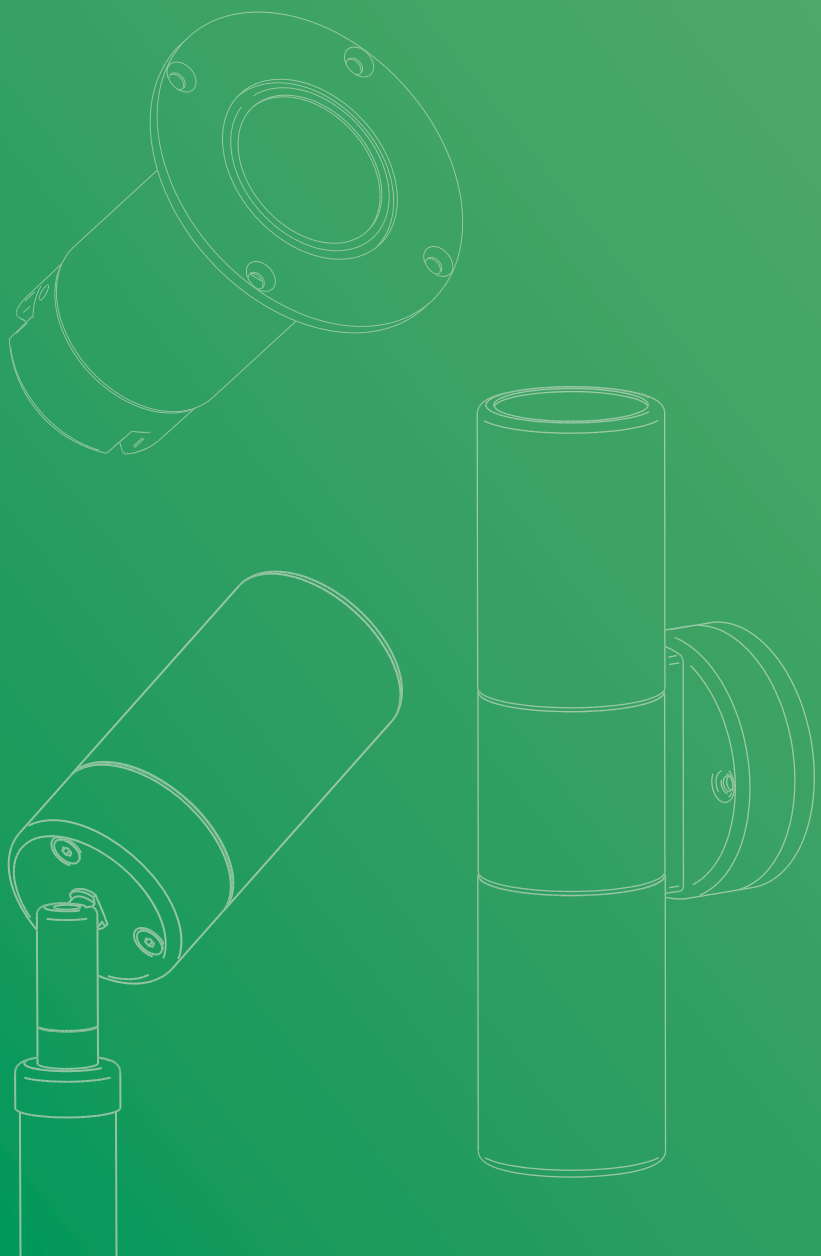
(1) Not compatible with LS762-2A.

ACCESSORIES



Other accessory stacking options may be available - consult factory

Landscape



LED source

Private Residence - Noosa QLD, Australia
LS201LED Hakea and LS121LED Cassia

humantouch™

IP65

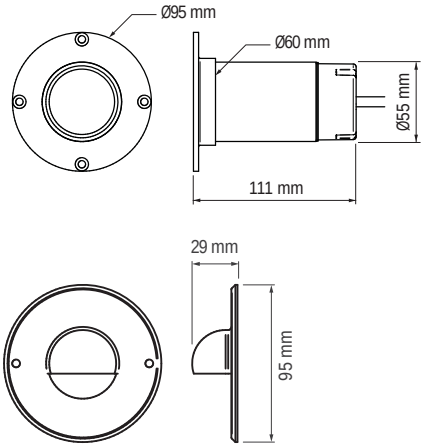
Designed and constructed with high performance in mind, this luminaire provides a clean, crisp wash of light. The copper hood accessory provides effective glare control and is suitable for low mounted path and access lighting.

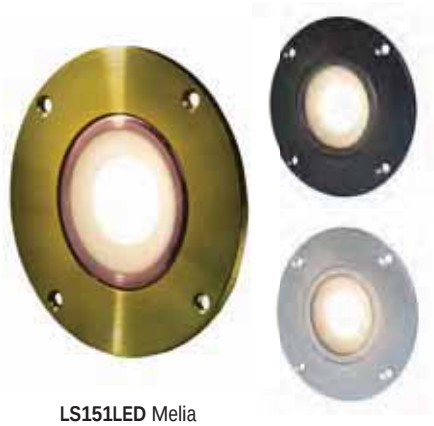
SPECIFICATIONS

LED Source	LED 3 W [1] ☐ White (4300 K typical) ☐ Warm white (3000 K typical)
IP Rating	IP65
Construction	Polished copper and brass Powder coated aluminium ■ Black ■ Silver
Installation Type	Wall mount
Standard Inclusion	Integral driver with field intensity setting (page 242)
Ambient Operating Temperature	-20 °C to 40 °C
Warranty	Copper - 10 years Aluminium - 5 years LED and driver - 3 years
Accessories	**LS603** Copper hood **LS603-C** Aluminium hood: powder coated Black, silver or superchrome powder coat available

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.





LS151LED Melia
Polished brass

LS603 Copper Hood

CONFIGURE THIS PRODUCT ›

LS151LED → [ ] → [ ] → 7

LED SOURCE

Wattage	Colour	Code
3 W	White (4300 K typical)	3W4
	Warm white (3000 K typical)	3H6

FINISH

Description	Material	Code
Polished	Brass	
Powder coated black	Aluminium	CB
Powder coated silver	Aluminium	CS

SUPPLY VOLTAGE

Voltage	Code
24 V DC or 12 V AC [1]	27

[1] Requires remote power supply or transformer - see page 239.

humantouch™

IP65

This elegant compact fixed positioned luminaire provides a clean, crisp spotlight to the ground and is ideal for grazing walls.

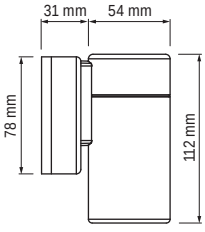
SPECIFICATIONS

LED Source	6 W [1] ☐ White (4300 K typical) Warm white (3000 K typical)
Dimmable	Using **LS6125** 0-10 V dimming *NOTE: 4 wires circuit required to be run to luminaire.*
IP Rating	IP65
Construction	Polished copper Powder coated aluminium ■ Black Silver Superchrome
Installation Type	Wall mount
Standard Inclusion	Integral driver with field intensity setting (page 242)
Ambient Operating Temperature	-20 °C to 40 °C
Warranty	Copper - 10 years Aluminium - 5 years LED and driver - 3 years
Accessories	**LS6125** 0-10 V dimmer system **LS6122** Wall plate dimmer
Photometrics	Refer to page 185

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.

LS201LED Hakea
Polished copper



CONFIGURE THIS PRODUCT ›

LS201LED → [ ] → [ ] → [ ] → 27

LED SOURCE

Wattage	Colour	Code
6 W	White (4300 K typical)	6W4
	Warm white (3000 K typical)	6H6

FINISH

Description	Material	Code
Polished	Copper	
Powder coated black	Aluminium	CB
Powder coated silver	Aluminium	CS
Powder coated Superchrome	Aluminium	CA

OPTICAL SYSTEM

Beam		Code
Narrow	14˚	N
Medium	30˚	M
Wide	40˚	W

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
24 V DC or 12 V AC dimmable [1] *0-10 V dimmer system*	27

[1] Requires *LS6125* and 4 wires to run luminaire - order separately.

humantouch™

IP65

The LS121LED fixed position luminaire can be used for grazing walls whilst providing light at ground level. This luminaire is suitable for outdoor applications where it can provide either a decorative lighting effect or it can perform a more utilitarian role.

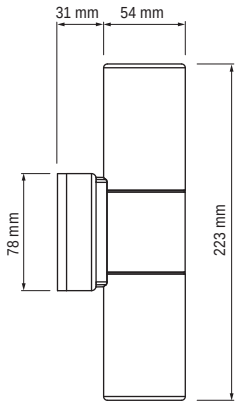
SPECIFICATIONS

LED Source	LED 2 x 6 W [1] □ White (4300 K typical) ■ Warm white (3000 K typical)
Dimmable	Using **LS6125** 0-10 V dimming *NOTE: 4 wires circuit required to be run to luminaire.*
IP Rating	IP65
Construction	Polished copper Powder coated aluminium ■ Black ■ Silver ■ Superchrome
Installation Type	Wall mount
Standard Inclusion	Integral driver with field intensity setting (page 242)
Ambient Operating Temperature	-20 °C to 40 °C
Warranty	Copper - 10 years Aluminium - 5 years LED and driver - 3 years
Accessories	**LS6125** 0-10 V dimmer system **LS6122** Wall plate dimmer
Photometrics	Refer to page 185

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.

LS121LED Cassia
Polished copper



CONFIGURE THIS PRODUCT ›

LS121LED → [ ] → [ ] → [ ] → 27

LED SOURCE

Wattage	Colour	Code
2 x 6 W	White (4300 K typical)	12W4
	Warm white (3000 K typical)	12H6

FINISH

Description	Material	Code
Polished	Copper	
Powder coated black	Aluminium	CB
Powder coated silver	Aluminium	CS
Powder coated Superchrome	Aluminium	CA

OPTICAL SYSTEM

Beam		Code
Narrow	14°	N
Medium	30°	M
Wide	40°	W

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
24 V DC or 12 V AC dimmable [1] *0-10 V dimmer system*	27

[1] Requires *LS6125* and 4 wires to run luminaire - order separately.

humantouch™

IP65

The LS321LED is a compact adjustable luminaire used for highlighting decorative elements. With an extra head added, the LS321-2LED luminaire can provide light for multiple surfaces. These luminaires are suitable for outdoor applications where they can provide either a decorative lighting effect or perform a more utilitarian role.

SPECIFICATIONS

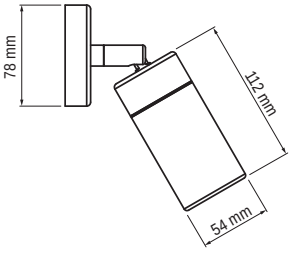
LED Source	LED 6 W or 2 x 6 W [1] ☐ White (4300 K typical) Warm white (3000 K typical)
Dimmable	Using **LS6125** 0-10 V dimming *NOTE: 4 wires circuit required to be run to luminaire.*
IP Rating	IP65
Construction	Polished copper Powder coated aluminium ■ Black ■ Silver ■ Superchrome
Installation Type	Wall mount
Standard Inclusion	Integral driver with field intensity setting (page 242)
Ambient Operating Temperature	-20 °C to 40 °C
Warranty	Copper - 10 years Aluminium - 5 years LED and driver - 3 years
Accessories	**LS6125** 0-10 V dimmer system **LS6122** Wall plate dimmer **LS624** Glare shield
Photometrics	Refer to page 185

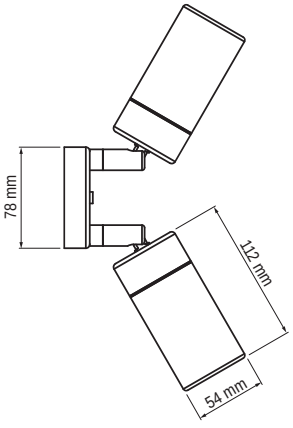
NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.

LS321LED Pagoda
Polished copper

LS321-2LED Pagoda
Polished copper





Code	LED SOURCE Wattage	Colour	Code
LS321LED	6 W	White (4300 K typical)	6W4
		Warm white (2900 K typical)	6H6
LS321-2LED	2 x 6 W	White (4300 K typical)	12W4
		Warm white (2900 K typical)	12H6

FINISH Description	Material	Code
Polished	Copper	
Powder coated black	Aluminium	CB
Powder coated silver	Aluminium	CS
Powder coated Superchrome	Aluminium	CA

OPTICAL SYSTEM Beam	Code
Narrow 14°	N
Medium 30°	M
Wide 40°	W

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE Voltage	Code
24 V DC or 12 V AC dimmable [1] *0-10 V dimmer system*	27

[1] Requires *LS6125* and 4 wires to run luminaire - order separately.

humantouch™

IP65

This spike mounted luminaire delivers light in a stylish, discrete and controlled manner above ground covers. With two adjustable heads, the LS192-2LED adds further functionality with its bidirectional light aiming capability.

SPECIFICATIONS

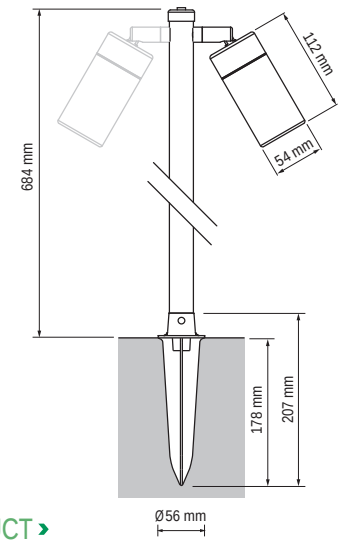
LED Source	LED 6 W or 2 x 6 W [1] □ White (4300 K typical) □ Warm white (3000 K typical)
Dimmable	Using **LS6125** 0-10 V dimming *NOTE: 4 wires circuit required to be run to luminaire.*
IP Rating	IP65
Construction	Polished copper Powder coated aluminium ■ Black ■ Silver ■ Superchrome
Installation Type	Spike Mount
Standard Inclusion	Integral driver with field intensity setting (page 242)
Ambient Operating Temperature	-20 °C to 40 °C
Warranty	Copper - 10 years Aluminium - 5 years LED and driver - 3 years
Accessories	**LS6125** 0-10 V dimmer system **LS6122** Wall plate dimmer **LS624** Glare shield
Photometrics	Refer to page 185

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.

LS192LED Grevillea
Polished copper

LS192-2LED Double Grevillea
Polished copper



CONFIGURE THIS PRODUCT ›

Code	LED SOURCE Wattage	Colour	Code	FINISH Description	Material	Code	OPTICAL SYSTEM Beam	Code	SUPPLY VOLTAGE Voltage	Code
LS192LED	6 W	White (4300 K typical)	6W4	Polished	Copper		Narrow 14°	N	24 V DC or 12 V AC dimmable [1] *0-10 V dimmer system*	27
LS192-2LED		Warm white (2900 K typical)	6H6	Powder coated black	Aluminium	CB	Medium 30°	M		
	2 x 6 W	White (4300 K typical)	12W4	Powder coated silver	Aluminium	CS	Wide 40°	W		
		Warm white (2900 K typical)	12H6	Powder coated Superchrome	Aluminium	CA				

NOTE: Beam angle values are nominal.

[1] Requires *LS6125* and 4 wires to run luminaire - order separately.

humantouch™

IP65

This popular low voltage spike mount luminaire is ideal for garden applications. This luminaire is suitable for outdoor applications where it can provide either a decorative lighting effect or it can perform a more utilitarian role.

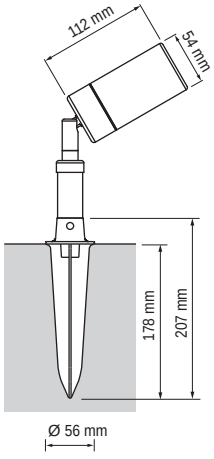
SPECIFICATIONS

LED Source	LED 6 W [1] □ White (4300 K typical) ■ Warm white (3000 K typical)
Dimmable	Using **LS6125** 0-10 V dimming *NOTE: 4 wires circuit required to be run to luminaire.*
IP Rating	IP65
Construction	Polished copper Powder coated aluminium ■ Black ■ Silver ■ Superchrome
Installation Type	Spike mount
Standard Inclusion	Integral driver with field intensity setting (page 242)
Ambient Operating Temperature	-20 °C to 40 °C
Warranty	Copper - 10 years Aluminium - 5 years LED and driver - 3 years
Accessories	**LS6125** 0-10 V dimmer system **LS6122** Wall plate dimmer **LS624** Glare shield
Photometrics	Refer to page 185

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption using a DC power supply. Actual power consumed may vary. Power supply not included.

LS782LED Astelia



CONFIGURE THIS PRODUCT ›

LS782LED → [ ] → [ ] → [ ] → 27

LED SOURCE

Wattage	Colour	Code
6 W	White (4300 K typical)	6W4
	Warm white (3000 K typical)	6H6

FINISH

Description	Material	Code
Polished	Copper	
Powder coated black	Aluminium	CB
Powder coated silver	Aluminium	CS
Powder coated Superchrome	Aluminium	CA

OPTICAL SYSTEM

Beam		Code
Narrow	14˚	N
Medium	30˚	M
Wide	40˚	W

NOTE: Beam angle values are nominal.

SUPPLY VOLTAGE

Voltage	Code
24 V DC or 12 V AC dimmable [1] *0-10 V dimmer system*	27

[1] Requires *LS6125* and 4 wires to run luminaire - order separately.

PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

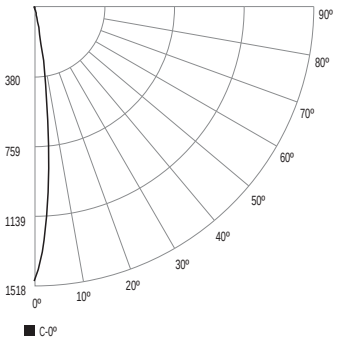
LS201LED
LS321LED
LS192LED
LS782LED

4300 K

14° Beam Angle

Power Input	5.8
Lumens	127
Efficacy	22 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	1475	1475	1475	1475	1475	1475	1475
10°	275	251	241	232	235	244	294
20°	15	14	14	14	14	15	17
30°	1	1	1	1	0	0	0
40°	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	1475	26 cm
2	379	52 cm
3	169	77 cm
4	95	103 cm
5	61	129 cm

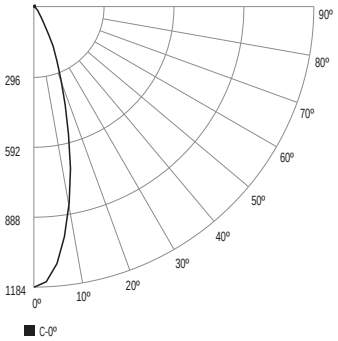
LS201LED
LS321LED
LS192LED
LS782LED

4300 K

30° Beam Angle

Power Input	6.9
Lumens	365
Efficacy	53 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	1184	1184	1184	1184	1184	1184	1184
10°	821	834	841	841	841	839	850
20°	315	326	333	334	333	333	333
30°	81	89	96	94	88	87	89
40°	19	18	16	16	18	20	23
50°	3	3	3	3	3	3	4
60°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	1184	51 cm
2	296	102 cm
3	132	152 cm
4	74	203 cm
5	47	254 cm

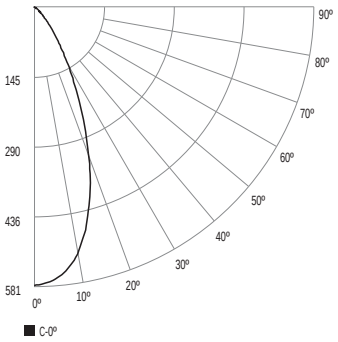
LS201LED
LS321LED
LS192LED
LS782LED

4300 K

40° Beam Angle

Power Input	6.9
Lumens	359
Efficacy	48 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	581	581	581	581	581	581	581
10°	523	517	512	506	501	498	497
20°	336	325	312	300	291	287	286
30°	147	140	129	121	119	123	127
40°	51	48	44	41	41	45	48
50°	16	15	13	12	12	13	14
60°	1	1	1	1	0	0	0
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	581	81 cm
2	145	162 cm
3	65	243 cm
4	36	324 cm
5	23	405 cm

standard lamp source

Private Residence - Raby Bay QLD, Australia
LS321A Pagoda

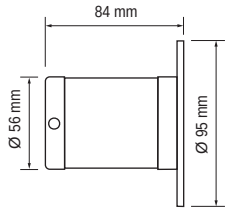
IP54 CE

This compact recessed wall mount luminaire is ideal for outdoor applications. Designed and constructed with high performance in mind the luminaire provides a clean crisp wash of light on concrete paths, decks, stairways and other outdoor areas.

SPECIFICATIONS

Lamp Source	Halogen MR16 (GU5.3)	20 W max
IP Rating	IP54	
Construction	Copper and brass Powder coated aluminium	
Installation Type	Direct burial or wall mount	
Ambient Operating Temperature	-10 °C to +40 °C	
Warranty	10 year structural *copper* 2 year structural *aluminium* 1 year electrical	
Accessories *Order separately*	**LS603** Copper hood **LS603-C** Aluminium hood: powder coated Black, silver or superchrome powder coat available **LS643-R/G/B/Y** Dichroic colour filters	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.



LS151A Melia

LS603 Copper Hood

CONFIGURE THIS PRODUCT ›

LS151 → **A** → [ ]

SOURCE

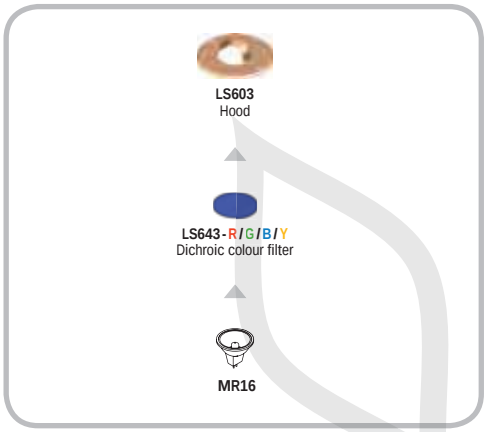
Lamp	Wattage	Base	Voltage	Code
Halogen MR16	20 W max	GU5.3	12 V (1)	A

(1) Requires remote transformer - see page 239.

FINISH

Material	Type	Code
Copper	Polished copper	
Aluminium	Powder coated black	CB
	Powder coated silver	CS

ACCESSORIES



Other accessory stacking options may be available - consult factory

IP54 CE

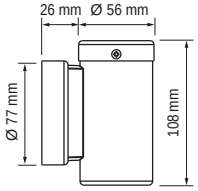
The LS201A-3 is a compact, fixed position spotlight luminaires used for grazing walls whilst providing light at ground level. They are constructed of copper or powder coated aluminium. The proprietary heat shield is unique to Lumascape and draws heat away from the lamp, extending the lamp life. These luminaires provide a decorative lighting effect in residential or resort environments.

SPECIFICATIONS

Lamp Source	Halogen MR16 IRC (GU5.3)	20 W max
IP Rating	IP54	
Construction	Copper Powder coated aluminium	
Installation Type	Surface mount	
Standard Inclusion	Internal glare control louvre	
Ambient Operating Temperature	-10 °C to +40 °C	
Warranty	10 year structural *copper* 2 year structural *aluminium* 1 year electrical	
Accessories *Order separately*	**LS680** Tree mounting strap **LS659** Tree mount extension strap **LSTE8** Integral transformer **LS624** Glare shield **LS643-R/G/B/Y** Dichroic colour filters	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS201A-3 Hakea



CONFIGURE THIS PRODUCT ›

LS201 → A-3 → [ ]

SOURCE

Lamp	Wattage	Base	Voltage	Code
Halogen MR16	20 W IRC max	GU5.3	12 V (1)	A-3

(1) Requires integral *LSTE8* or remote transformer - see page 239.

FINISH

Material	Description	Code
Copper	Polished copper	
Aluminium	Powder coated black	CB
	Powder coated silver	CS

ACCESSORIES

LS624
Glare shield

LS680 Tree mounting strap
Max circumference 1 m
Can be extended with
LS659 Extension strap
Circumference 1 m each

LS643-R/G/B/Y
Dichroic colour filter

MR16

Other accessory stacking options may be available - consult factory

IP54 CE

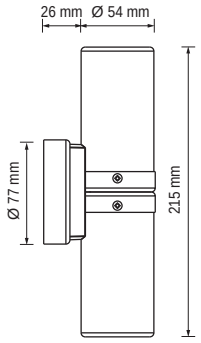
The LS121A-2 is a compact, fixed position spotlight luminaires used for grazing walls whilst providing light at ground level. They are constructed of copper or powder coated aluminium. The proprietary heat shield is unique to Lumascape and draws heat away from the lamp, extending the lamp life. These luminaires provide a decorative lighting effect in residential or resort environments.

SPECIFICATIONS

Lamp Source	Halogen MR16 IRC (GU5.3)	2 x 20 W max
IP Rating	IP54	
Construction	Copper Powder coated aluminium	
Installation Type	Surface mount	
Standard Inclusion	Internal glare control louvre	
Ambient Operating Temperature	-10 °C to +40 °C	
Warranty	10 year structural *copper* 2 year structural *aluminium* 1 year electrical	
Accessories *Order separately*	**LS680** Tree mounting strap **LS659** Tree mount extension strap **LSTE8** Integral transformer **LS624** Glare shield **LS643-R/G/B/Y** Dichroic colour filters	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS121A-2 Cassia
Polished Copper



CONFIGURE THIS PRODUCT ›

LS121	A-2	

SOURCE

Lamp	Wattage	Base	Voltage	Code
2 x Halogen MR16	2 x 20 W IRC max	GU5.3	12 V (1)	A-2

(1) Requires integral *LSTE8* or remote transformer - see page 239.

FINISH

Material	Description	Code
Copper	Polished copper	
Aluminium	Powder coated black	CB
	Powder coated silver	CS

ACCESSORIES

LS624
Glare shield

LS680 Tree mounting strap
Max circumference 1 m
Can be extended with
LS659 Extension strap
Circumference 1 m each

LS643-R/G/B/Y
Dichroic colour filter

MR16

Other accessory stacking options may be available - consult factory

IP54 CE

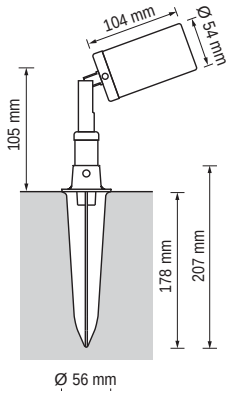
The LS782A is a popular low voltage spike mount luminaire for landscape lighting applications. Constructed of copper or powder coated aluminium, the proprietary heat shield is unique to Lumascape and draws heat away from the lamp, extending the lamp life.

SPECIFICATIONS

Lamp Source	Halogen MR16 (GU5.3)	35 W max
IP Rating	IP54	
Construction	Copper and brass Powder coated aluminium	
Installation Type	Spike mount	
Standard Inclusion	Internal glare control louvre	
Ambient Operating Temperature	-10 °C to +40 °C	
Warranty	10 year structural *copper* 2 year structural *aluminium* 1 year electrical	
Accessories *Order separately*	**LS624** Glare shield **LS617** Frosted lens **LLLS** Linear spreader lens **LS643-R/G/B/Y** Dichroic colour filters	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS782A Astelia



CONFIGURE THIS PRODUCT ›

LS782 → A → [ ]

SOURCE

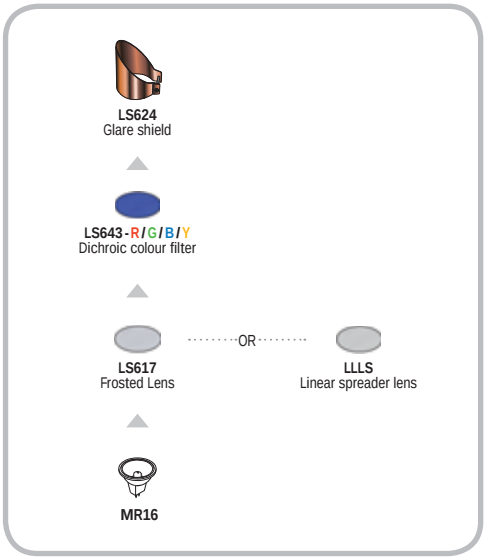
Lamp	Wattage	Base	Voltage	Code
Halogen MR16	35 W IRC max	GU5.3	12 V (1)	A

(1) Requires remote transformer - see page 239.

FINISH

Material	Description	Code
Copper	Polished copper	
Aluminium	Powder coated black	CB
	Powder coated silver	CS

ACCESSORIES



Other accessory stacking options may be available - consult factory

IP54 CE

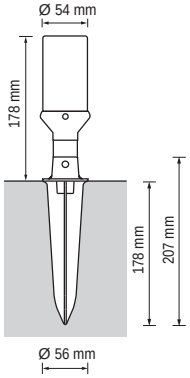
The LS132A is a popular low voltage spike mount luminaire for landscape lighting applications. It is constructed of copper or powder coated aluminium. The proprietary heat shield is unique to Lumascape and draws heat away from the lamp, extending the lamp life.

SPECIFICATIONS

Lamp Source	Halogen MR16 (GU5.3)	35 W max
IP Rating	IP54	
Construction	Copper and brass Powder coated aluminium	
Installation Type	Spike mount	
Standard Inclusion	Internal glare control louvre	
Ambient Operating Temperature	-10 °C to +40 °C	
Warranty	10 year structural *copper* 2 year structural *aluminium* 1 year electrical	
Accessories *Order separately*	**LS624** Glare shield **LS617** Frosted lens **LLLS** Linear spreader lens **LS643-R/G/B/Y** Dichroic colour filters	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS132A Melaleuca



CONFIGURE THIS PRODUCT ›

LS132	A	

SOURCE

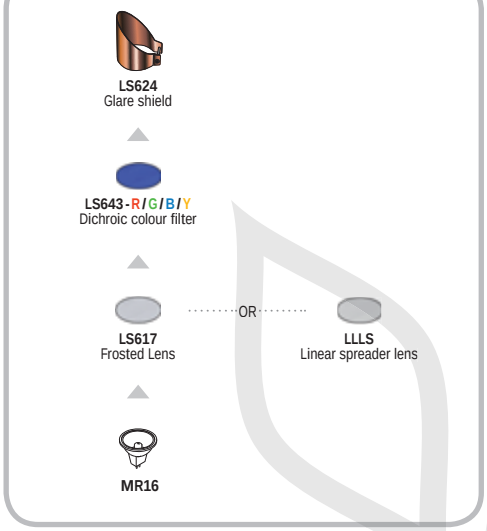
Lamp	Wattage	Base	Voltage	Code
Halogen MR16	35 W IRC max	GU5.3	12 V [1]	A

[1] Requires remote transformer - see page 239.

FINISH

Material	Description	Code
Copper	Polished copper	
Aluminium	Powder coated black	CB
	Powder coated silver	CS

ACCESSORIES



Other accessory stacking options may be available - consult factory

IP54 CE

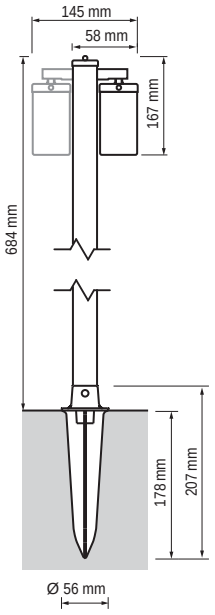
The LS192 is a low voltage spike mount luminaire delivering light in a controlled manner, with a choice of one or two adjustable light heads to direct the light where needed. It is constructed of copper or powder coated aluminium. The proprietary heat shield is unique to Lumascape and draws heat away from the lamp, extending the lamp life. This model is ideal for illuminating low level plantings or objects of interest in a landscape.

SPECIFICATIONS

Lamp Source LS192-1A	Halogen MR16 IRC (GU5.3)	35 W max
Lamp Source LS192-2A	Halogen MR16 IRC (GU5.3)	2 x 35 W max
IP Rating	IP54	
Construction	Copper Powder coated aluminium	
Installation Type	Spike mount	
Standard Inclusion	Internal glare control louvre	
Ambient Operating Temperature	-10 °C to +40 °C	
Warranty	10 year structural *copper* 2 year structural *aluminium* 1 year electrical	
Accessories *Order separately*	**LS624** Glare shield **LS617** Frosted lens **LLLS** Linear spreader lens **LS643-R/G/B/Y** Dichroic colour filters	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS192-1A Grevillea



LS192-2A Double Grevillea

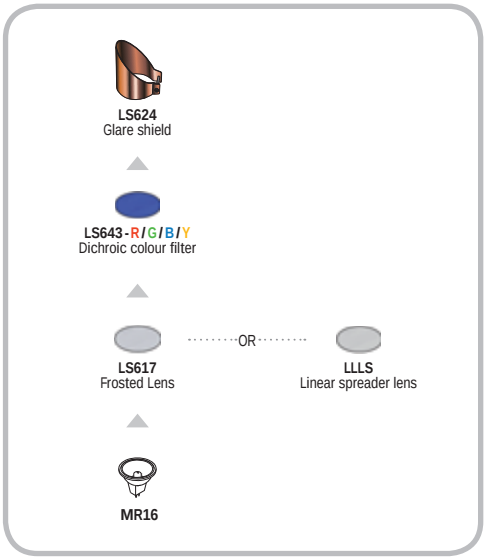
CONFIGURE THIS PRODUCT ›

Code	SOURCE Lamp	Wattage	Base	Voltage	Code
LS192-1	Halogen MR16	35 W IRC max	GU5.3	12 V (1)	A
LS192-2	2 x Halogen MR16	2 x 35 W IRC max	GU5.3	12 V (1)	A

(1) Requires remote transformer - see page 239.

FINISH Material	Description	Code
Copper	Polished copper	
Aluminium	Powder coated black	CB
	Powder coated silver	CS

ACCESSORIES



Other accessory stacking options may be available - consult factory

IP54 CE

The LS321A is a compact, adjustable luminaire for highlighting decorative elements. It is constructed of copper or powder coated aluminium. The proprietary heat shield is unique to Lumascape and draws heat away from the lamp, extending the lamp life.

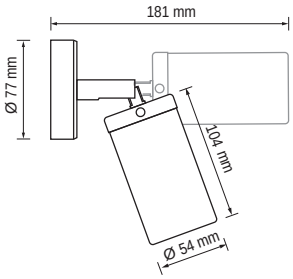
SPECIFICATIONS

Lamp Source LS321A	Halogen MR16 IRC (GU5.3)	35 W max
Lamp Source LS321-2A	Halogen MR16 IRC (GU5.3)	2 x 35 W max
IP Rating	IP54	
Construction	Copper and brass Powder coated aluminium	
Installation Type	Surface mount	
Standard Inclusion	Internal glare control louvre	
Ambient Operating Temperature	-10 °C to +40 °C	
Warranty	10 year structural *copper* 2 year structural *aluminium* 1 year electrical	
Accessories *Order separately*	**LSTE8** Integral transformer LS321A only (20 W max) **LS680** Tree mounting strap **LS659** Tree mount extension strap **LS624** Glare shield **LS617** Frosted lens **LLLS** Linear spreader lens **LS643-R/G/B/Y** Dichroic colour filters	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS321A Pagoda

LS321-2A Double Pagoda



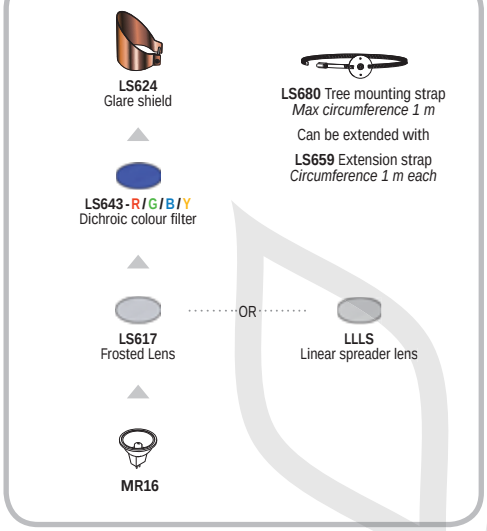
CONFIGURE THIS PRODUCT ›

Code	SOURCE Lamp	Wattage	Base	Voltage	Code
LS321	Halogen MR16	35 W IRC max	GU5.3	12 V (1)	A
LS321-2	2 x Halogen MR16	2 x 35 W IRC max	GU5.3	12 V (2)	A

(1) Requires integral *LSTE8* or remote transformer - see page 239.
(2) Requires remote transformer - see page 239.

FINISH Material	Description	Code
Copper	Polished copper	
Aluminium	Powder coated black	CB
	Powder coated silver	CS

ACCESSORIES



Other accessory stacking options may be available - consult factory

IP54 CE

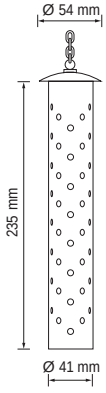
The LS294 is a decorative luminaire made from copper for use in trees or other suspended applications where some ground light is also desired. The luminaire sparkles through the sides, whilst casting light through the bottom aperture. It is very popular in residential or resort applications, where low ambient light levels allow it to perform at its best.

SPECIFICATIONS

Lamp Source	Halogen MR11	20 W max
IP Rating	IP54	
Construction	Copper	
Installation Type	Suspension	
Ambient Operating Temperature	-10 °C to +40 °C	
Warranty	10 year structural, 1 year electrical	
Photometrics	Use photometry files from your lamp manufacturer	

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

LS294 Firefly

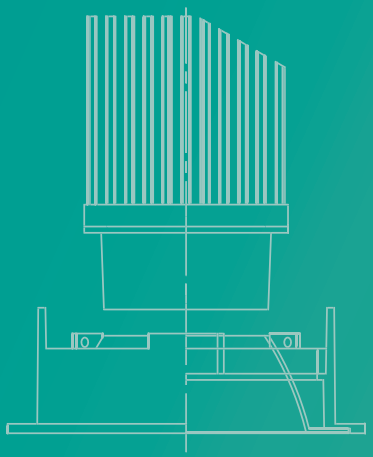


CONFIGURE THIS PRODUCT ›

SOURCE				LS294
Lamp	**Wattage**	**Base**	**Voltage**	**Code**
Halogen MR11	20 W max	BA15d / SBC	12 V (1)	**LS294**

(1) Requires remote transformer - see page 239.

Interior Downlights



Department Store - Korea, Vietnam

Ø71 mm | IP44 | CE

The LS35027 is an interior recessed downlight designed as a decorative lighting option to the traditional halogen MR16 lamp source. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Available in other colours.

LS35027 Interior Recessed Downlight

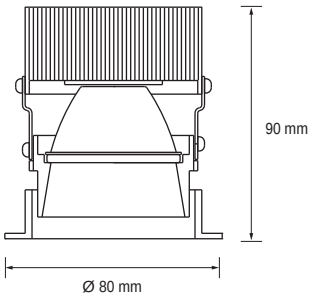
SPECIFICATIONS

LED Source	LED 10 W (1) ☐ White (4300 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Powder coated die-cast aluminium
Reflector	■ Silver
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

(1) Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

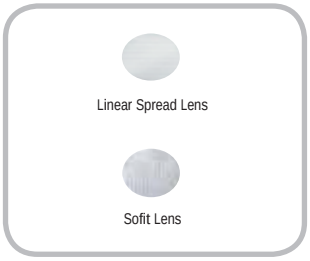


CONFIGURE THIS PRODUCT ›

LS35027		M		1
LED SOURCE				SUPPLY VOLTAGE
Wattage Colour	Code	Beam Angle	Code	Option	Code	Voltage	Code
10 W White (4300 K typical)	10W4	Medium	M	CRI 80Ra		240 V (1)	1
10 W Warm white (3000 K typical)	10H3			Dimming	DM		

(1) driver supplied

ACCESSORIES



Other accessory stacking options may be available - consult factory

PHOTOMETRICS

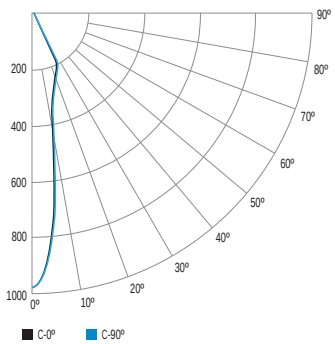
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

35027
10 W Medium
3000 K

21° Beam Angle

Power Input	10.8
Lumens	291
Efficacy	29 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	976	976	976	976	976	976	976
10°	560	529	496	474	451	444	439
20°	250	243	238	240	238	239	240
30°	121	97	79	71	68	58	52
40°	17	17	15	14	13	12	12
50°	9	9	8	8	8	8	8
60°	6	5	5	5	5	5	5
70°	1	1	1	1	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	976	38 cm
2	245	75 cm
3	109	113 cm
4	61	150 cm
5	39	188 cm

The LS15031 is a fixed pinhole downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

SPECIFICATIONS

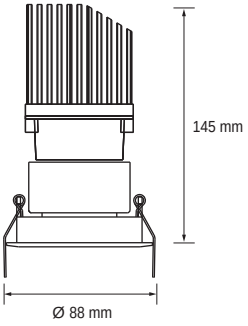
LED Source	LED 10 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Daylight (5600 K typical) *Other colours by request*
IP Rating	IP44
Construction	Powder coated die-cast aluminium
Reflector	Concealed
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

LS15031 Interior Recessed Downlight



CONFIGURE THIS PRODUCT ›

LS15031LED — [ ] — [ ] — [1]

LED SOURCE

Wattage	Colour	Code
10 W	White (4300 K typical)	10W4
	Warm white (3000 K typical)	10H3

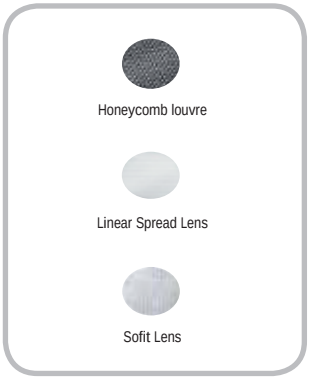
Option	Code
CRI 80Ra	
CRI 90Ra	C9
Dimming	DM

SUPPLY VOLTAGE

Voltage	Code
240 V [1]	1

[1] driver supplied

ACCESSORIES



Other accessory stacking options may be available - consult factory

PHOTOMETRICS

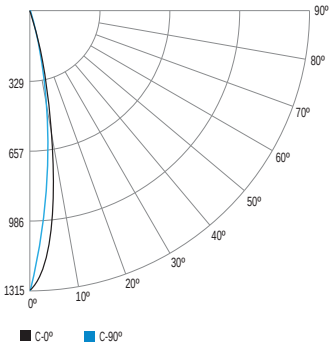
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

15031
10 W Spot
3000 K

15 ° Beam Angle

Power Input	11.5
Lumens	187
Efficacy	16 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	1315	1315	1315	1315	1315	1315	1315
10°	557	565	562	553	532	504	473
20°	55	56	56	52	51	49	48
30°	25	25	25	24	23	24	37
40°	8	7	9	10	8	9	16
50°	6	6	7	10	8	7	7
60°	4	4	4	4	4	3	3
70°	2	1	1	1	1	1	1
80°	1	1	1	0	1	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

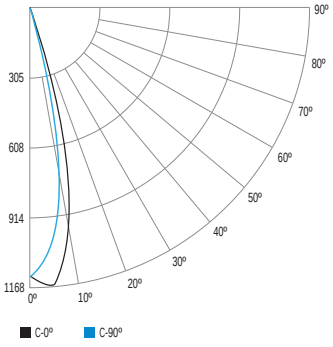
m	Center Beam lx	Beam Ø
1	1315	27 cm
2	329	54 cm
3	146	81 cm
4	82	108 cm
5	53	135 cm

15031
10 W Medium
3000 K

25° Beam Angle

Power Input	11.5
Lumens	267
Efficacy	23 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	1168	1168	1168	1168	1168	1168	1168
10°	881	853	828	808	792	782	781
20°	69	64	61	59	59	59	61
30°	35	18	15	15	14	13	13
40°	18	10	8	11	9	7	6
50°	9	7	8	8	7	6	5
60°	3	3	3	3	3	3	3
70°	1	1	1	1	1	1	1
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

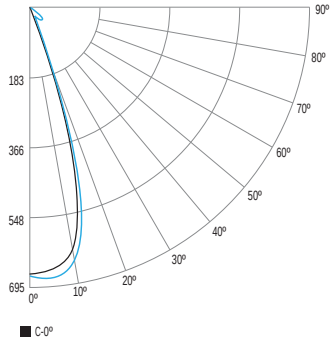
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	1168	46 cm
2	305	92 cm
3	135	138 cm
4	76	184 cm
5	49	230 cm

15031
10 W Wide
3000 K
35° Beam Angle

Power Input	11.5
Lumens	287
Efficacy	25 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	695	695	695	695	695	695	695
10°	664	674	677	680	681	682	682
20°	290	291	293	294	289	282	273
30°	21	27	42	46	37	28	26
40°	8	13	27	35	46	52	44
50°	6	7	8	9	10	12	12
60°	3	3	3	3	3	3	3
70°	1	1	1	1	1	1	1
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	695	65 cm
2	183	129 cm
3	81	194 cm
4	46	258 cm
5	29	323 cm

The LS25022 is a wall wash downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS25022 Interior Recessed Downlight

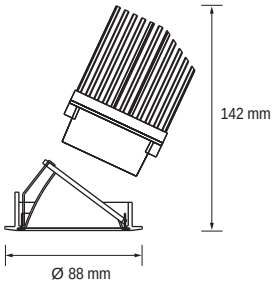
SPECIFICATIONS

LED Source	LED 15 W (1) ☐ White (4300 K typical) Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

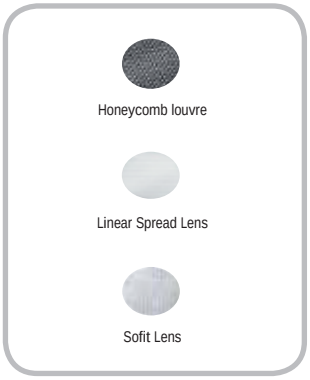
NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

(1) Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110



ACCESSORIES



Other accessory stacking options may be available - consult factory

CONFIGURE THIS PRODUCT ›

LS25022LED						1
LED SOURCE					SUPPLY VOLTAGE	
Wattage	Colour	Code	Option	Code	Voltage	Code
15 W	White (4300 K typical)	15W4	CRI 80Ra		240 V (1)	1
	Warm white (3000 K typical)	15H3	CRI 90Ra	C9	(1) driver supplied	
			Dimming	DM		

PHOTOMETRICS

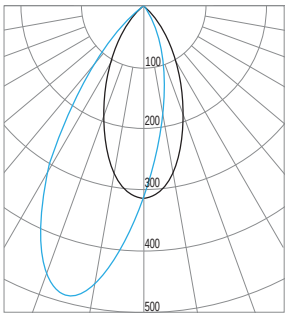
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

25022
15 W Medium
3000 K

38° Beam Angle

Power Input	16.6
Lumens	377
Efficacy	23 lm/W

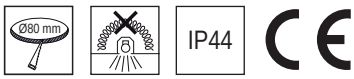
Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	315	315	315	315	315	315	315
10°	463	452	426	391	350	309	271
20°	462	444	401	346	287	232	186
30°	309	293	260	217	173	133	100
40°	123	117	105	89	73	57	42
50°	44	43	40	35	28	20	13
60°	15	15	13	10	7	3	0
70°	4	4	3	1	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	449	69 cm
2	112	138 cm
3	50	207 cm
4	28	276 cm
5	18	345 cm

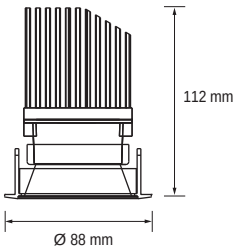


The LS15022 is a specification grade fixed downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS15022 Interior Recessed Downlight

SPECIFICATIONS

LED Source	LED 10 W [1] or 15 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) Daylight (5600 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

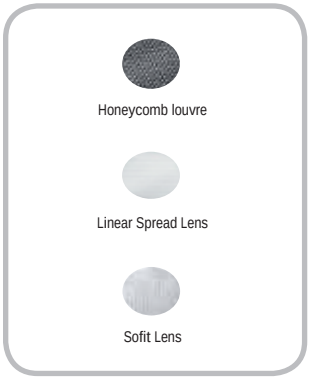


NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

ACCESSORIES



Other accessory stacking options may be available - consult factory

CONFIGURE THIS PRODUCT ›

LS15022LED [ ] [ ] [ ] [1]

LED SOURCE							SUPPLY VOLTAGE	
Wattage	Colour	Code	Beam Angle	Code	Option	Code	Voltage	Code
10 W	White (4300 K typical)	10W4	Spot	S	CRI 80Ra		240 V [1]	1
	Warm white (3000 K typical)	10H3	Medium	M	CRI 90Ra	C9		
15 W	White (4300 K typical)	15W4	Wide	W	Dimming	DM		
	Warm white (3000 K typical)	15H3						

[1] driver supplied

PHOTOMETRICS

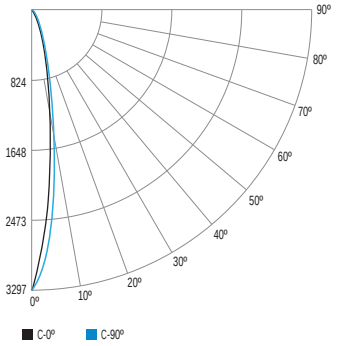
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

15022
10 W Spot
3000 K

16° Beam Angle

Power Input	12.7
Lumens	687
Efficacy	54 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	3297	3297	3297	3297	3297	3297	3297
10°	1223	1166	1110	1063	1030	1011	1009
20°	404	395	384	375	372	373	377
30°	258	253	250	247	244	244	248
40°	40	39	38	38	36	35	36
50°	14	14	14	13	11	11	11
60°	4	4	5	5	4	5	6
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

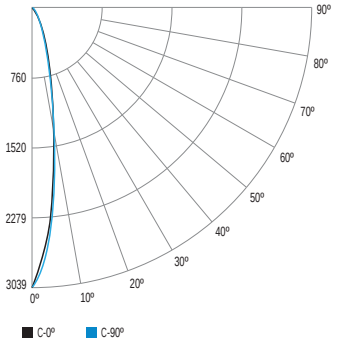
m	Center Beam lx	Beam Ø
1	3297	29 cm
2	824	58 cm
3	366	87 cm
4	206	116 cm
5	132	145 cm

15022
10 W Medium
3000 K

18° Beam Angle

Power Input	12.7
Lumens	706
Efficacy	55 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	3039	3039	3039	3039	3039	3039	3039
10°	1375	1380	1383	1377	1353	1328	1304
20°	521	515	508	498	485	470	455
30°	278	277	274	271	269	264	262
40°	28	29	29	30	27	27	27
50°	17	17	17	17	17	17	16
60°	4	5	5	4	5	5	6
70°	2	1	1	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

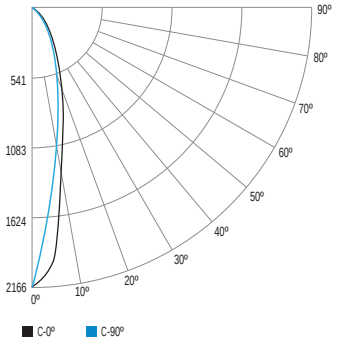
m	Center Beam lx	Beam Ø
1	3039	32 cm
2	760	64 cm
3	338	96 cm
4	190	128 cm
5	122	160 cm

15022
10 W Wide
3000 K

19° Beam Angle

Power Input	12.7
Lumens	686
Efficacy	54 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	2166	2166	2166	2166	2166	2166	2166
10°	950	968	981	1002	1045	1092	1145
20°	572	581	597	614	628	645	661
30°	267	273	277	281	289	296	303
40°	28	27	26	26	30	34	37
50°	11	12	12	12	14	14	14
60°	5	5	6	6	5	5	5
70°	0	0	0	3	3	2	2
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	2166	34 cm
2	541	67 cm
3	241	100 cm
4	135	135 cm
5	87	168 cm

PHOTOMETRICS

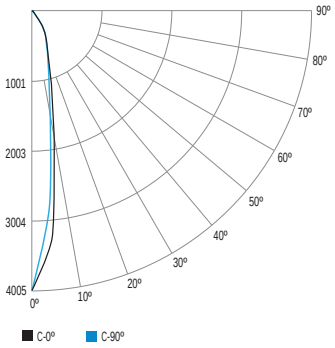
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

15022
15 W Spot
3000 K

19° Beam Angle

Power Input	16.7
Lumens	998
Efficacy	60 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	4005	4005	4005	4005	4005	4005	4005
10°	2309	2235	2106	1939	1795	1682	1583
20°	771	763	743	717	689	659	630
30°	435	431	424	413	398	382	358
40°	83	70	68	69	67	62	60
50°	26	27	28	28	25	21	18
60°	7	7	7	7	7	7	8
70°	4	5	5	4	1	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

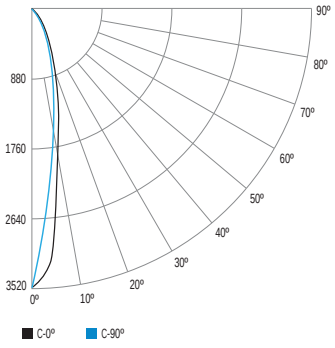
m	Center Beam lx	Beam Ø
1	4005	34 cm
2	1001	68 cm
3	445	103 cm
4	250	137 cm
5	160	171 cm

15022
15 W Medium
3000 K

23° Beam Angle

Power Input	16.7
Lumens	946
Efficacy	57 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	3520	3520	3520	3520	3520	3520	3520
10°	1573	1616	1678	1748	1831	1939	2068
20°	633	663	687	711	739	779	827
30°	305	334	363	383	392	405	423
40°	33	33	34	38	47	64	87
50°	18	20	20	21	25	27	28
60°	7	8	9	8	8	8	9
70°	0	0	0	0	0	5	7
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

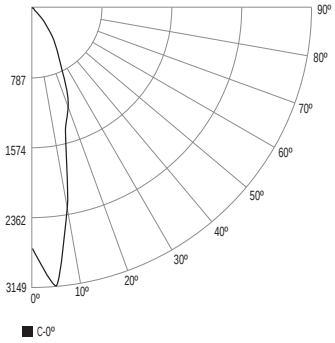
m	Center Beam lx	Beam Ø
1	3520	40 cm
2	880	81 cm
3	391	121 cm
4	220	161 cm
5	140	202 cm

15022
15 W Wide
3000 K

21° Beam Angle

Power Input	16.7
Lumens	1046
Efficacy	62 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	2701	2701	2701	2701	2701	2701	2701
10°	2256	2178	2062	1897	1698	1530	1431
20°	1169	1141	1098	1052	999	937	880
30°	561	548	528	506	480	453	419
40°	153	144	122	100	80	61	44
50°	24	24	23	22	20	21	20
60°	9	10	9	9	8	7	8
70°	4	5	4	5	4	3	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	3149	37 cm
2	787	74 cm
3	350	111 cm
4	197	148 cm
5	126	184 cm

The LS35022 is a adjustable pinhole downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

SPECIFICATIONS

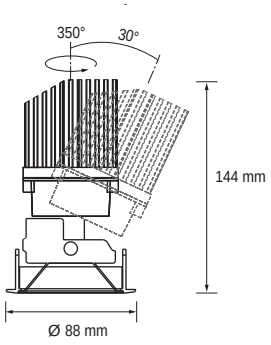
LED Source	LED 15 W [1] ☐ White (4300 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	■ Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

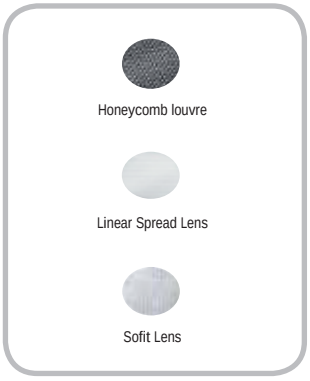
[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

LS35022 Interior Recessed Downlight



ACCESSORIES



Other accessory stacking options may be available - consult factory

CONFIGURE THIS PRODUCT ›

LS35022LED [ ] [ ] 1

LED SOURCE					SUPPLY VOLTAGE	
Wattage	Colour	Code	Option	Code	Voltage	Code
15 W	White (4300 K typical)	15W4	CRI 80Ra		240 V [1]	1
	Warm white (3000 K typical)	15H3	CRI 90Ra	C9		
			Dimming	DM		

[1] driver supplied

PHOTOMETRICS

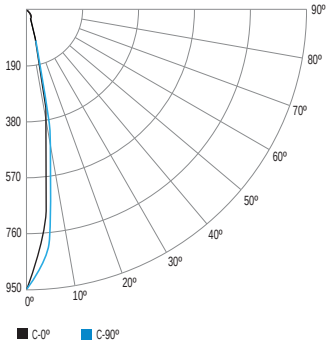
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

35022
15 W Spot
3000 K

20° Beam Angle

Power Input	15
Lumens	88
Efficacy	6 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	941	941	941	941	941	941	941
10°	335	326	326	337	352	380	413
20°	36	36	33	31	30	29	31
30°	28	25	25	24	23	24	25
40°	12	11	10	11	12	14	15
50°	1	1	1	1	1	1	1
60°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

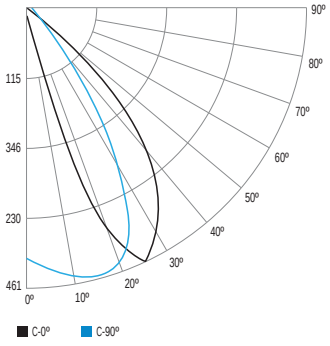
m	Center Beam lx	Beam Ø
1	941	35 cm
2	235	69 cm
3	105	104 cm
4	59	138 cm
5	38	173 cm

35022
15 W Medium
3000 K

60° Beam Angle

Power Input	15
Lumens	115
Efficacy	8 lm/w

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	11	11	11	11	11	11	11
10°	60	49	28	16	15	12	12
20°	444	400	223	51	13	10	12
30°	316	429	294	29	8	8	6
40°	304	314	104	9	5	5	3
50°	97	42	5	2	10	6	2
60°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

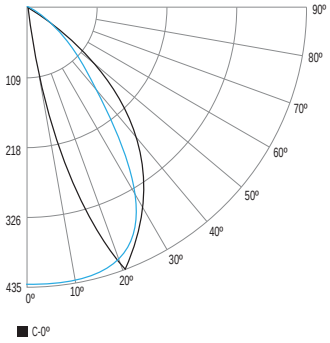
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	461	115 cm
2	115	231 cm
3	51	346 cm
4	29	462 cm
5	18	577 cm

35022
15 W Wide
3000 K
60° Beam Angle

Power Input	15
Lumens	148
Efficacy	10 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	13	13	13	13	13	13	13
10°	127	108	75	45	25	15	12
20°	434	425	284	105	32	13	11
30°	325	375	307	90	17	10	4
40°	232	243	159	36	5	3	2
50°	222	163	39	3	9	3	2
60°	1	1	1	1	1	1	1
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

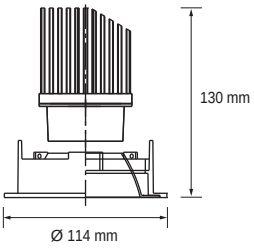
m	Center Beam lx	Beam Ø
1	435	121 cm
2	109	241 cm
3	48	392 cm
4	27	483 cm
5	17	603 cm

The LS15023 is a specification grade fixed downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS15023 Interior Recessed Downlight

SPECIFICATIONS

LED Source	LED 15 W [1] ☐ White (4300 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	■ Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

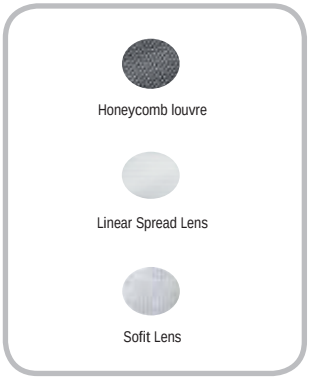


NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

ACCESSORIES



Other accessory stacking options may be available - consult factory

CONFIGURE THIS PRODUCT ›

LS15023LED [ ] [ ] [ ] [1]

LED SOURCE								SUPPLY VOLTAGE	
Wattage	Colour	Code	Beam Angle	Code	Option	Code		Voltage	Code
15 W	White (4300 K typical)	15W4	Spot	S	CRI 80Ra			240 V [1]	1
	Warm white (3000 K typical)	15H3	Medium	M	CRI 90Ra	C9			
			Wide	W	Dimming	DM			

[1] driver supplied

PHOTOMETRICS

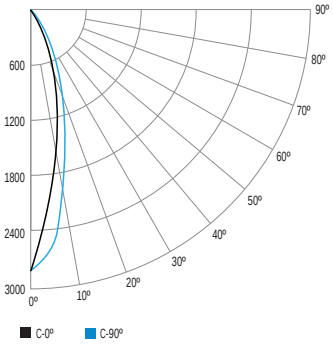
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

15023
15 W Spot
3000 K

26° Beam Angle

Power Input	17.1
Lumens	885
Efficacy	52 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	2828	2828	2828	2828	2828	2828	2828
10°	1504	1533	1573	1632	1711	1807	1916
20°	585	603	630	669	713	762	810
30°	159	155	159	175	206	240	287
40°	32	32	32	33	35	36	37
50°	4	5	5	6	7	9	12
60°	2	2	2	2	2	2	2
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

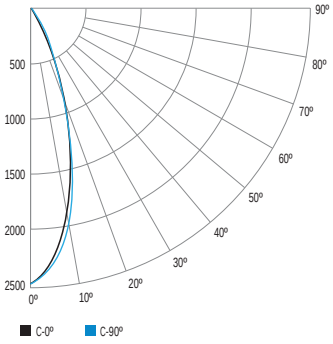
m	Center Beam lx	Beam Ø
1	2924	46 cm
2	731	92 cm
3	325	138 cm
4	183	184 cm
5	117	230 cm

15023
15 W Medium
3000 K

32° Beam Angle

Power Input	17.1
Lumens	891
Efficacy	52 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	2472	2472	2472	2472	2472	2472	2472
10°	1817	1809	1811	1817	1831	1845	1863
20°	710	696	692	700	716	737	765
30°	143	146	157	183	219	251	278
40°	22	23	24	27	28	29	29
50°	7	8	11	10	9	8	8
60°	2	2	2	2	2	2	2
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

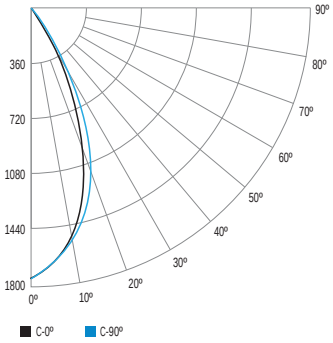
m	Center Beam lx	Beam Ø
1	2472	57 cm
2	618	114 cm
3	275	170 cm
4	155	227 cm
5	99	284 cm

15023
15 W Wide
3000 K

44° Beam Angle

Power Input	17.1
Lumens	905
Efficacy	53 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	1753	1753	1753	1753	1753	1753	1753
10°	1489	1489	1488	1485	1485	1483	1498
20°	830	850	878	908	944	984	1026
30°	217	227	246	278	322	367	408
40°	20	19	20	21	23	24	26
50°	5	5	5	6	6	7	8
60°	2	2	2	2	2	2	2
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

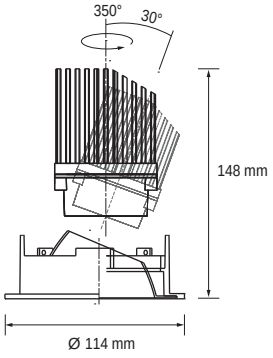
m	Center Beam lx	Beam Ø
1	1753	80 cm
2	438	160 cm
3	195	239 cm
4	110	319 cm
5	70	399 cm

The LS35023 is a specification grade adjustable downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS35023 Interior Recessed Downlight

SPECIFICATIONS

LED Source	LED 10 W [1] ☐ White (4300 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	■ Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

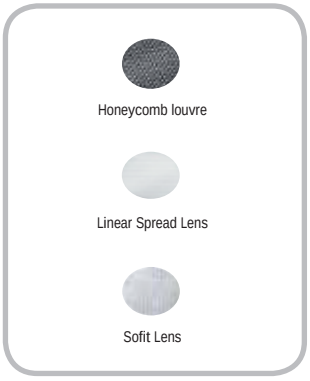


NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

ACCESSORIES



Other accessory stacking options may be available - consult factory

CONFIGURE THIS PRODUCT ›

LS35023LED — [ ] — [ ] — [ ] — 1

LED SOURCE							SUPPLY VOLTAGE	
Wattage	Colour	Code	Beam Angle	Code	Option	Code	Voltage	Code
10 W	White (4300 K typical)	10W4	Spot	S	CRI 80Ra		240 V [1]	1
	Warm white (3000 K typical)	10H3	Medium	M	CRI 90Ra	C9		
			Wide	W	Dimming	DM		

[1] driver supplied

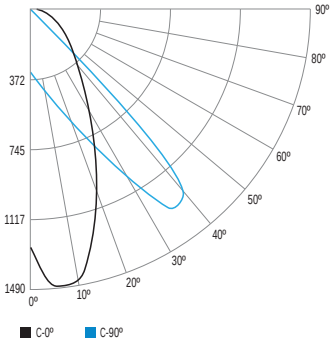
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

35023
10 W Spot
3000 K
23° Beam Angle

Power Input	15
Lumens	365
Efficacy	24 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	272	272	272	272	272	272	272
10°	300	362	410	431	418	393	386
20°	196	274	394	477	538	565	550
30°	53	51	141	290	372	523	792
40°	12	13	23	28	107	409	1060
50°	4	3	2	3	3	12	77
60°	0	0	0	0	0	0	1
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

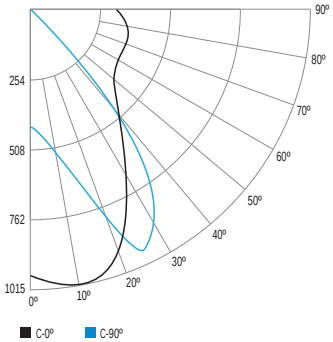
Illuminance at a Distance

m	Center Beam lx	Beam Ø C0	Beam Ø C90
1	1230	61 cm	35 cm
2	308	122 cm	70 cm
3	137	183 cm	105 cm
4	77	244 cm	141 cm
5	49	307 cm	176 cm

35023
10 W Medium
3000 K
40° Beam Angle

Power Input	15
Lumens	426
Efficacy	28 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	420	420	420	420	420	420	420
10°	487	525	542	545	531	509	499
20°	268	327	364	381	454	629	806
30°	39	57	144	248	370	649	881
40°	10	11	9	9	42	227	505
50°	3	1	1	1	1	1	11
60°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

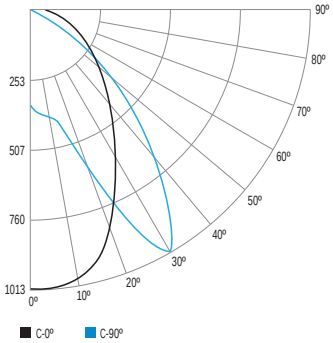
Illuminance at a Distance

m	Center Beam lx	Beam Ø C0	Beam Ø C90
1	1015	44 cm	104 cm
2	254	88 cm	208 cm
3	113	133 cm	312 cm
4	63	177 cm	416 cm
5	41	217 cm	520 cm

35023
10 W Medium
3000 K
44° Beam Angle

Power Input	15
Lumens	417
Efficacy	27 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	326	326	326	326	326	326	326
10°	304	349	391	411	413	495	398
20°	221	292	415	524	557	539	553
30°	84	86	201	342	502	815	1011
40°	15	18	25	153	451	692	685
50°	4	5	6	7	85	298	353
60°	1	1	1	1	1	30	99
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

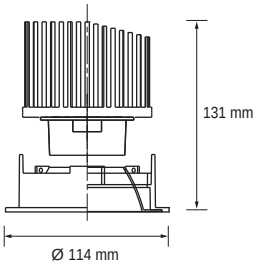
m	Center Beam lx	Beam Ø C0	Beam Ø C90
1	1011	64 cm	125 cm
2	253	99 cm	250 cm
3	112	149 cm	375 cm
4	63	199 cm	500 cm
5	40	249 cm	625 cm

The LS15030 is a specification grade fixed downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS15030 Interior Recessed Downlight

SPECIFICATIONS

LED Source	LED 26 W [1] ☐ White (4300 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	■ Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

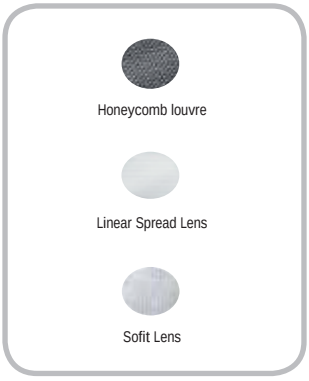


NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

ACCESSORIES



Other accessory stacking options may be available - consult factory

CONFIGURE THIS PRODUCT ›

LS15030LED → [ ] → [ ] → [ ] → **1**

LED SOURCE

Wattage	Colour	Code
26 W	White (4300 K typical)	26W4
	Warm white (3000 K typical)	26H3

Beam Angle	Code
Spot	S
Medium	M
Wide	W

Option	Code
CRI 80Ra	
CRI 90Ra	C9
Dimming	DM

SUPPLY VOLTAGE

Voltage	Code
240 V [1]	1

[1] driver supplied

PHOTOMETRICS

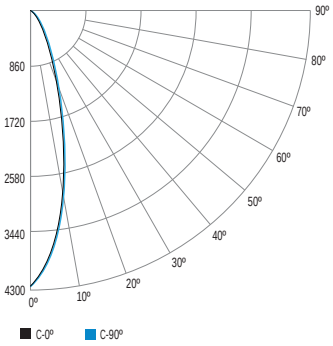
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

15030
26 W Spot
3000 K

25° Beam Angle

Power Input	27.9
Lumens	1298
Efficacy	47 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	4263	4263	4263	4263	4263	4263	4263
10°	2636	2637	2638	2632	2637	2648	2655
20°	1089	1090	1094	1103	1120	1135	1151
30°	396	401	413	425	431	439	452
40°	54	55	58	59	60	62	65
50°	17	20	23	23	22	21	18
60°	3	3	3	3	3	3	3
70°	1	1	1	1	1	1	1
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

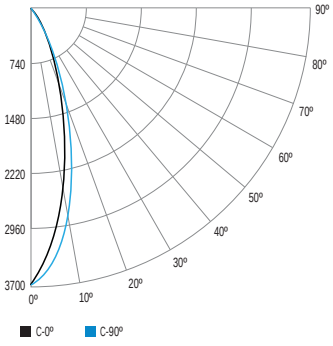
m	Center Beam lx	Beam Ø
1	4263	45 cm
2	1066	89 cm
3	474	134 cm
4	266	179 cm
5	171	224 cm

15030
26 W Medium
3000 K

30° Beam Angle

Power Input	27.7
Lumens	1309
Efficacy	47 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	3686	3686	3686	3686	3686	3686	3686
10°	2345	2357	2398	2466	2555	2649	2751
20°	916	916	931	958	997	1046	1106
30°	301	301	307	321	346	381	421
40°	35	34	34	34	34	33	32
50°	10	10	10	11	12	13	15
60°	3	3	3	3	3	3	3
70°	1	1	1	1	1	1	1
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

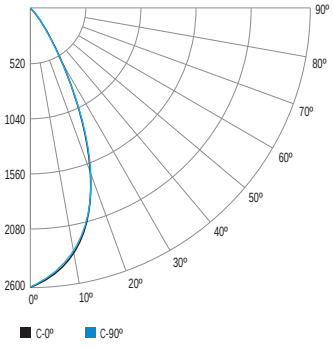
m	Center Beam lx	Beam Ø
1	3686	55 cm
2	922	110 cm
3	410	165 cm
4	230	220 cm
5	147	275 cm

15030
26 W Wide
3000 K

43° Beam Angle

Power Input	27.8
Lumens	1350
Efficacy	48 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	2599	2599	2599	2599	2599	2599	2599
10°	2269	2290	2296	2298	2294	2281	2254
20°	1452	1459	1469	1477	1483	1481	1476
30°	549	551	548	549	551	554	556
40°	39	41	42	41	41	40	39
50°	11	11	11	11	11	11	11
60°	4	4	4	4	4	4	3
70°	1	1	1	1	1	1	1
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

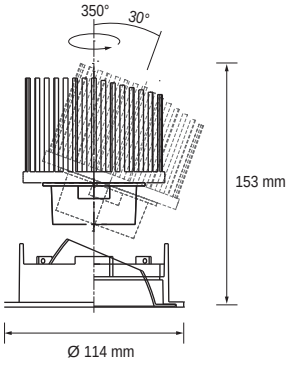
m	Center Beam lx	Beam Ø
1	2599	79 cm
2	650	158 cm
3	289	236 cm
4	162	315 cm
5	104	394 cm

The LS35030 is a specification grade adjustable downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS35030 Interior Recessed Downlight

SPECIFICATIONS

LED Source	LED 15 W [1] or 26 W [1] ☐ White (4300 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	■ Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

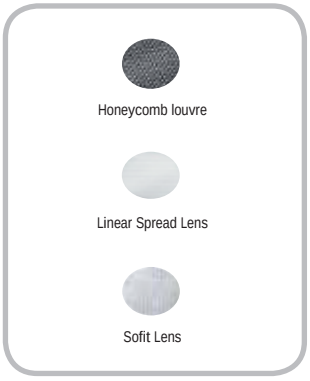


NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

ACCESSORIES



Other accessory stacking options may be available - consult factory

CONFIGURE THIS PRODUCT ›

LS35030LED — [ ] — M — [ ] — 1

LED SOURCE								SUPPLY VOLTAGE	
Wattage	Colour	Code	Beam Angle	Code	Option	Code	Voltage	Code
15 W	White (4300 K typical)	15W4	Medium	M	CRI 80Ra		240 V [1]	1
	Warm white (3000 K typical)	15H3			CRI 90Ra	C9	[1] driver supplied	
26 W	White (4300 K typical)	26W4			Dimming	DM		
	Warm white (3000 K typical)	26H3						

PHOTOMETRICS

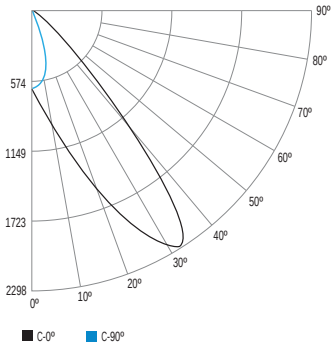
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

35030
15 W Medium
3000 K

24 ° Beam Angle

Power Input	12.9
Lumens	689
Efficacy	53 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	631	631	631	631	631	631	631
10°	960	945	888	804	733	653	553
20°	1633	1543	1098	755	565	406	231
30°	2240	1786	957	482	310	102	44
40°	1207	893	471	154	34	28	16
50°	44	34	22	18	16	3	0
60°	8	7	2	0	0	0	0
70°	0	0	0	0	0	0	0
80°	99	72	11	0	0	0	0
90°	2	2	1	0	0	0	0

Illuminance at a Distance

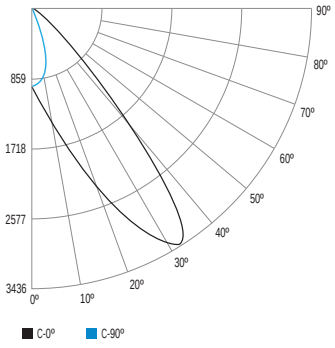
m	Center Beam lx	Beam Ø
1	1011	43 cm
2	253	86 cm
3	112	129 cm
4	63	172 cm
5	40	214 cm

35030
26 W Medium
3000 K

24° Beam Angle

Power Input	26
Lumens	1031
Efficacy	56 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	933	933	933	933	933	933	933
10°	1426	1394	1288	1167	1052	945	800
20°	2447	2218	1544	1075	800	580	316
30°	3358	2441	1274	699	465	158	55
40°	1780	1198	638	225	59	39	22
50°	61	57	42	34	25	6	1
60°	13	13	5	0	0	0	0
70°	0	0	0	0	0	0	0
80°	128	85	10	1	0	0	0
90°	4	3	3	2	0	0	0

Illuminance at a Distance

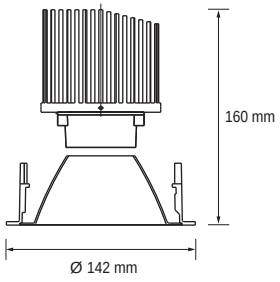
m	Center Beam lx	Beam Ø
1	1459	42 cm
2	365	85 cm
3	162	127 cm
4	91	169 cm
5	58	211 cm

The LS15024 is a specification grade fixed downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS15024 Interior Recessed Downlight

SPECIFICATIONS

LED Source	LED 30 W [1] ☐ White (4300 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	■ Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files



NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

CONFIGURE THIS PRODUCT ›

LS15024LED → [ ] → [ ] → [ ] → **1**

LED SOURCE							SUPPLY VOLTAGE	
Wattage	Colour	Code	Beam Angle	Code	Option	Code	Voltage	Code
30 W	White (4300 K typical)	30W4	Spot	S	CRI 80Ra		240 V [1]	1
	Warm white (3000 K typical)	30H3	Medium	M	CRI 90Ra	C9	[1] driver supplied	
			Wide	W	Dimming	DM		

PHOTOMETRICS

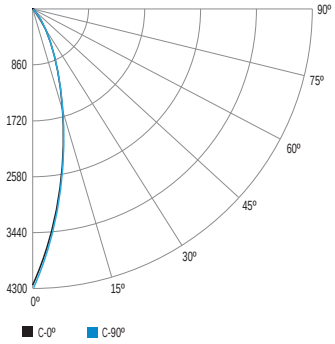
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

15024
30 W Spot
3000 K

27° Beam Angle

Power Input	29.9
Lumens	1461
Efficacy	49 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	4496	4496	4496	4496	4496	4496	4496
10°	2672	2654	2645	2640	2646	2669	2715
20°	1305	1313	1327	1342	1352	1361	1361
30°	528	548	571	582	586	581	564
40°	62	60	61	61	61	62	62
50°	13	14	12	12	10	9	8
60°	1	1	2	2	2	2	2
70°	1	1	1	1	1	1	1
80°	0	1	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

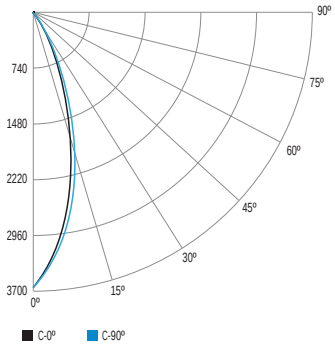
m	Center Beam lx	Beam Ø
1	4496	49 cm
2	1124	97 cm
3	500	146 cm
4	281	194 cm
5	180	243 cm

15024
30 W Medium
3000 K

35° Beam Angle

Power Input	29.9
Lumens	1469
Efficacy	49 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	3654	3654	3654	3654	3654	3654	3654
10°	2675	2642	2628	2641	2674	2718	2672
20°	1316	1323	1340	1365	1398	1436	1469
30°	412	440	472	509	550	591	617
40°	35	37	39	42	48	60	67
50°	7	7	8	9	14	17	21
60°	1	2	2	2	2	2	2
70°	1	1	1	1	1	1	1
80°	0	0	0	0	0	1	1
90°	0	0	0	0	0	0	0

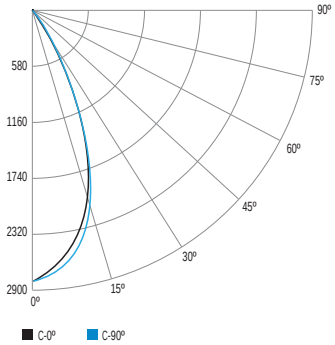
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	3654	62 cm
2	913	125 cm
3	406	187 cm
4	228	249 cm
5	146	311 cm

15024
30 W Wide
3000 K
45° Beam Angle

Power Input	29.9
Lumens	1517
Efficacy	51 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	2813	2813	2813	2813	2813	2813	2813
10°	2426	2462	2504	2542	2570	2582	2575
20°	1692	1701	1706	1711	1715	1713	1706
30°	664	658	648	640	634	630	621
40°	44	45	50	56	57	56	49
50°	11	11	16	23	22	12	8
60°	2	2	2	2	1	1	1
70°	1	1	1	1	1	1	1
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	2813	84 cm
2	703	167 cm
3	313	251 cm
4	176	335 cm
5	113	418 cm

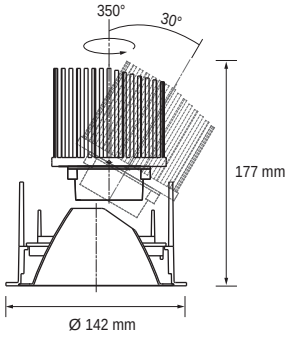
Ø127 mm | IP44 | CE

The LS35024 is a specification grade adjustable downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS35024 Interior Recessed Downlight

SPECIFICATIONS

LED Source	LED 30 W [1] ☐ White (4300 K typical) Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files



NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

CONFIGURE THIS PRODUCT ›

LS35024LED		WW		1
LED SOURCE				**SUPPLY VOLTAGE**
Wattage	**Colour**	**Code**	**Beam Angle**	**Code**	**Option**	**Code**	**Voltage**	**Code**
30 W	White (4300 K typical)	30W4	Wall wash	WW	CRI 80Ra		240 V [1]	1
	Warm white (3000 K typical)	30H3			CRI 90Ra	C9	[1] driver supplied	
					Dimming	DM		

PHOTOMETRICS

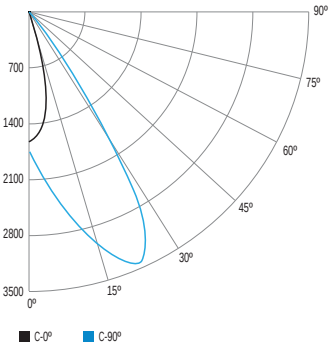
IES data is available at www.lumascape.com.au ▸ Technical Data ▸ Photometric Files.

35024
30 W Wall wash
3000 K

51° Beam Angle

Power Input	31.2
Lumens	1149
Efficacy	37 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	1646	1646	1646	1646	1646	1646	1646
10°	1356	1520	1711	1948	2191	2350	2412
20°	660	829	1020	1361	1989	2768	3260
30°	182	366	623	858	1326	2233	3018
40°	44	67	81	177	362	542	626
50°	10	13	28	32	30	33	31
60°	3	2	2	44	17	3	0
70°	1	1	1	1	0	0	0
80°	1	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	3487	95 cm
2	872	191 cm
3	387	286 cm
4	218	382 cm
5	139	477 cm

Ø127 mm | IP44 | CE

The LS25024 is a specification grade wall wash downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS25024 Interior Recessed Downlight

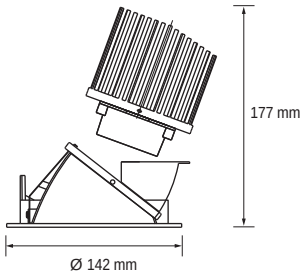
SPECIFICATIONS

LED Source	LED 30 W [1] ☐ White (4000 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	■ Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110



CONFIGURE THIS PRODUCT ›

LS25024LED [ ] [ ] [1]

LED SOURCE

Wattage	Colour	Code
30 W	White (4300 K typical)	30W4
	Warm white (3000 K typical)	30H3

Option	Code
CRI 80Ra	
CRI 90Ra	C9
Dimming	DM

SUPPLY VOLTAGE

Voltage	Code
240 V [1]	1

[1] driver supplied

PHOTOMETRICS

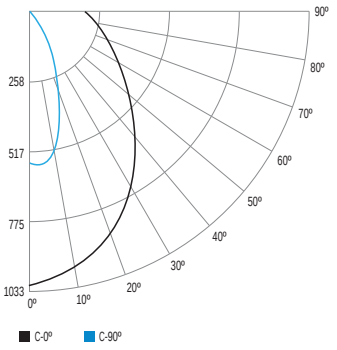
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

25024
30 W Wall wash
3000 K

30° Beam Angle

Power Input	31.1
Lumens	928
Efficacy	30 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	556	556	556	556	556	556	556
10°	556	557	560	560	562	568	573
20°	466	525	589	651	701	746	772
30°	275	348	457	602	767	911	983
40°	132	191	297	461	686	890	976
50°	42	66	114	213	368	506	560
60°	6	12	23	46	80	108	117
70°	1	1	2	3	5	8	9
80°	1	1	1	1	2	2	2
90°	1	0	0	1	1	1	1

Illuminance at a Distance

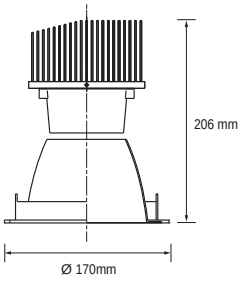
m	Center Beam lx	Beam Ø
1	1033	61 cm
2	258	121 cm
3	115	182 cm
4	65	242 cm
5	41	303 cm

The LS15025 is a specification grade fixed downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS15025 Interior Recessed Downlight

SPECIFICATIONS

LED Source	LED 43 W [1] ☐ White (4000 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	■ Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files



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[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

CONFIGURE THIS PRODUCT ›

LS15025LED [ ] [ ] [ ] **1**

LED SOURCE

Wattage	Colour	Code
43 W	White (4000 K typical)	43W4
	Warm white (3000 K typical)	43H3

Beam Angle	Code
Medium	M
Wide	W

Option	Code
CRI 80Ra	
CRI 90Ra	C9
Dimming	DM

SUPPLY VOLTAGE

Voltage	Code
240 V [1]	1

[1] driver supplied

PHOTOMETRICS

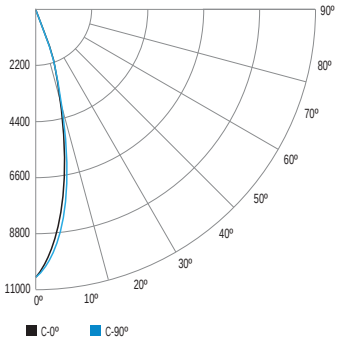
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

15025
43 W Medium
3000 K

25° Beam Angle

Power Input	44
Lumens	2537
Efficacy	58 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	10529	10529	10529	10529	10529	10529	10529
10°	6716	6739	6786	6863	6923	6986	7043
20°	2149	2123	2133	2143	2136	2136	2146
30°	130	129	133	138	146	150	152
40°	61	64	48	51	54	56	57
50°	15	15	15	16	17	18	17
60°	7	7	7	8	8	9	8
70°	4	4	4	4	4	4	4
80°	1	1	1	2	1	2	2
90°	0	0	0	0	0	0	0

Illuminance at a Distance

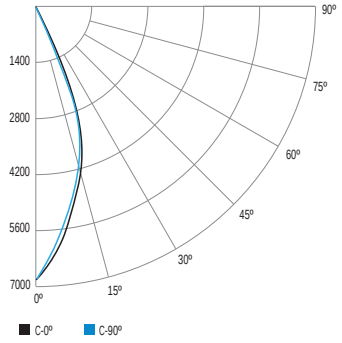
m	Center Beam lx	Beam Ø
1	10529	46 cm
2	2632	92 cm
3	1170	138 cm
4	658	184 cm
5	421	230 cm

15025
43 W Wide
3000 K

40° Beam Angle

Power Input	44
Lumens	2358
Efficacy	53 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	6901	6901	6901	6901	6901	6901	6901
10°	5100	5020	4970	4937	4940	4947	4920
20°	3595	3558	3512	3478	3445	3398	3348
30°	184	174	166	161	162	163	168
40°	67	99	58	58	112	64	55
50°	15	18	15	17	19	18	18
60°	7	10	8	8	8	9	10
70°	2	2	2	3	3	3	4
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

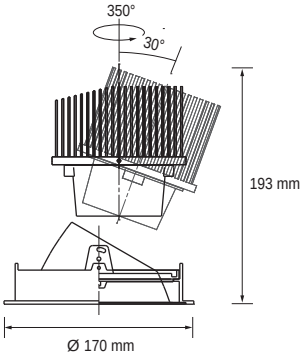
m	Center Beam lx	Beam Ø
1	6901	71 cm
2	1725	142 cm
3	767	214 cm
4	431	285 cm
5	276	356 cm

The LS35025 is a specification grade adjustable downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS35025 Interior Recessed Downlight

SPECIFICATIONS

LED Source	LED 34 W [1], 43 W [1] ☐ White (4000 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	■ Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files



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[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

CONFIGURE THIS PRODUCT ›

LS35025LED → [ ] → [ ] → [ ] → **1**

LED SOURCE

Wattage	Colour	Code
34 W	White (4000 K typical)	34W4
	Warm white (3000 K typical)	34H3
43 W	White (4000 K typical)	43W4
	Warm white (3000 K typical)	43H3

Beam Angle	Code
Medium	M
Wide	W

Option	Code
CRI 80Ra	
CRI 90Ra	C9
Dimming	DM

Voltage	Code
240 V [1]	1

[1] driver supplied

PHOTOMETRICS

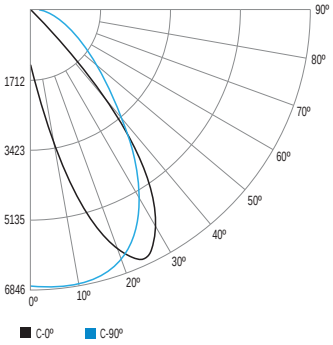
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

35025
34 W Medium
3000 K

75° Beam Angle

Power Input	37
Lumens	1902
Efficacy	51 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	1316	1316	1316	1316	1316	1316	1316
10°	863	1199	1599	2008	2432	2882	3202
20°	150	363	919	1721	3301	5489	6304
30°	45	59	275	955	2075	4572	6223
40°	13	20	35	121	733	1817	3091
50°	11	12	15	24	25	37	63
60°	1	2	2	4	24	44	22
70°	0	0	0	0	1	1	1
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

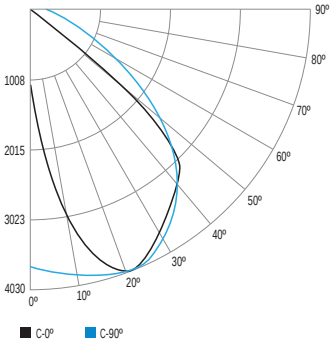
m	Center Beam lx	Beam Ø
1	6846	49 cm
2	1712	99 cm
3	761	148 cm
4	428	197 cm
5	274	247 cm

35025
34 W Wide
3000 K

120° Beam Angle

Power Input	37
Lumens	1963
Efficacy	53 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	1031	1031	1031	1031	1031	1031	1031
10°	1085	1587	2158	2674	2991	3113	3039
20°	416	1226	2587	3643	3875	3718	3991
30°	65	414	1866	3218	3592	3676	3696
40°	26	36	648	2456	3217	3215	3270
50°	15	20	28	265	1488	2212	1792
60°	3	3	8	15	22	48	29
70°	0	0	1	1	1	1	1
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

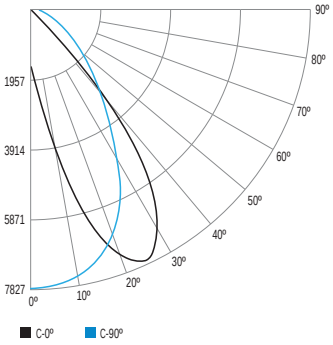
m	Center Beam lx	Beam Ø
1	4030	52 cm
2	1008	104 cm
3	448	156 cm
4	252	208 cm
5	161	260 cm

35025
43 W Medium
3000 K

65° Beam Angle

Power Input	44
Lumens	2154
Efficacy	49 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	1550	1550	1550	1550	1550	1550	1550
10°	945	1354	1825	2312	2813	3329	3699
20°	163	424	1060	1969	3809	6374	7303
30°	48	65	345	1136	2481	5360	7117
40°	16	25	43	141	922	2151	3565
50°	14	16	23	29	29	42	75
60°	2	5	2	6	36	98	25
70°	7	3	1	1	1	1	3
80°	1	1	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

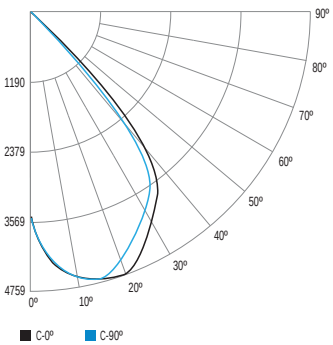
m	Center Beam lx	Beam Ø
1	7827	47 cm
2	1957	94 cm
3	870	141 cm
4	489	188 cm
5	313	235 cm

35025
43 W Wide
3000 K

130° Beam Angle

Power Input	44
Lumens	2294
Efficacy	52 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	3498	3498	3498	3498	3498	3498	3498
10°	3675	4188	4465	4557	4575	4577	4543
20°	2427	3516	4020	4436	4732	4720	4434
30°	714	2093	3356	3898	4036	4042	3909
40°	37	114	1022	2399	3133	3153	2487
50°	15	48	31	35	71	73	35
60°	2	6	68	89	17	13	9
70°	2	8	8	8	4	1	1
80°	3	7	5	4	6	7	0
90°	3	1	3	2	1	1	1

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	4759	46 cm
2	1190	92 cm
3	529	137 cm
4	297	183 cm
5	190	229 cm

The LS25025 is a specification grade adjustable downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS25025 Interior Recessed Downlight

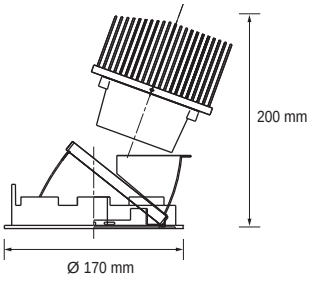
SPECIFICATIONS

LED Source	LED 34 W [1] ☐ White (4000 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	■ Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110



CONFIGURE THIS PRODUCT ›

LS25025LED					1
LED SOURCE				**SUPPLY VOLTAGE**	
Wattage	**Colour**	**Code**	**Option**	**Code**	**Voltage**	**Code**
34 W	White (4000 K typical)	**34W4**	CRI 80Ra		240 V [1]	**1**
	Warm white (3000 K typical)	**34H3**	CRI 90Ra	**C9**	[1] driver supplied	
			Dimming	**DM**		

PHOTOMETRICS

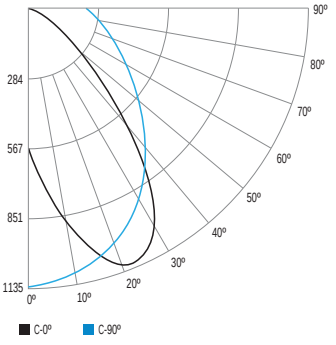
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

25025
34 W Medium
3000 K

90° Beam Angle

Power Input	35.4
Lumens	783
Efficacy	22 lm/W

Polar Candela Distribution

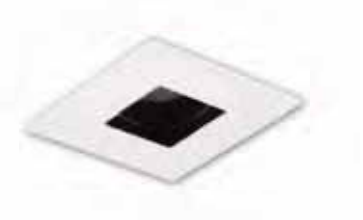


	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	579	579	579	579	579	579	579
10°	488	559	650	714	799	842	870
20°	299	392	517	678	860	1011	1122
30°	178	238	354	500	0681	872	999
40°	83	108	181	270	406	560	670
50°	47	37	78	132	188	245	277
60°	12	7	23	65	96	107	108
70°	5	1	1	21	35	43	46
80°	4	2	1	2	8	12	15
90°	4	3	1	1	1	3	5

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	1134	13 cm
2	284	26 cm
3	126	38 cm
4	71	51 cm
5	45	64 cm

The LS45011 is a fixed square downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.



LS45011 Interior Recessed Downlight

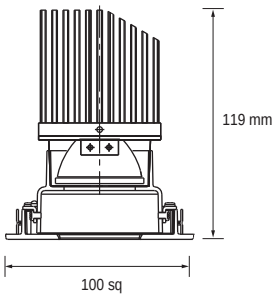
SPECIFICATIONS

LED Source	LED 10 W [1] ☐ White (4300 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	■ Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

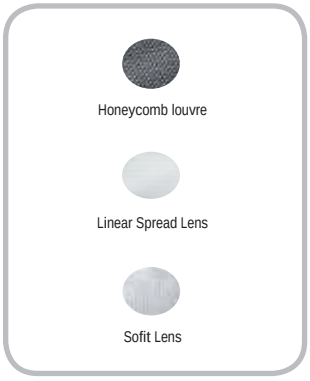
NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110



ACCESSORIES



Other accessory stacking options may be available - consult factory

CONFIGURE THIS PRODUCT ›

LS45011LED [ ] DM 1

LED SOURCE					SUPPLY VOLTAGE	
Wattage	Colour	Code	Option	Code	Voltage	Code
10 W	White (4300 K typical)	10W4	CRI 80Ra		240 V [1]	1
	Warm white (3000 K typical)	10H3	Dimming	DM		

[1] driver supplied

PHOTOMETRICS

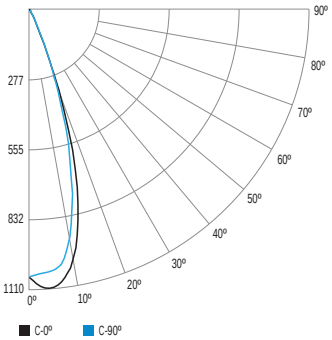
IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

45011
10 W Medium
3000 K

36° Beam Angle

Power Input	9
Lumens	358
Efficacy	42 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	1064	1064	1064	1064	1064	1064	1064
10°	1008	1004	992	984	963	939	922
20°	345	344	367	386	364	314	291
30°	10	11	15	36	14	11	10
40°	2	2	2	5	4	4	4
50°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

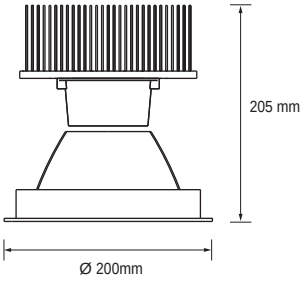
m	Center Beam lx	Beam Ø
1	1101	60 cm
2	275	119 cm
3	122	179 cm
4	69	239 cm
5	44	299 cm

The LS15032 is a specification grade fixed downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS15032 Interior Recessed Downlight

SPECIFICATIONS

LED Source	LED 54 W [1] ☐ White (4000 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	■ Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files



NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

CONFIGURE THIS PRODUCT ›

LS15032LED [ ] [ ] [ ] **1**

LED SOURCE							SUPPLY VOLTAGE	
Wattage	Colour	Code	Beam Angle	Code	Option	Code	Voltage	Code
54 W	White (4000 K typical)	54W4	Medium	M	CRI 80Ra		240 V [1]	1
	Warm white (3000 K typical)	54H3	Wide	W	CRI 90Ra	C9	[1] driver supplied	
					Dimming	DM		

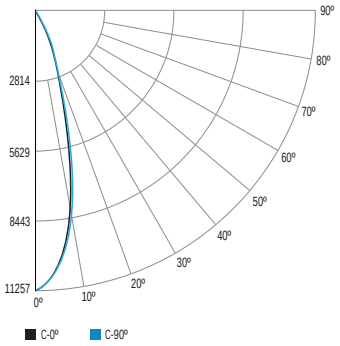
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

15032
54 W Medium
3000 K
28° Beam Angle

Power Input	56
Lumens	3385
Efficacy	61 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	11257	11257	11257	11257	11257	11257	11257
10°	8362	8455	8565	8658	8715	8759	8806
20°	2660	2707	2767	2821	2827	2827	2830
30°	721	746	771	809	854	890	921
40°	40	42	45	61	78	86	87
50°	12	12	12	14	20	32	37
60°	4	4	4	4	4	5	5
70°	2	2	2	2	2	2	2
80°	1	1	1	1	1	1	1
90°	0	0	0	0	0	0	0

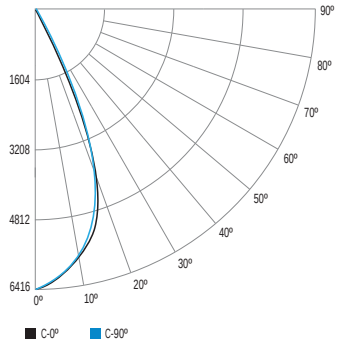
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	11257	50 cm
2	2814	100 cm
3	1251	151 cm
4	704	201 cm
5	450	251 cm

15032
54 W Wide
3000 K
46° Beam Angle

Power Input	56
Lumens	3486
Efficacy	61 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	6415	6415	6415	6415	6415	6415	6415
10°	5657	5669	5689	5691	5671	5660	5656
20°	4038	3925	3821	3754	3728	3735	3782
30°	780	639	545	503	499	530	577
40°	47	47	46	45	44	44	45
50°	13	13	13	12	12	11	11
60°	4	4	4	4	4	4	4
70°	2	2	2	2	2	2	2
80°	1	1	1	1	1	1	1
90°	0	0	0	0	0	0	0

Illuminance at a Distance

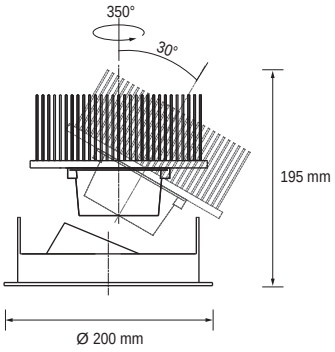
m	Center Beam lx	Beam Ø
1	6415	85 cm
2	1604	170 cm
3	713	255 cm
4	401	340 cm
5	257	424 cm

The LS35032 is a specification grade wall wash downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS35032 Interior Recessed Downlight

SPECIFICATIONS

LED Source	LED 54 W [1] ☐ White (4000 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	■ Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files



NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

CONFIGURE THIS PRODUCT ›

LS35032LED [ ] [ ] [ ] **1**

LED SOURCE							SUPPLY VOLTAGE	
Wattage	Colour	Code	Beam Angle	Code	Option	Code	Voltage	Code
54 W	White (4000 K typical)	54W4	Medium	M	CRI 80Ra		240 V [1]	1
	Warm white (3000 K typical)	54H3	Wide	W	CRI 90Ra	C9	[1] driver supplied	
					Dimming	DM		

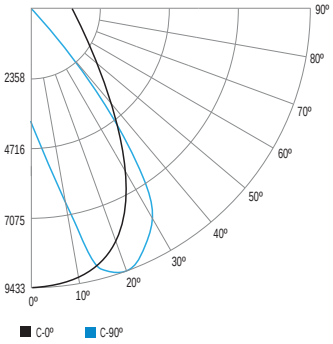
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

35032
54 W Medium
3000 K
90° Beam Angle

Power Input	55.6
Lumens	3294
Efficacy	59 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	3792	3792	3792	3792	3792	3792	3792
10°	2586	3103	3788	4728	5925	6225	6363
20°	1383	1750	2432	4135	7434	9099	9433
30°	744	1222	1651	2464	5128	7794	8412
40°	74	381	833	1331	1956	3013	3519
50°	28	26	30	36	45	54	46
60°	4	3	6	13	9	10	10
70°	1	1	1	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

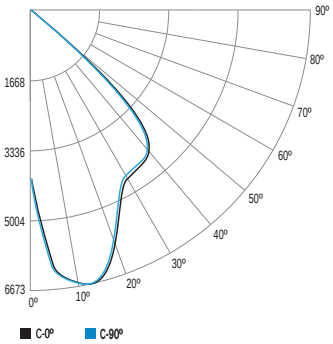
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	9433	100 cm
2	2358	199 cm
3	1048	299 cm
4	590	399 cm
5	377	499 cm

35032
54 W Wide
3000 K
150° Beam Angle

Power Input	55.6
Lumens	3381
Efficacy	61 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	4083	4083	4083	4083	4083	4083	4083
10°	2829	3778	4868	5717	6543	6656	6673
20°	1443	2229	3661	4918	5507	5791	5751
30°	761	1333	2309	4001	4734	4672	4507
40°	49	357	949	1909	3450	4272	4328
50°	20	25	28	47	196	646	862
60°	3	3	7	12	18	27	26
70°	1	1	1	1	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	6673	23 cm
2	1668	45 cm
3	741	68 cm
4	417	90 cm
5	267	113 cm

The LS25032 is a specification grade wall wash downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

SPECIFICATIONS

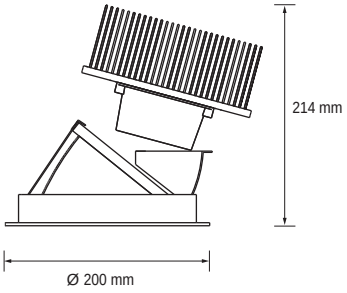
LED Source	LED 54 W [1] ☐ White (4000 K typical) ■ Warm white (3000 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	■ Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files

NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

LS25032 Interior Recessed Downlight



CONFIGURE THIS PRODUCT ›

LS25032LED [ ] [ ] [1]

LED SOURCE					SUPPLY VOLTAGE	
Wattage	Colour	Code	Option	Code	Voltage	Code
54 W	White (4000 K typical)	54W4	CRI 80Ra		240 V [1]	1
	Warm white (3000 K typical)	54H3	CRI 90Ra	C9		
			Dimming	DM		

[1] driver supplied

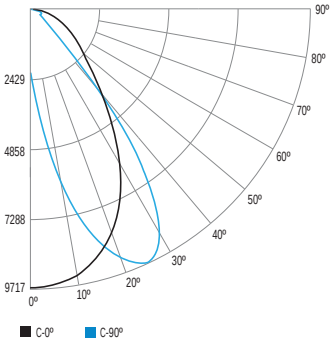
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

25032
54 W Medium
3000 K
72° Beam Angle

Power Input	55
Lumens	3024
Efficacy	51 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	2195	2195	2195	2195	2195	2195	2195
10°	1791	2732	3042	3940	4988	5773	5982
20°	344	1303	2259	4077	7333	9009	9093
30°	66	135	1140	2277	4762	7888	9002
40°	38	47	66	914	1967	3140	3969
50°	12	19	28	39	75	470	805
60°	5	7	11	35	121	314	464
70°	1	3	44	190	269	263	233
80°	0	1	2	4	29	42	43
90°	0	0	0	0	1	1	1

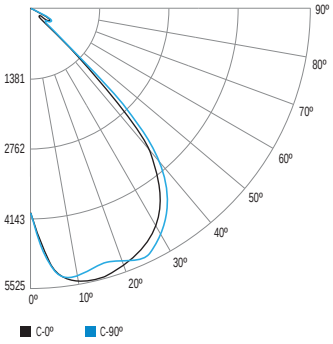
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	9717	49 cm
2	2429	98 cm
3	1080	147 cm
4	607	196 cm
5	389	245 cm

25032
54 W Wide
3000 K
170° Beam Angle

Power Input	55
Lumens	3090
Efficacy	56 lm/W

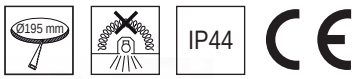
Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	4041	4041	4041	4041	4041	4041	4041
10°	3034	3829	4506	5006	5380	5482	5369
20°	796	2303	3815	4644	4955	5350	5243
30°	49	133	1702	3620	4648	4973	5162
40°	24	69	50	438	2435	3714	4039
50°	9	13	135	70	115	228	403
60°	7	37	150	281	370	445	483
70°	1	2	14	70	104	132	161
80°	1	1	1	1	2	7	13
90°	1	1	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	5525	42 cm
2	1381	84 cm
3	614	126 cm
4	345	168 cm
5	221	210 cm

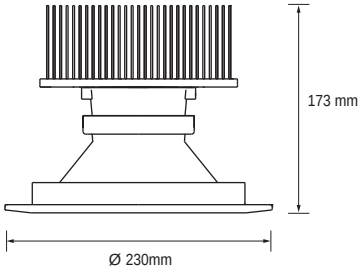


The LS15014 is a specification grade fixed downlight. Manufactured from ultra efficient LED technology this luminaire is designed to maintain a 70% average lumen output at 50,000 hours. Includes Chip On Board LED for precision light distribution and light weight liquid forging heatsink adapted for heat management. Available in various colour temperatures.

LS15014 Interior Recessed Downlight

SPECIFICATIONS

LED Source	LED 54 W [1] ☐ White (4000 K typical) Warm white (3000 K typical) Daylight (5600 K typical) *Other colours by request*
IP Rating	IP44
Construction	Die-cast aluminium
Reflector	Semi Matt
Installation Type	Surface ceiling mount
Standard Inclusions	Remote driver - Triac dimmable as standard 0-10 V dimming option available
Ambient Operating Temperature	-20 °C to +50 °C
Warranty	3 years
Photometrics	Go to www.lumascape.com.au ▸ Technical Data ▸ Photometric Files



NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

[1] Nominal power consumption only, actual power consumed may vary.

WARNING! DO NOT cover downlight - Refer to installation requirements AS 5110

CONFIGURE THIS PRODUCT ›

LS15014LED → [ ] → [ ] → [ ] → **1**

LED SOURCE

Wattage	Colour	Code
54 W	White (4000 K typical)	54W4
	Warm white (3000 K typical)	54H3

Beam Angle	Code
Medium	M
Wide	W

Option	Code
CRI 80Ra	
CRI 90Ra	C9
Dimming	DM

SUPPLY VOLTAGE

Voltage	Code
240 V [1]	1

[1] driver supplied

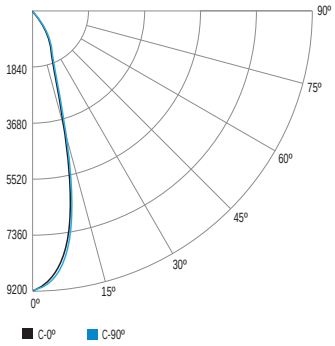
PHOTOMETRICS

IES data is available at www.lumascape.com.au ▸Technical Data ▸ Photometric Files.

15014
54 W Medium
3000 K
29.7° Beam Angle

Power Input	55.4
Lumens	3579
Efficacy	65 lm/W

Polar Candela Distribution



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	9195	9195	9195	9195	9195	9195	9195
10°	7190	7157	7147	7150	7177	7237	7320
20°	2183	2200	2233	2263	2260	2256	2280
30°	1265	1268	1271	1276	1290	1302	1318
40°	450	458	459	462	485	508	523
50°	39	40	40	39	39	39	38
60°	2	2	2	2	2	2	2
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

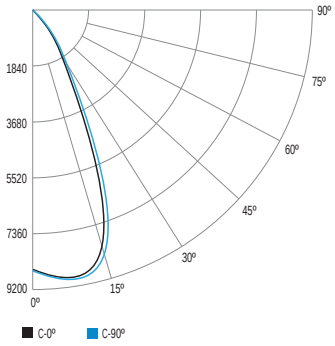
Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	9195	53 cm
2	2299	106 cm
3	1022	159 cm
4	575	212 cm
5	368	265 cm

15014
54 W Wide
3000 K
50.9° Beam Angle

Power Input	55.4
Lumens	3605
Efficacy	65 lm/W

Polar Candela Distribution



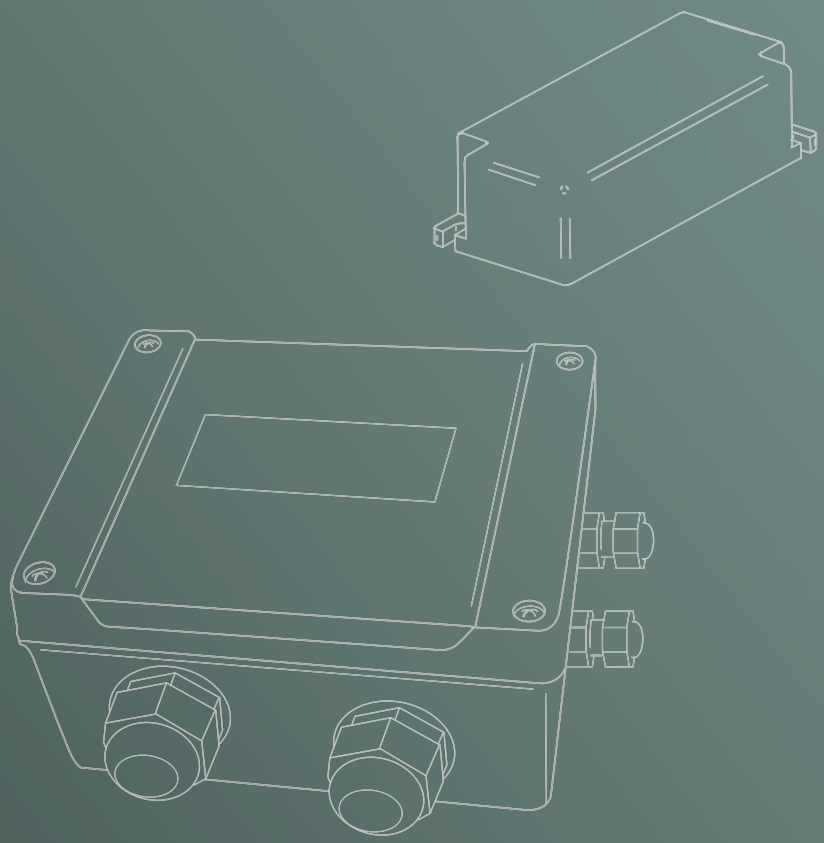
	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
0°	4563	4563	4563	4563	4563	4563	4563
10°	4768	4781	4794	4804	4803	4784	4764
20°	3526	3536	3570	3619	3687	3762	3844
30°	1325	1332	1335	1348	1382	1431	1483
40°	383	385	386	398	433	480	519
50°	18	18	19	20	21	21	21
60°	2	2	2	2	3	3	3
70°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	4807	95 cm
2	1202	190 cm
3	534	286 cm
4	300	380 cm
5	192	476 cm

Pfizer - Korea, Vietnam

Technical Data



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RGB Ready / Mono colour
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LS793LED
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LS553LED Via
Mono colour
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LS563LED Vedi 1 W
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LS563LED Vedi 3 W
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LS9401LED Vedita
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LS782LED Astelia
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Key

Control System Code

Product requires a particular control system for Single colour or RGB dimming.

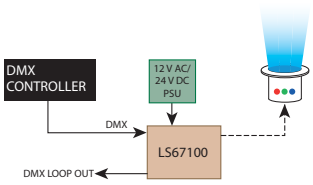
A B C D
E F G H

TYPE A Installation

RGB system requirements

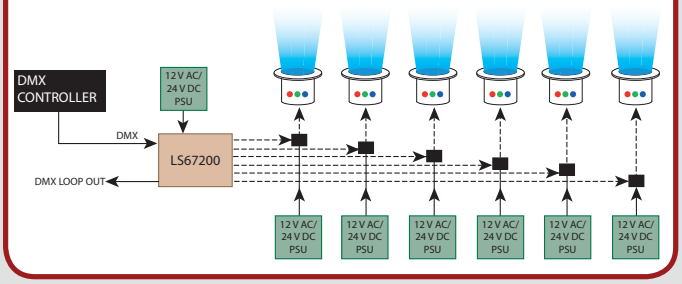
DMX RGB control option 1

- 1 luminaire only
- Luminaire driven by integral LED drivers
- Luminaire powered through LS67100 PWM controller



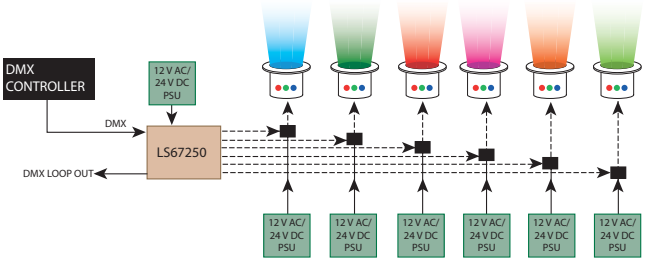
DMX RGB control option 2

- Up to 6 luminaires addressed and controled together
- All luminaires powered by integral LED drivers
- Luminaires powered by individual power supplies



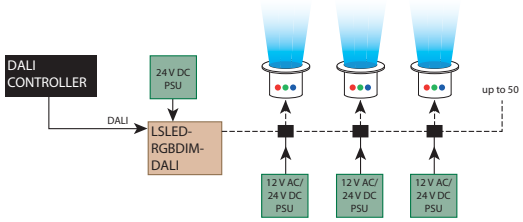
DMX RGB control option 3

- Up to 6 luminaires addressed and controlled individually
- All luminaires powered by integral LED drivers
- Luminaires powered by individual power supplies



DALI RGB control option 4

- Up to 50 luminaires addressed and controlled together
- All luminaires powered by integral LED drivers
- Luminaires powered by individual power supplies

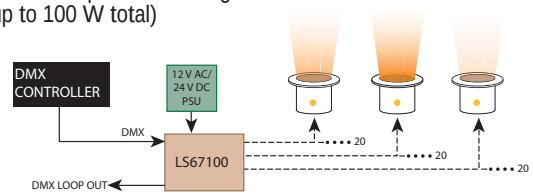


TYPE B Installation

Single Colour system requirements

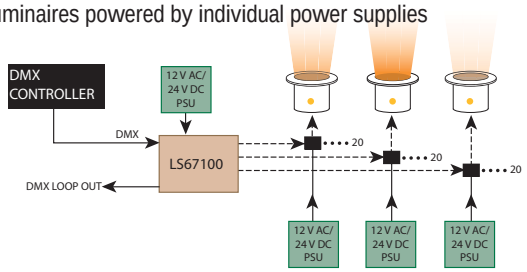
DMX single colour dimming option 1

- Up to 3 individually addressed dimmable channels
- Up to 20 luminaires per dimmable channel
- Luminaires driven by integral LED drivers
- Luminaires powered through LS67100 PWM controller (up to 100 W total)



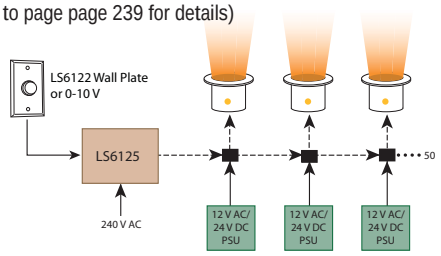
DMX single colour dimming option 2

- Up to 3 individually addressed dimmable channels
- Up to 20 luminaires per dimmable channel
- Luminaires driven by integral LED drivers
- Luminaires powered by individual power supplies



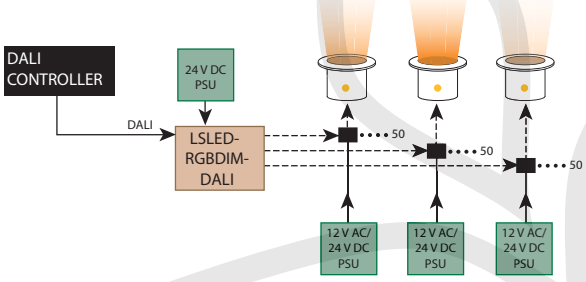
0-10 V single colour dimming option 3

- Stand alone single colour dimming solution
- Up to 50 Luminaires dimmed together
- Luminaires driven by integral LED drivers using LS6122 wall plate dimmer
- Luminaires powered by individual or shared power supplies (refer to page page 239 for details)



DALI single colour dimming option 4

- Up to 3 individually addressed dimmable channels
- Up to 50 luminaires per dimmable channel
- Luminaires driven by integral LED drivers
- Luminaires powered by individual power supplies

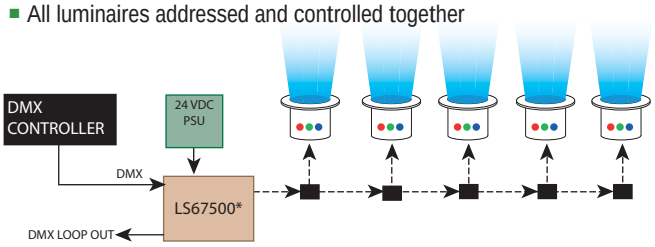


TYPE C Installation

RGB system requirements

DMX RGB control

- All luminaires driven by remote LED driver
- Up to 5 luminaires
- All luminaires addressed and controlled together



* Refer to table for correct LS6750X variant
** Refer to table for maximum luminaire loading for each LS67506 variant

*LS67500 Configurations

LS67501	3 x 350 mA LED channels
LS67502	3 x 500 mA LED channels
LS67503	3 x 700 mA LED channels
LS67504	3 x 1000 mA LED channels
LS67505	350/500/500 mA LED channels
LS67506	350/700/700 mA LED channels
LS67507	700/1000/1000 mA LED channels
LS67508	4 x 350 mA LED channels
LS67509	4 x 500 mA LED channels
LS67510	4 x 700 mA LED channels
LS67511	4 x 1000 mA LED channels

**Maximum Luminaire Loading

Remote Driver Luminaires	Number of LEDs/Luminaires	Luminaire Wattage	Remote Driver	Number of Luminaires/ Driver
LS563LED-RGB	1 x 3	3 W	LS67501	5
LS393LED-RGB	1 x 3	6 W	LS67506	5
LS793LED-RGB	1 x 3	6 W	LS67506	5
LS275LED-RGB	1 x 3	6 W	LS67506	5
LS731LED-RGB	1 x 3	3 W	LS67501	5
LS431LED-RGB	3 x 6	24 W	LS67507	1
LS411LED-RGB	1 x 9	12 W	LS67505	1
LS333ANS-RGB	1 x 3	6 W	LS67560-2	1

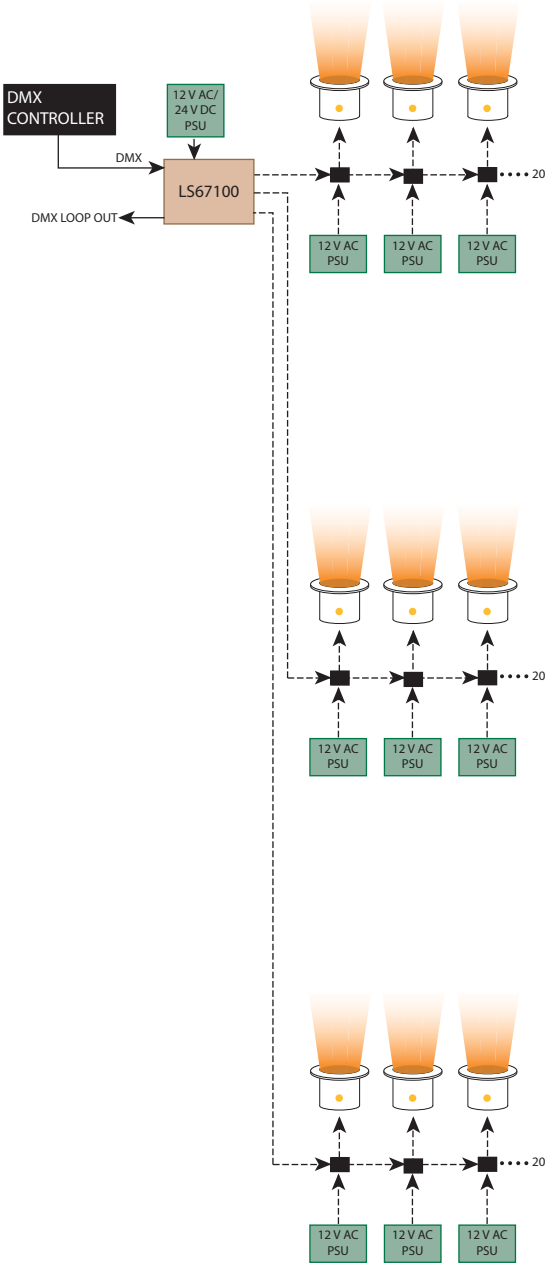
TYPE D Installation

Single Colour system requirements

Suitable for installation into swimming pools in Australia.
Each luminaire is powered by its own individual isolated transformer.

DMX single colour dimming

- Up to 3 individually addressed dimmable channels
- All luminaires powered by integral LED drivers



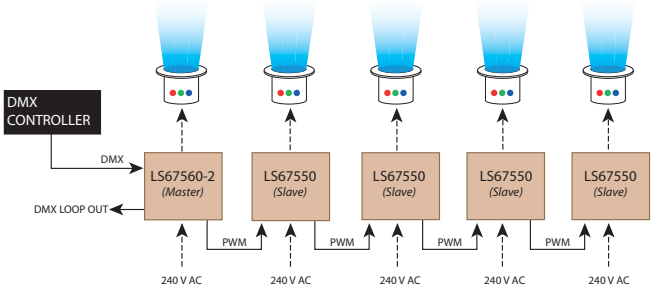
TYPE E Installation

RGB system requirements

Suitable for installation into swimming pools in Australia.
Each luminaire is powered by its own individual isolated transformer.

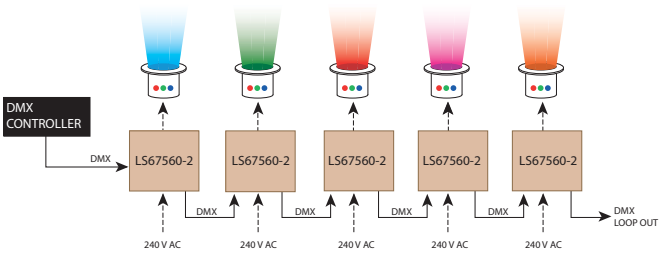
DMX RGB control option 1

- All luminaires addressed and controlled together
- Each luminaire is powered by an isolated remote LED driver
- Up to 32 x LS67560 master on a DMX network
- Up to 6 x LS67550 slave per LS67560 master
- 1 luminaire per LS67550 or LS67560



DMX RGB control option 2

- All luminaires individually addressable and controllable
- Each luminaire is powered by an isolated remote LED driver
- Up to 32 x LS67560 on a DMX network
- 1 luminaire per LS67560

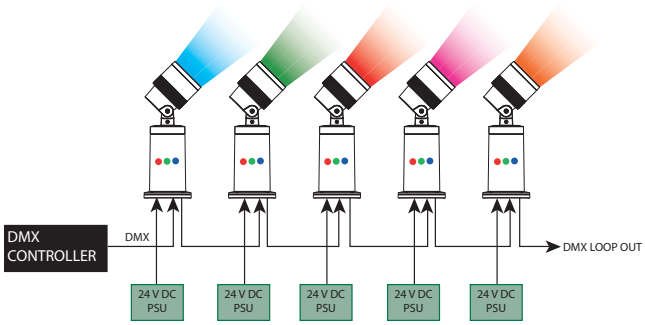


TYPE F Installation

RGB or Single Colour system requirements

DMX RGB control

- All luminaires individually addressable and controllable
- All luminaires powered by integral LED drivers
- Up to 32 luminaires on a DMX network

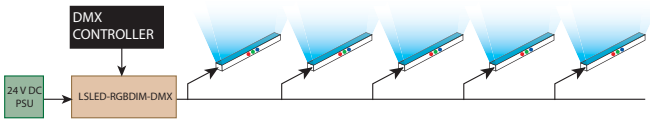


TYPE G Installation

RGB system requirements

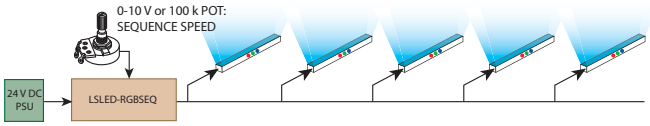
DMX RGB control

- All luminaires addressed and controlled together
- Controls up to 10 m of RGB lineo per LSLED-RGBDIM-DMX



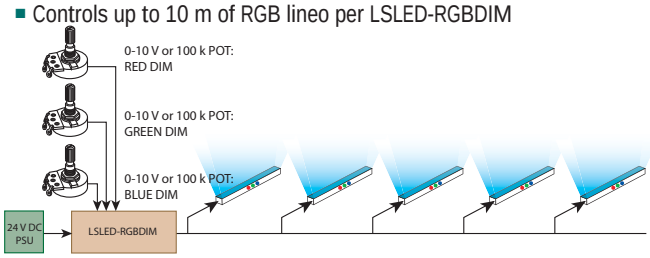
Stand alone RGB sequencer

- Speed controlled by 0-10 V or 100 kΩ potentiometer
- All luminaires controlled together
- Controls up to 10 m of RGB lineo per LSLED-RGBDIM-DMX



Stand alone RGB dimming

- Red, green and blue channels dimmed by 0-10 V or 100 kΩ potentiometers
- All luminaires dimmed together
- Controls up to 10 m of RGB lineo per LSLED-RGBDIM

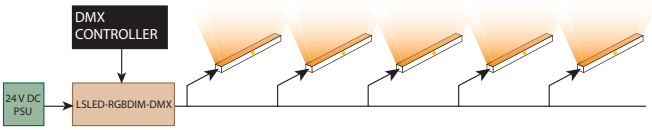


TYPE H Installation

Single Colour system requirements

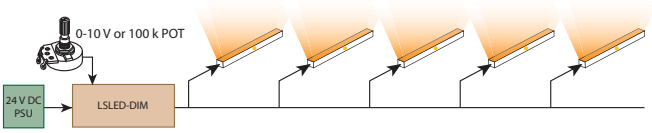
DMX single colour dimming

- Up to 3 individually addressed dimmable channels
- Dims up to 14 m of single colour lineo per LSLED-RGBDIM-DMX per channel



Stand alone single colour dimming

- Dimmed by 0-10 V or 100 kΩ potentiometer
- All luminaires dimmed together
- Dims up to 14 m of single colour lineo per LSLED-DIM



LINEO CALCULATOR

INPORTANT NOTE:

To calculate total length of luminaire:

Power per segment for single colour is 2 W and 2.5 W for RGB.

Total length = number of segments x 200 mm + 25 mm.
e.g. 5 x 200 mm +25 mm = 1025 mm.

To calculate total power requirement:

Each Lineo consists of 200 mm 'segments', each 2 watts.

Total wattage for single colour = number of segments x 2 watts.
e.g 5 x 2 watts = 10 watts.

Total wattage for RGB = number of segments x 2.5 watts.
e.g 5 x 2.5 watts = 12.5 watts.

Power supply capacity must be equal to, or larger than this number.

LS22TX/LS50TX/LS100TX

12 V AC remote magnetic transformer

Input Voltage	240 V AC, 50/60 Hz
Output	12 V AC, 50/60 Hz
Ambient Temperature	Max 40 °C
Compliance	EN 1558-1, EN 61558-2-6, ASA, TUV GS, D, N, FI, S, NFSEU, +S, K, EMC, CE, VDE, IP44/67/67
Wattage	22 W, 50 W, 100 W
Protection Class	II

LSTE4-2/LSTE6-2/LSTE8

12 V AC integral electronic transformer

Input Voltage	220-240 V AC, 50 Hz
Output	12 V AC, 50/60 Hz
Open Circuit Protection	Yes
Thermal Protection	Yes – via internal self-resetting thermal cut-out
Wattage	10-50 W

LS200TX/LS300TX/LS400TX/LS500TX

12 V AC remote magnetic transformer

Input Voltage	240 V AC, 50 Hz
Output	12 V AC, 50/60 Hz
Ambient Temperature	Max 50 °C
Compliance	AS61558.2.6, AS61558.1
Open Circuit Protection	Yes
Power Factor	Approx 0.98 when fully loaded with a resistive load
Thermal Protection	Yes – via internal self-resetting thermal cut-out
Wattage	200 W, 300 W, 400 W, 500 W
IP Rating	IP67
Cable	Input: 1.8 m Output: 0.7 m

Transformer Specifications

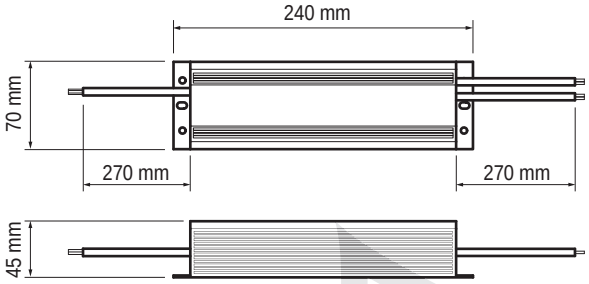
	Length	Width	Height	Weight
LS22TX	86 mm	55 mm	60 mm	0.80 kg
LS50TX	102 mm	65 mm	75 mm	1.45 kg
LS100TX	140 mm	85 mm	70 mm	2.20 kg
LS200TX	Ø175 mm	-	95 mm	5.05 kg
LS300TX	Ø175 mm	-	95 mm	5.70 kg
LS400TX	Ø198 mm	-	110 mm	7.85 kg
LS500TX	Ø198 mm	-	110 mm	8.55 kg

Power Supplies

LS100DC

24 V DC ripple free power supply

Input Voltage	170-250 V AC, 50/60 Hz
Output	100 W, 24 V DC, 4.2A
Ambient Operating Temperature	-10°C to 50 °C
Compliance	IEC61347-2-13, CE
IP Rating	IP66
Short Circuit Protection	Yes
Open Circuit Protection	Yes
Protection Class	Class II CE



LS100DC
24 V DC Power Supply

The charts provided may be used to select appropriate power supply / transformer and cable sizes. Please note: 24 V DC ripple free power supplies are far more efficient than 12 V AC transformers. Simply select the luminaire that you intend to use and the quantity required, and then refer to the charts on the following pages. Round the quantity of luminaires up to the nearest quantity displayed in the charts and then use the recommendations from the charts.

At the head of each column is a power supply / transformer and there are sections for each cable size. The charts are intended as a guide and do not cover all possible applications. If the number of luminaires is larger than any displayed on the charts, simply add a second run and power supply.

LS553LED, LS563LED (1 W)
Power Supply/ Transformer & Maximum Cable Runs

1 W Luminaire	24 V DC Power Supply			12 V AC Magnetic Transformer								
Wattage (Part Number)	100 W (LS100DC)			100 VA (LS100TX)			50 VA (LS50TX)			22VA (LS22TX)		
Lumascape Cable	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10
Cable size	3.3 mm²	6 mm²	10 mm²	3.3 mm²	6 mm²	10 mm²	3.3 mm²	6 mm²	10 mm²	3.3 mm²	6 mm²	10 mm²
No. of luminaires 100 metre run	45	•	•	12	20	•	8	•	•	4	6	•
No. of luminaires 75 metre run	45	•	•	16	20	24	10	•	16	6	•	8
No. of luminaires 50 metre run	45	•	•	20	24	28	12	16	•	6	8	•
No. of luminaires 25 metre run	45	•	•	28	•	•	16	•	•	8	•	•

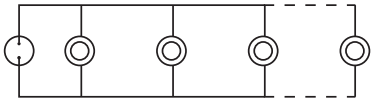
• means the maximum number of luminaires can be accommodated on smaller cables.

LS940LED Series, LS371LED
Power Supply/ Transformer & Maximum Cable Runs

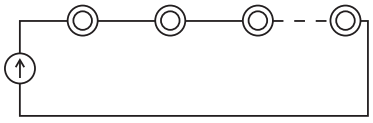
2 W Luminaire	24 V DC Power Supply			12 V AC Magnetic Transformer								
Wattage (Part Number)	100 W (LS100DC)			100 VA (LS100TX)			50 VA (LS50TX)			22VA (LS22TX)		
Lumascape Cable	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10
Cable size	3.3 mm²	6 mm²	10 mm²	3.3 mm²	6 mm²	10 mm²	3.3 mm²	6 mm²	10 mm²	3.3 mm²	6 mm²	10 mm²
No. of luminaires 100 metre run	26	•	•	6	10	•	4	•	•	2	3	•
No. of luminaires 75 metre run	26	•	•	8	10	12	5	•	8	3	•	4
No. of luminaires 50 metre run	26	•	•	10	12	14	6	8	•	3	4	•
No. of luminaires 25 metre run	26	•	•	14	•	•	8	•	•	4	•	•

• means the maximum number of luminaires can be accommodated on smaller cables.
NOTE: 24 V DC power supplies are far more efficient than AC transformers.

Parallel wiring
For 24 V DC or 12 V AC remote power supply



Series wiring
For 350 mA remote constant current driver



Other power supplies available.
Contact factory for details.

LS454LED, LS563LED (3 W), LS731LED, LS751LED, LS151LED
Power Supply/ Transformer & Maximum Cable Runs

3 W Luminaire	24 V DC Power Supply			12 V AC Magnetic Transformer					
Wattage (Part Number)	100 W (LS100DC)			100 VA (LS100TX)			50 VA (LS50TX)		
Lumascape Cable	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10
Cable size	3.3 mm²	6 mm²	10 mm²	3.3 mm²	6 mm²	10 mm²	3.3 mm²	6 mm²	10 mm²
No. of luminaires 100 metre run	18	•	•	0	0	2	0	0	2
No. of luminaires 75 metre run	18	•	•	0	2	2	0	2	2
No. of luminaires 50 metre run	18	•	•	2	2	4	2	2	4
No. of luminaires 25 metre run	18	•	•	3	5	9	3	5	9

• means the maximum number of luminaires can be accommodated on smaller cables.

LS192LED, LS201LED, LS321LED, LS782LED, LS793LED, LS393LED, LS741LED, LS751-2LED, LS275LED, LS333ANS-2LED
Power Supply/ Transformer & Maximum Cable Runs

6 W Luminaire	24 V DC Power Supply			12 V AC Magnetic Transformer					
Wattage (Part Number)	100 W (LS100DC)			100 VA (LS100TX)			50 VA (LS50TX)		
Lumascape Cable	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10
Cable size	3.3 mm²	6 mm²	10 mm²	3.3 mm²	6 mm²	10 mm²	3.3 mm²	6 mm²	10 mm²
No. of luminaires 100 metre run	10	•	•	0	0	1	0	0	1
No. of luminaires 75 metre run	10	•	•	0	1	•	0	1	•
No. of luminaires 50 metre run	10	•	•	1	•	2	1	•	2
No. of luminaires 25 metre run	10	•	•	2	3	5	2	3	5

• means the maximum number of luminaires can be accommodated on smaller cables.

LS121LED, LS192-2LED, LS321-2LED
Power Supply/ Transformer & Maximum Cable Runs

12 W Luminaire	24 V DC Power Supply			12 V AC Magnetic Transformer					
Wattage (Part Number)	100 W (LS100DC)			100 VA (LS100TX)			50 VA (LS50TX)		
Lumascape Cable	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10
Cable size	3.3 mm²	6 mm²	10 mm²	3.3 mm²	6 mm²	10 mm²	3.3 mm²	6 mm²	10 mm²
No. of luminaires 100 metre run	5	•	•	0	•	•	0	•	•
No. of luminaires 75 metre run	5	•	•	0	•	•	0	•	•
No. of luminaires 50 metre run	5	•	•	0	•	•	0	•	•
No. of luminaires 25 metre run	5	•	•	1	•	•	1	•	•

• means the maximum number of luminaires can be accommodated on smaller cables.
NOTE: 24 V DC power supplies are far more efficient than AC transformers.

SPECIFICATIONS

Input Voltage	12 V AC or 12-24 V DC
Output Current Options	350 mA, 700 mA
Wattage	Up to 6 W
Channels	One
Vf of LEDs	Up to 12 V
Efficiency	90% max

FEATURES

- Inbuilt EMI filter
- External dimming controls:
  - PWM control signal
    - Frequency: 100-1000 Hz
    - Current: 2 mA max
    - Invert the dimming cycle by inverting the signal cable inputs.
    - Max signal voltage: 24 V DC
  - 0-10 V Analogue Control Signal:
    - Current Sinking type (Compatible with current sourcing dimmer type)
    - Current: 2 mA max
    - Invert the dimming cycle by inverting the signal cable inputs.
    - Max signal voltage: 24 V DC
- Internal Dimming Controls
  - Dimming by cycling power on/off (refer instruction manual supplied with Lumascape fittings with T5 series drivers).
- Protections
  - Open circuit and short circuit protection
  - Thermal protection for driver (max case temperature 80 °C)
  - Thermal protection for LED array (105 °C on the LED array)
  - Auto restart after cool down -20 °C typically (temperature hysteresis)
- Other Features
  - Configurable to be backwards compatible to Lumascape older generation T4 driver series.
  - Factory re-settable.

DESCRIPTION

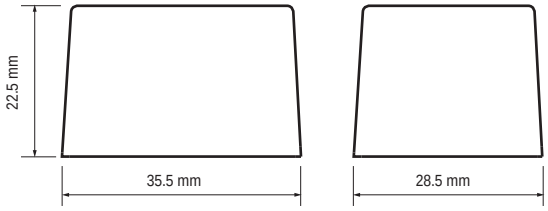
The T5 series is a step-down constant current source designed for driving high power LEDs. Standard output currents available are 350 mA and 700 mA to make this driver compatible with a wide range of LED applications.

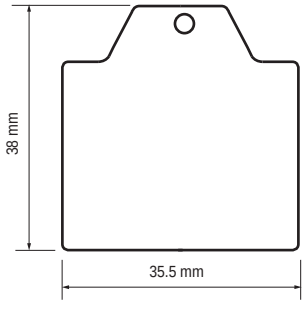
With so many different low voltage LED components available in the market, it is often a real challenge to piece together luminaires with compatible drivers and controllers, and more challenging again to ensure the system is correctly wired. Using remote drivers often means the LEDs have no protection from incorrect wiring or voltage, short circuit or over temperature conditions. For several years Lumascape has included integral, low voltage drivers in its compact LED luminaires to overcome these issues. The release of the T5 driver series offers a compact, integral driver for low voltage LED luminaires that solves these problems, and now includes some amazing new features.

Lumascape T5 series LED drivers offer exceptional control and protection to the LEDs they power, and form a core part Lumascape LED engineering philosophy. At the heart of this philosophy are the concepts of simplicity and durability: Ease of installation and correct connection and a long and trouble free life of the system is all in keeping with performance expectations of LED systems, yet rarely are these expectations met. The T5 series of LED drivers goes beyond simplicity and durability to also deliver exceptional control and LED protection features that rarely exist.

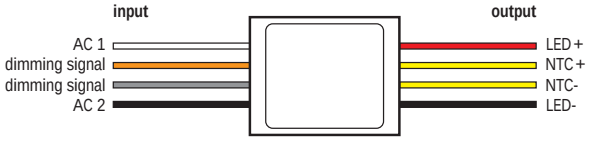
Being so compact, the T5 drivers fit inside any luminaire. It provides protection to the LEDs by sensing operating temperatures on the LED board and in the driver itself, shutting down the power to the LEDs if a high temperature condition is detected and auto-restarting when it is safe to do so. The T5 driver series also has the ability to dim via analog (0-10 V) and digital signals (PWM). Regardless of the control signal, the LEDs are dimmed on a 14-bit PWM resolution, providing exceptional control and the capability to 'fade to black' with no color shift.

Dimensions





Wiring Diagram



Dimming Signal Wiring Configuration

	Dimming Signal Source		
Dimming Signal Wire Colours	0-10 V signal source controller	Lumascape proprietary PWM controllers	Third party PWM controllers
orange	signal positive	signal positive	signal negative
grey	signal negative	signal negative	signal positive

Note:

The driver cannot be dimmed with internal dim mode if it is being dimmed by an external dimming signal.

To re-enable internal dimming the external signal should first be physically disconnected and then reverted to factory setting.

With external dimming control, to achieve inverted control of the dimming cycle, the signal input connections need to be reversed.

LS6095

Remote constant current driver

Input Voltage	100-240 V AC, 50/60 Hz
Power Factor	PF 0.9 at 100% load
Output	350 mA, 18-36 V DC (7 to 10 individual LEDs)
Ambient Operating Temperature	-30 °C to 70 °C
Compliance	UL1310, Class 2 UL879 recognised CE certified
IP Rating	IP65
Short Circuit Protection	Yes
Open circuit protection	Yes
Protection class	Class II

LS6127

Remote constant current driver

Input Voltage	100-240 V AC, 50/60 Hz
Power Factor	PF 0.9 at 100% load
Output	550 mA, 18-36 V DC (7 to 10 individual LEDs)
Ambient Operating Temperature	-30 °C to 70 °C
Compliance	UL1310, Class 2 UL879 recognised CE certified
IP Rating	IP65
Short Circuit Protection	Yes
Open circuit protection	Yes
Protection class	Class II

LS6097

Remote constant current driver

Input Voltage	100-240 V AC, 50/60 Hz
Power Factor	PF 0.9 at 100% load
Output	1000 mA, 18-36 V DC (1x LS431)
Ambient Operating Temperature	-30 °C to 70 °C
Compliance	UL1310, Class 2 UL879 recognised CE certified
IP Rating	IP65
Short Circuit Protection	Yes
Open Circuit Protection	Yes
Protection Class	Class II

LS6750X

Remote RGB LED driver (Type C installation page 236) for DMX settings page 247

Input Voltage	24 V DC ripple free supply (suggest LS100DC)
Input Control	DMX512
Channels	up to 4
Ambient Operating Temperature	-30 °C to 50 °C
Open Circuit Protection	Yes
Compliance	DMX512 compliant
IP Rating	IP65
Number of Luminaires	Refer to installation types in LED Controls Systems Index (page 234)
Protection Class	Class III

Features:

1. Pre-programmed RGB sequence for stand alone operation.
2. Pre-programmed colours for stand alone operation.

LS67550

Remote RGB LED driver (Type E installation page 237) for DMX settings page 247

Input Voltage	240 V AC
Input Control	PWM
Output	Constant current 350 mA for LEDs
Channels	up to 3
Ambient Operating Temperature	-30 °C to 50 °C
Open Circuit Protection	Yes
IP Rating	IP65
Number of Luminaires	Refer to installation types in LED Controls Systems Index (page 234)
Protection Class	Class II

Features:

1. Can be used as a slave unit to the LS67560. *(refer to Type E installation option 1)*

LS67560-2

Remote RGB LED driver (Type E installation page 237) for DMX settings page 247

Input Voltage	240 V AC
Input Control	DMX512
Output	Constant current 350 mA for LEDs Constant voltage 12 V PWM signal at 200 Hz *(can feed up to 6 LS67550 slave units)*
Channels	up to 3
Ambient Operating Temperature	-30 °C to 50 °C
Open Circuit Protection	Yes
Compliance	DMX512 compliant
IP Rating	IP65
Number of Luminaires	Refer to installation types in LED Controls Systems Index (page 234)
Protection Class	Class II

Features:

1. Pre-programmed RGB sequence for stand alone operation.
2. Pre-programmed colours for stand alone operation.

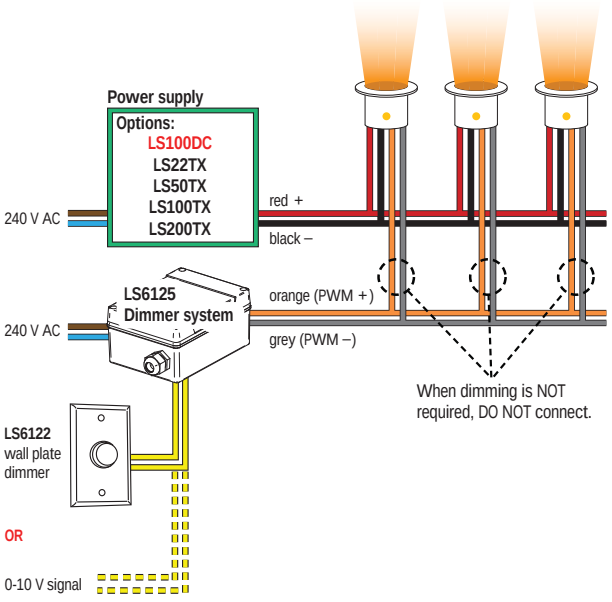
LS6125 Dimmer System - can dim up to 50 luminaires

(refer to Type B installation option 3 page 235)

Enclosed c/w power supply

Input Voltage	100-240 V AC, 50/60 Hz
Input Signal	0-10 V
Output Signal	PWM

NOTE: 4 wire circuit for luminaires required 2 for supply, 2 for dimming signal.



LS6122 Wall Plate Dimmer

Input Signal	From LS6121 dimmer module

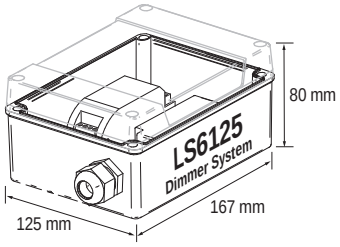
NOTE: 2 wire circuit required from LS6121

LS6121 Dimmer Adaptor only - can dim up to 50 luminaires

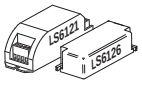
Input Voltage	12 V DC
Input Signal	0-10 V
Output Signal	PWM

NOTE: 4 wire circuit for luminaires required 2 for supply, 2 for dimming signal. *(LS6126 power supply required)*

LS6125 Dimmer Adaptor



Note: Internal components of **LS6125** Dimmer Adaptor are available individually as:
LS6121; 0-10 V Dimmer Adaptor
LS6126; 12 V DC PSU



LS6126 12 V DC Power Supply only

Input Voltage	90-264 V AC
Output Voltage	12 V DC

NOTE: For use with a dimming adaptor only

LSLED-RGBDIM-DMX

(refer to Type G and H installations page 238)

Input Voltage	24 V DC
Input Control	DMX512
Channels	3
Output	24 V DC, 3 x 48 W (144 W RGB)
Ambient Operating Temperature	-20 °C to 50 °C
Compliance	IEC 61347, EN 55015, EN 61547
IP Rating	IP20

Features:
1. Lightweight, low profile.
2. PWM dimming.

LSLED-RGBDIM-DALI

(refer to Type G and H installations page 238)

Input Voltage	12-24 V DC
Input Control	DALI
Channels	3
Output	24 V DC, 75 W
Ambient Operating Temperature	-20° C to 50 °C
Compliance	0.82
IP Rating	IP65

Features:
1. Lightweight, low profile.
2. PWM dimming.

LSLED-RGBSEQ

(refer to Type G installation page 238)

Input Voltage	24 V DC
Control Voltage	0-10 V DC
Output	24 V DC, 144 W (3 x 48 W)
Ambient Operating Temperature	-20 °C to 50 °C
Short Circuit Protection	Yes – via internal self-resetting thermal cut-out
Open Circuit Protection	Yes
Compliance	IEC 61347-2-2, EN 55015, EN 61547
Thermal Protection	Yes
Channels	3

Features:
1. Lightweight, low profile.
2. PWM dimming.
3. Controlled by 0-10 V or 100 kΩ linear potentiometers.

LSLED-RGBDIM

(refer to Type G installation page 238)

Input Voltage	24 V DC
Control Voltage	0-10 V DC
Output	24 V DC, 144 W (3 x 48 W)
Ambient Operating Temperature	-20 °C to 50 °C
Short Circuit Protection	Yes – via internal self-resetting thermal cut-out
Open Circuit Protection	Yes
Compliance	IEC 61347-2-2, EN 55015, EN 61547
Thermal Protection	Yes – in combination with power supply
Channels	3

Features:
1. Lightweight, low profile.
2. PWM dimming.
3. Controlled by 0-10 V or 100 kΩ linear potentiometers.

LSLED-DIM

(refer to Type H installation page 238)

Input Voltage	24 V DC
Control Voltage	0-10 V DC
Output	24 V DC, 144 W (3 x 48 W)
Ambient Operating Temperature	-20 °C to 50 °C
Short Circuit Protection	Yes – in combination with power supply
Open Circuit Protection	Yes
Compliance	IEC 61347-2-2, EN 55015, EN 61547
Thermal Protection	Yes –via internal self-resetting thermal cut-out
Channels	1

Features:
1. Lightweight, low profile.
2. PWM dimming.
3. Controlled by 0-10 V or 100 kΩ linear potentiometers.

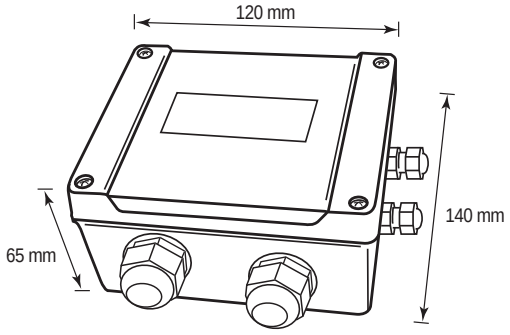
LS67100

4 Channel DMX PWM RGB luminaire controller
(refer to Type A, B installations page 235 and Type D installation page 236)

Input Voltage	24 V DC or 12 V AC, 50/60 Hz
Input Control	DMX 512 (optically isolated)
Output	24 V DC PWM-200 Hz
Channels	4
Ambient Operating Temperature	-30 °C to 50 °C
Open Circuit Protection	Yes
Compliance	DMX 512
IP Rating	IP65
Number of Luminaires	Refer to installation types in LED Controls Systems Index (page 234)

Features:

1. Receives DMX512 and converts to PWM for controlling LED luminaires.
2. Optically isolated DMX512 input.
3. Integral optically isolated DMX512 splitter/booster.
4. Five pre-programmed sequences for stand alone operation.
5. Six pre-programmed fixed colours for stand alone operation.



LS67100
4 Channel DMX PWM RGB luminaire controller

LS6502

DMX Playback device

Input Voltage	9 V DC
Current Rating	100 mA
Compliance	DMX-512
Number of Shows	12 (requires LS6503 to alternate between shows)
No. of Scenes per Show	65,535

Features:

1. Programming software CD included.
2. LCD display provides status information on current show and fade position. Requires Windows 95/98/ME/NT/2000/XP.

LS6507 - DMX512/DALI

Luminaire controller and playback device.
(refer to Type C installation page 236)

Input Voltage	12 V DC
Output	DMX512/DALI
Current Rating	245 mA at 21.5 V DC
Wireless Connectivity	Infrared receiver input
Open Circuit Protection	Yes
Compliance	DMX-512, DALI and DSI
Number of Shows	1
LED Indicators	DC input and SCI RS232
Installation	DIN rail mounting

Features:

1. The LS6507 Series 7 standard DIN mount, with removable terminals for easy wiring, RS-232 interface for serial communications between 3rd party systems and the DALI line, 24 V DC input, high capacity DALI power supply.
2. Infrared programming and remote control included.

LS67200

3 Channel DMX PWM RGB luminaire controller
(refer to Type A installation page 235)

Input Voltage	24 V DC or 12 V AC, 50/60 Hz
Input Control	DMX 512 (optically isolated)
Output	24 V DC PWM-200 Hz
Channels	3
Ambient Operating Temperature	-30 °C to 50 °C
Open Circuit Protection	Yes
Compliance	DMX 512
IP Rating	IP65
Number of Luminaires	Refer to installation types in LED Controls Systems Index (page 234)

Features:

1. Receives DMX512 and converts to PWM for controlling LED luminaires.
2. Optically isolated DMX512 input.
3. Integral optically isolated DMX512 booster.
4. Five pre-programmed sequences for stand alone operation.
5. Six pre-programmed fixed colours for stand alone operation.
6. Integral six output distribution board.

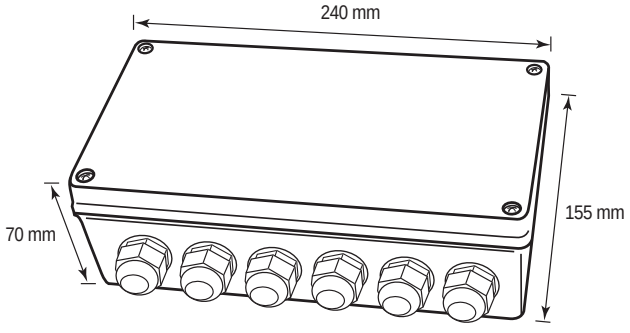
LS67250

18 Channel DMX PWM RGB luminaire controller
(refer to Type A installation page 235)

Input Voltage	24 V DC or 12 V AC, 50/60 Hz
Input Control	DMX 512 (optically isolated)
Output	24 V DC PWM-200 Hz
Channels	18
Ambient Operating Temperature	-30 °C to 50 °C
Open Circuit Protection	Yes
Compliance	DMX 512
IP Rating	IP65
Number of Luminaires	Refer to installation types in LED Controls Systems Index (page 234)

Features:

1. Receives DMX512 and converts to PWM for controlling LED luminaires.
2. Optically isolated DMX512 input.
3. Integral optically isolated DMX512 booster.
4. Five pre-programmed sequences for stand alone operation.
5. Six pre-programmed fixed colours for stand alone operation.
6. Integral six output distribution board.



LS67200 / LS67250
3 or 18 Channel DMX PWM RGB luminaire controller

LS67560 Automatic Sequences

The rotating switches need X100, X10 and X1 need to be configured to get the pre-programmed automatic sequences.

Rotary Switch			Sequence
X100	X10	X1	
7	1	Note 1	1 (rainbow)
7	2	Note 1	2 (blue-cyan oscillate)
7	3	Note 1	3 (yellow wobble)
7	4	Note 1	4 (red white green fade)
7	5	Note 1	5 (rainbow-S) - 18 channels on LS67250

Note 1: please see Sequence Speed Selection table for setting X1

LS67560 Sequence Speed Selection

There are 10 speeds for each sequence set by the third switch. The third switch will set the length of time taken to run the whole sequence. For example, the 10 speeds for sequence 1 are as follows:

X1	Speed
0	Pause
1	1 hr
2	30 minutes
3	10 minutes
4	5 minutes
5	2 minutes
6	40 seconds
7	30 seconds
8	20 seconds
9	10 seconds

LS6750X

DMX Addressing and stand alone colours and sequences
(refer to page 243 for specifications)

DMX Addressing	SW1	SW2	SW4
Channel 1	0	0	1
to		to	
Channel 512	5	1	2

Standalone Static Colours	SW1	SW2	SW4
RED	9	9	1
GREEN	9	9	2
BLUE	9	0	3
WHITE	9	0	9

Standalone RGB Sequence	SW1	SW2	SW4
RGB Sequence	9	9	8

LS67560 DMX Signal Input Setting

Rotary Switch			Operation Type
X100	X10	X1	
0	X	X	DMX
1	X	X	DMX
2	X	X	DMX
3	X	X	DMX
4	X	X	DMX
5	X	X	DMX

LS67560 Hard Coded Input Settings

Rotary Switch			Hard Colour
X100	X10	X1	
7	0	0	white
7	0	1	red
7	0	2	green
7	0	3	blue
7	0	4	yellow
7	0	5	cyan
7	0	6	magenta

LS6910

1024 Channel Architectural Wall Plate DMX Show Controller

Voltage	9 V DC, 300 mA
Power Connector	Mini USB / screw terminal
Outputs / Interface	DMX512 / USB
Ethernet Connection	With LS6911
User Interface	Touch panel / PC via USB
Live Control	Colour, dimmer, speed, show
Infra Red Remote Control	With LS6911
Smart Phone Control iPhone/iPad/Android	With LS6911
RS232 Triggering	Yes
Ports Triggering	8
Programmability	USB
Windows XP/Vista/Seven	32/64 bit
Easy Stand Alone Pro Software	CD included
DMX Channels	1024 (2 x Universe)
No. of Shows	200
Stand Alone Memory	Mini SD
Calendar Triggering	40 entries
DMX Connection	Screw terminals
Installation	Wall mount indoor
Dimensions	168 x 128 x 11.5 mm

LS6911

Communication Module suits LS6910

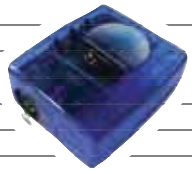
Outputs / Interface	Eternet / IR
Ethernet Connection	Yes
User Interface	Touch panel / IR remote control (included) / PC via ethernet / PC via USB
Infra Red Remote Control	Included
Smart Phone Control iPhone/iPad/Android	Yes
Programmability	Ethernet
Windows XP/Vista/Seven	32/64 bit
Installation	Plug-in

Phone not included

LS6920

128 Channel Architectural Stand Alone DMX Show Controller

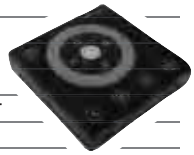
Voltage	9 V DC, 300 mA
Power Connector	Mini USB
Outputs / Interface	DMX512 / USB
User Interface	Buttons on case
Live Control	Show
Ports Triggering	8
Programmability	USB
Windows XP/Vista/Seven	32/64 Bit
Easy Stand Alone Software	CD included
DMX Channels	128
No. of Shows	20
Stand Alone Memory	5K
DMX Connection	3 pin XLR
Installation	Indoor
Dimensions	79 x 92 x 40 mm



LS6930

3 Channel Architectural Wall Plate DMX/PWM Show Controller

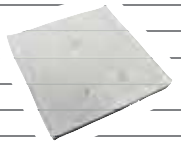
Voltage	12-24 V DC
Power Connector	Screw terminals
Outputs / Interface	DMX512 / PWM
User Interface	Touch panel
Live Control	Colour, dimmer, speed, show, program
Programmability	Touch panel
DMX Channels	3 (repeated across 512 channels)
PWM Channels	3
PWM Current Rating	6 A (3 x 2 A)
No. of Shows	4 moving, 4 static
DMX Connection	Screw terminals
PWM Connection	Screw terminals
Installation	Wall mount indoor
Dimensions	86 x 86 x 15 mm



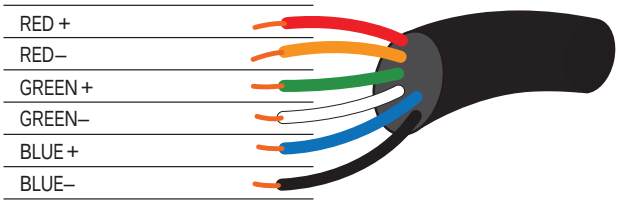
LS6940

128 Channel Architectural Wall Plate DMX Show Controller

Voltage	9 V DC, 300 mA
Power Connector	Mini USB / screw terminal
Outputs / Interface	DMX512 / USB
User Interface	Touch panel / PC via USB
Live Control	Colour, dimmer, show
Ports Triggering	1
Programmability	USB
Windows XP/Vista/Seven	32/64 bit
Easy Stand Alone Software	CD included
DMX Channels	128
No. of Shows	24
Stand Alone Memory	3K
DMX Connection	Screw terminal
Installation	Wall mount indoor
Dimensions	86 x 86 x 11 mm



RGB - Remote driver



Luminaire – LS393LED, LS793LED, LS563LED, LS741, LS731LED, LS411LED, LS333LED, LS275LED

RGB - Integral driver

AC	DC
AC1	+
AC2	–
PWM COMMON	
PWM RED	
PWM GREEN	
PWM BLUE	

Luminaire – LS853LED, LS265LED

Single Colour DIM 20 AWG

AC	DC
AC1	+
AC2	–
PWM +	
PWM –	

Luminaire – LS9401LED, LS9402LED, LS9403LED, LS9407LED, LS9405LED, LS741LED, LS731LED

Single Colour DIM 18 AWG

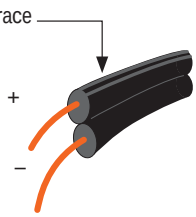
AC	DC
AC1	+
AC2	–
PWM +	PWM +
PWM–	PWM–

Luminaire – LS393LED, LS793LED, LS275LED, LS371LED, LS454LED, LS333LED, LS553LED, LS563LED

Lineo RGB

DC
RED
GREEN
BLUE
COMMON

Lineo Single colour

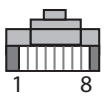


DMX Pin Designations

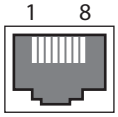
Signal	Connector Type		
	3 Pin XLR	5 Pin XLR	RJ45 Std
Data +	3	3	1
Data –	2	2	2
Ground	1	1	7

RJ45

Plug

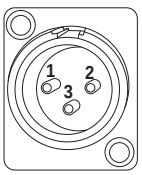


Socket

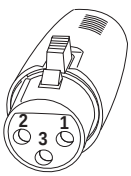


3-Pin XLR

Input

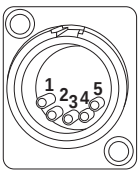


Output



5-Pin XLR

Input



Output

Note: Not all luminaires can be powered by both AC and DC supply. Refer to specifications for individual luminaire requirements.

The IP system is an internationally recognized method to indicate the degree of protection against the ingress of dust, solid objects and moisture into an enclosure. The letters “IP” are followed by two numerals.

First Numeral

Protection of persons against contact with or approach to live parts and against contact with moving parts (other than smooth rotating shafts and the like) inside the enclosure and protection of the equipment against ingress of solid foreign bodies in accordance with IEC 60598-1:2003.

Numeral	Degree of Protection
0	Not protected.
1	Protected against solid objects 50 mm in diameter or greater. A large surface of the body, such as a hand (no protection against deliberate access).
2	Protected against solid objects 12 mm in diameter or greater. Fingers or similar objects not exceeding 80 mm in length.
3	Protected against solid objects 2.5 mm in diameter or greater. Tools, wires, etc., of diameter or thickness greater than 2.5 mm.
4	Protected against solid objects 1 mm in diameter or greater. Wires or other similar solid material of thickness greater than 1mm in diameter.
5	Dust protected. Dust does not enter in sufficient quantity to interfere with satisfactory operation of equipment.
6	Dust tight. No ingress of dust.

Second Numeral

The second numeral indicates the degree of protection against the ingress of moisture as defined in IEC 60598-1:2003.

Numeral	Degree of Protection
0	Not protected.
1	Protected against dripping water. Dripping water (vertically falling drops) shall have no harmful effect.
2	Protected against dripping water when tilted up to 15º. Vertically dripping water shall have no harmful effect when the enclosure is tilted at an angle up to 15º from its normal position.
3	Protected against spraying water. Water falling as a spray at any angle up to 60º from the vertical shall have no harmful effect.
4	Protected against splashing water. Water splashing against the enclosure from any direction shall have no harmful effect.
5	Protected against water jets. Water projected by a nozzle against enclosure from any direction shall have no harmful effects.
6	Protected against heavy seas. Water from heavy seas or projected in powerful water jets shall not enter the enclosure in harmful quantities.
7	Protected against the effects of temporary immersion. Ingress of water in harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time.
8	Protected against continuous immersion. The equipment is suitable for continuous submersion in water under conditions which shall be specified by the manufacturer.

Impact Protection (IK) Rating

Degree of protection provided by enclosures for electrical equipment against external impacts in accordance with IEC 62262:2002.

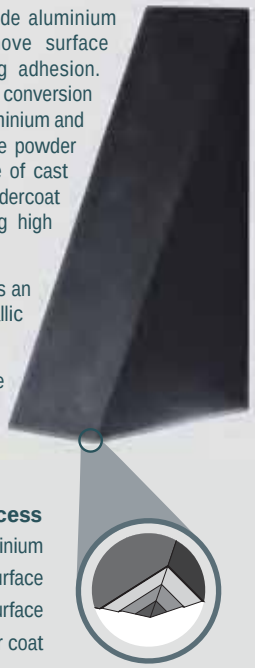
IK Code	Degree of Protection
IK00	Not protected.
IK01	Protected against 0.14 joules impact. Equivalent to impact of 0.25 kg mass dropped from 56 mm above impacted surface.
IK02	Protected against 0.2 joules impact. Equivalent to impact of 0.25 kg mass dropped from 80 mm above impacted surface.
IK03	Protected against 0.35 joules impact. Equivalent to impact of 0.25 kg mass dropped from 140 mm above impacted surface.
IK04	Protected against 0.5 joules impact. Equivalent to impact of 0.25 kg mass dropped from 200 mm above impacted surface.
IK05	Protected against 0.7 joules impact. Equivalent to impact of 0.25 kg mass dropped from 280 mm above impacted surface.
IK06	Protected against 1 joules impact. Equivalent to impact of 0.25 kg mass dropped from 400 mm above impacted surface.
IK07	Protected against 2 joules impact. Equivalent to impact of 0.5 kg mass dropped from 400 mm above impacted surface.
IK08	Protected against 5 joules impact. Equivalent to impact of 1.7 kg mass dropped from 300 mm above impacted surface.
IK09	Protected against 10 joules impact. Equivalent to impact of 5 kg mass dropped from 200 mm above impacted surface.
IK10	Protected against 20 joules impact. Equivalent to impact of 5 kg mass dropped from 400 mm above impacted surface.

ALUMINIUM

Lumascape's corrosion resistant, marine grade aluminium luminaires are firstly acid etched to remove surface contaminants and ensure maximum coating adhesion. The etched luminaires then undergo a chromate conversion process to alter the surface structure of the aluminium and provide a keyed surface to further enhance the powder coating adhesion. Most of Lumascape's range of cast aluminium luminaires are given an epoxy undercoat which is a sealing waterproof layer providing high corrosion resistance.

The new premium 'superchrome' powder coat has an additional clear coat to retain the lustre of metallic elements in the superchrome coat.

Lumascape's powder coat is an architectural grade formula, selected specifically for its durability in harsh, coastal environments and carries a two year performance warranty.



Coating Process

1. Marine grade aluminium
2. Acid etched prepared surface
3. Chromate converted surface
4. Powder coat

Standard Powder Coat

CB Black

CS Anodic Silver

CW White

NEW!

Premium Powder Coat

CA Superchrome

Lumascape is proud to offer a new high gloss chrome powder coat for a lustrous finish on selected luminaires.

316 MARINE GRADE STAINLESS STEEL

Lumascape uses 316 marine grade stainless steel in many of its luminaires because of the excellent corrosion resistance of this grade of stainless steel. However, because many environments around the world are particularly unforgiving on metal components, Lumascape takes corrosion resistance to a new level with its four step ElectropolishPlus™ treatment of the stainless steel City Range, bollards and LED luminaires.

Luminaires undergoing the ElectropolishPlus™ treatment go through four different processes to greatly enhance their corrosion resistance. See page 165 for details.

While 316 stainless steel is highly corrosion resistant in its normal state, if it is not treated to at least one of these processes, it can develop an unsightly coating that resembles rust, called tea staining. Lumascape's ElectropolishPlus™ treatment provides a beautiful stainless steel finish for its products that will remain rust free for the life of the fixture and beyond.

BRASS

Brass is an alloy of copper and zinc, and is a material that is used in the manufacture of several Lumascape luminaires.

Like copper, brass has great thermal performance and is structurally stronger. Lumascape prefers the use of brass over bronze due to its far superior thermal conductivity.

Lumascape luminaires made from brass are also corrosion resistant, making them suitable for use in underwater applications.

Whilst standard die-cast brass is generally used in Lumascape fixtures, some luminaires are offered with the choice of being either shot blasted or polished, giving further textural options to suit different styling.

COPPER

Lumascape uses copper in a number of its outdoor fixtures, particularly in the Landscape Range. Copper has many unique properties that separate it from other materials.

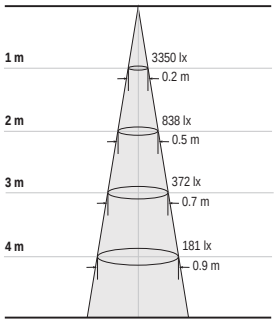
Copper complements the hues found in nature and once weathered adds a distinctive texture to the environment. Furthermore, copper generally has excellent thermal performance and corrosion resistance making copper luminaires ideal for outdoor applications.

Copper and its principal architectural alloys are relatively active metals which, when left unprotected, tend to oxidise. Long term atmospheric exposure in other than arid climates generally results in the formation of the naturally protective grey-green patina.

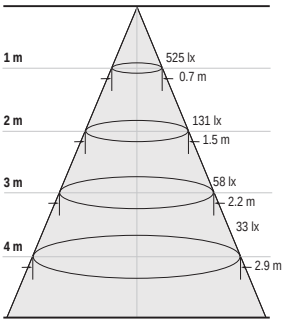
BEAM CHARACTERISTICS

Charts are generic MR16 lamp beam characteristics
Please refer to lamp manufacturer for accurate details.

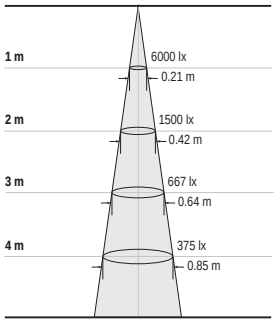
20 W 13°



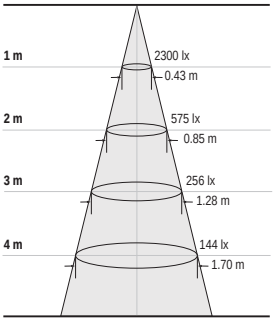
20 W 40°



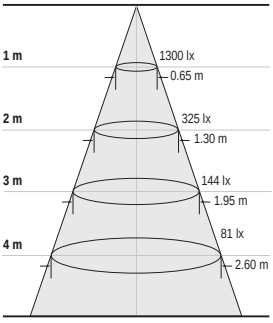
35 W 12°



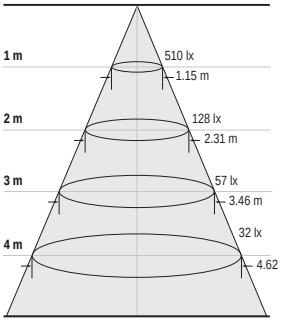
35 W 24°



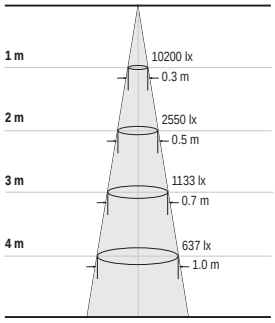
35 W 36°



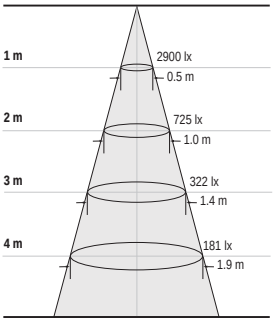
35 W 60°



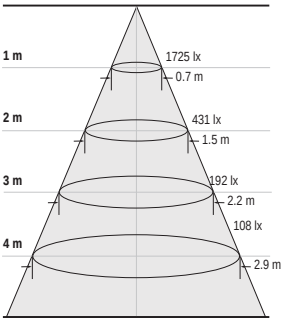
50 W 14°



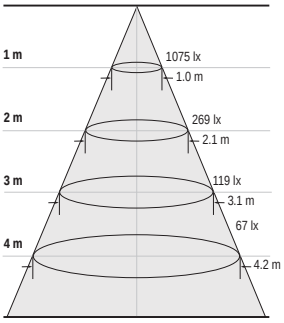
50 W 27°



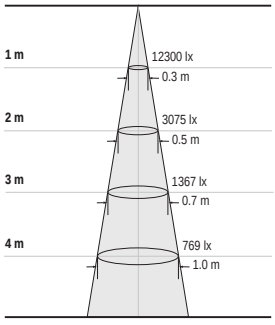
50 W 40°



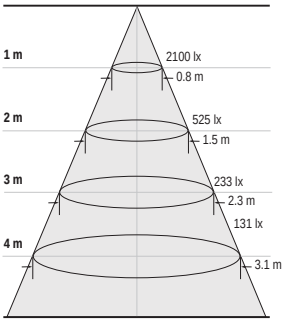
50 W 55°



75 W 13°



75 W 42°



SUMMARY OF WARRANTY BY PRODUCT CATEGORY

Lumascape will guarantee the following product groups from the date of purchase against faulty workmanship or materials as stated below and subject to the Terms and Conditions following.

Architectural Lighting Luminaires	Structural	Electrical
Spotlights & Floodlights - Aluminium	2 years	12 months
Inground - Stainless Steel	10 years	12 months
Inground - Brass	5 years	12 months
Underwater - Stainless Steel & Brass	5 years	12 months
Wall Mount - Stainless Steel	10 years	12 months
Wall Mount - Aluminium	2 years	12 months
Wall Mount - Brass	5 years	12 months
Bollard & Pathway - Stainless Steel	10 years	12 months
Downlights - Aluminium	2 years	12 months
Landscape Range Luminaires	**Structural**	**Electrical**
Copper	10 years	12 months
Aluminium	2 years	12 months
LEDscape Range Luminaires	**Structural**	**Electrical**
Copper	10 years	12 months
Aluminium	5 years	12 months
Stainless Steel	5 years	12 months
Transformers	**Structural**	**Electrical**
Magnetic Transformers	12 months	12 months
Electronic Transformers	12 months	12 months

LUMASCAPE PRODUCT WARRANTY TERMS & CONDITIONS

1. All warranty claims are subject to manufacturer's review and acceptance.
2. Lumascape warrants that it uses reasonable care and skill to ensure that its lighting products are of reasonable quality. Lumascape will at its cost and in its sole discretion:
   (i) remedy any defect or fault in any product purchased; or
   (ii) replace any product in respect of which there is a defect or fault, during the warranty period, provided that written notice is given by the Purchaser to Lumascape of any such defect or fault in the product as soon as the Purchaser becomes aware of that fault or defect. All warranty claims must be returned to Lumascape for assessment with a receipt or other proof of payment. No warranty is given in respect of any glass contained in any product.
3. Lumascape has no liability to remedy any defect in a product or replace a product where the defect or fault is caused or contributed to by
   (i) the failure of the Purchaser to install the product according to specific installation instructions either supplied within each product box or carton or available on the Lumascape website or through the wholesaler or Lumascape's representative; or
   (ii) use of the product in a manner or for a purpose for which it was not designed.
4. All site application or installation must reflect these procedures otherwise the product warranty will be considered void or will not take effect.
5. Except as provided for in this warranty, and to the extent allowed by law, Lumascape's liability in respect of the product under the law of any State or Territory is excluded. Where liability may be limited but not excluded by any applicable State or Territory law, liability is limited to the full extent possible under that law.
6. This Clause 5 will only apply in Australia to the extent to which the provisions of the Commonwealth Trade Practices Act 1974 (the "Act") apply to contracts entered into by Lumascape for the provision of goods and services. In all other countries the local equivalent Trade Practices legislation shall apply and Lumascape exercises all of its rights to limit its liability to the full extent allowed.

   Pursuant to section 68A of the Act, this Clause 6 applies in respect of the goods or services supplied by Lumascape which are not of the kind ordinarily acquired for personal, domestic, or household use or consumption, provided that this Clause 6 will apply if the Purchaser establishes that reliance on it would not be fair and reasonable.

   Liability for a breach of a condition or warranty implied by the Act is limited to any one of the following, as determined by Lumascape in its sole discretion:
   (i) the replacement of the goods or the supply of equivalent goods;
   (ii) the repair of the goods;
   (iii) the payment of the cost of replacing the goods or acquiring equivalent goods; or
   (iv) the payment of the cost of having the goods repaired.

   In no event will Lumascape be liable to the Purchaser for any damages, including lost profits, lost savings or any other incidental or consequential damages arising out of the use or inability to use the product or any claim by any other party. All claims are limited to the repair or the replacement of the products only and do not include any labour or transportation charges. The entire risk as to the use and performance of the product is assumed by the Purchaser.
7. All claims are limited to the repair or the replacement of the products only and do not include any labour or transportation charges. The entire risk as to the use and performance of the product is assumed by the Purchaser..
8. Power tools shall not be used to tighten or assemble products. Any damage claim or product failure associated to this matter will be promptly dismissed or rejected.
9. All installations shall be performed in accordance with the local, state and country electrical code. Appropriate regulatory authorities should be consulted where required.
10. Lumascape products have been factory tested, documented in the catalogue and/or listed by governing safety bodies or public safety agencies to comply with rules and regulations in effect at the time of registration. Product must therefore be used within these parameters and selection must be exercised accordingly by consultants and lighting professionals to extend and preserve public safety during the installation and after.
11. All items must be properly grounded and all installations should be performed by a professional electrician and or a duly licensed contractor carrying proper liability insurance.
12. All information supplied by Lumascape's representatives shall be reflected in the catalogue or verified with Lumascape directly if it deviates from the primary intended use of a specific product or the product limitations.
13. All installation matters and failures related to installation matters will be the installer's responsibility and will remain so throughout the life of the product.
14. Lamp wattage and matching replacement parts must be respected throughout the product life.
15. There is no warranty offered on lamps other than the lamp manufacturer's warranty if any.
16. Lumascape accepts no responsibility for damage to any ancillary equipment or inconvenience caused by the failure of our products.
17. Lumascape reserves the right to alter fittings or specifications at any time.
18. The use of high pressure water cleaners, corrosive cleaning agents, and harsh abrasives, may damage the function and/or appearance of luminaires. The use of these types of cleaning methods may void warranty.
19. High voltage insulation tests (megger) will permanently damage driver electrical components and will void warranty.

The Lumascape Website supersedes this catalogue and all other written or communicated product information. This includes references to packaging, brochure information and other forms of digital or written communication.

All prices subject to change without notification.

Any lighting products suggested by Lumascape for installation are recommendations only regardless of the circumstances of the recommendation. The responsibility for any compliance to required lighting levels or energy standards and codes rests solely with a certified Lighting Engineer or Lighting Practitioner appointed by others.

All Lumascape luminaires are intended for use as architectural accent lighting and their use as part of public or workplace lighting designs requires certification and design by others to ensure compliance to the relevant lighting standards. Under no circumstances does Lumascape accept responsibility for such certification.

About Lumascape

Lumascape Lighting Industries is Australia's leading niche manufacturer of high performance and high quality exterior architectural, landscape and underwater lighting products.

From modest beginnings in 1991, this proudly Australian owned business now exports to more than 40 countries around the world, consistently generating half of its revenue in overseas markets.

Lumascape USA, a wholly-owned subsidiary located in San Carlos, California, services the North American market with locally assembled products sold through more than 50 specialist manufacturers' representatives.

Elsewhere around the world, the company distributes its products through a network of agents and distributors carefully selected for their understanding of the business culture in their particular market and their ability to service the unique needs of customers in those regions.

Our Commitment

We are committed to delivering outstanding value for our customers, maintaining a leadership position in our chosen markets through an ongoing focus on customer needs and expectations. Ongoing training and providing a safe and learning workplace for our employees ensures that Lumascape will maintain its leadership position in the market place.

Our Contribution to the Environment

We take our environmental responsibilities seriously. Lumascape's products and manufacturing processes are designed around the principles of energy efficiency, recyclability and the elimination of waste in all its forms.

We continue to develop an Environmental Management System that ensures the company's current and future products and methods of doing business meet all legislated community requirements and expectations.

Products

All of Lumascape's lighting products are designed, developed and manufactured to suit the specific environmental and regulatory requirements in the countries in which they are sold and installed.

The company is a leader in the development of LED lighting systems and luminaires utilising metal halide lamps, assembled in high ingress protection enclosures.

Innovation

Lumascape invests a significant amount of its revenue each year into the research and development of new and innovative lighting technologies and luminaires. The company has been a recipient of a number of government awards in recent years targeting among other things the development of thermal management techniques vital to the successful performance and durability of LED lighting.

Design Philosophy

Our products are designed around four basic tenets: Anticipation of customer needs, reliability, durability and the application of advanced yet proven technology.

New designs are comprehensively tested and accredited by certified laboratories prior to launch, while all production processes are validated through end-of-line functional testing. In the case of LED luminaires, extended "burn-in" testing is carried out prior to shipment.

Lumascape reserves the right to alter any product specifications at any time

Product Engineering at Lumascape

For more than two decades, Lumascape has engineered and manufactured lighting equipment built to withstand the rigors of the outdoor environment. Our commitment to material technology, thermal management and build quality was evident in the first luminaires we built, and today that commitment continues with a special focus on solid state lighting technology.

Solid state is rapidly becoming the source of choice for many lighting applications, and nowhere does it make more sense than in outdoor environments. The long life of LED's drastically extends maintenance cycles, reducing those risks associated with lamp changes, (such incorrectly resealing a housing or misaligning a lens) and allowing the vision and intent of the designer to remain intact.

Building an LED luminaire to withstand the rigors of a life outside is no easy task. Thermal considerations are paramount, both for the LED and for the drivers powering the LED. Lumascape has a decade's experience working with solid state lighting technology, so as the technology evolved, so too did our approach to thermal management, optics and binning. The result can be seen in our latest generation of LED modules which are pushing past compact HID on output and efficiency.

Lumascape continues to invest heavily in LED luminaire development programs, all of which are backed by the most sophisticated lighting laboratory in the southern hemisphere. Sophisticated developmental and testing capabilities including environmental (temperature, humidity and corrosion), electrical, EMC (electromagnetic compliance), photometric and colorimetric, are housed in our purpose-built laboratory. These capabilities allow our engineers to simulate the harshest environmental conditions to ensure that all product delivered performs flawlessly. Our engineers also have the capability to test luminaires to all of the various ANSI/UL and CSA product standards. All luminaires carry the approvals of a third-party testing body.

Lumascape LED's are sourced only from the most reputable suppliers capable of providing LM-80 test data on lumen depreciation. Lumascape is committed to providing detailed performance specifications on our products, which is why you will start to see L70 lumen maintenance performance data published in our literature. In addition to this, LM-79 test reports are being prepared for our major luminaire categories.

Specify Lumascape with confidence knowing that each Lumascape luminaire has been designed, tested and built to perform in the harshest of environments.

Q What are LEDs?

A A Light Emitting Diode (LED) is a semiconductor device that emits narrow spectrum light when electrically biased in the forward direction. The colour of the emitted light depends on the chemical composition of the semiconducting material used.

Q What are the benefits of using LEDs as a light source?

A The main benefits of using LED light sources are:

- Long life / low maintenance
- Durability (no glass or filaments)
- Energy savings
- Directed light for increased system efficiency
- Lower operating temperature
- Design flexibility (ie. LED colour, shape, mounting)
- Colour variability
- Vivid saturated colour without externally fitted filters
- Environmentally friendly (minimised waste, no mercury, lead-free)
- No heat or UV in the light beam
- Very cold starting temperature - as low as -40°C

Q What is the difference between single colour LEDs and RGB LEDs?

A An RGB LED consists of multiples of three LEDs (red, green and blue). A multitude of different colours can be created by mixing various intensities of these three basic colours. Single colour LEDs are available in many different colours however the colour is fixed and cannot be changed.

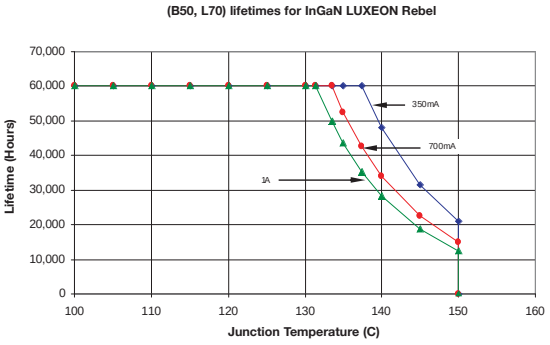
Q What is the real life of LEDs and why is there such variation claimed (50,000 to 100,000 hours)?

A Every LED experiences a gradual and permanent reduction in light output during operation. PHILIPS Lumileds classify a failed LED as one whose lumen output has reduced to 70% of the initial output. It should be noted that the human eye is insensitive to small changes in illuminance levels and that a decrease in output of approximately 50% is needed in order to create noticeable change. (Source: PHILIPS Lumileds, Application Brief AB45).

All Lumascape luminaires are designed to keep the junction temperature well below maximum rated values in normal operating conditions, even at elevated ambient temperatures. To achieve optimum life, LED luminaires should not be operated in direct sunlight, therefore it is recommended a PE cell be included in any exterior LED luminaire installation.

Q What is the relationship between the temperature at which the LED runs and its life span?

A Running an LED above the manufacturer's recommended junction temperature will result in an accelerated reduction in light output. Since the long life of LEDs is a key benefit, it is essential for the temperature of the LED junction to be managed correctly. This graph indicates how the LED junction temperature and life are related.



Expected (B50, L70) lifetimes for InGaN LUXEON Rebel.

Q How consistent are particular colours of individual LEDs?

A During the manufacturing process LEDs are binned (sorted) according to colour, forward voltage and luminous flux. Lumascape uses binned LEDs to minimise variability. This is especially important for large projects where consistency is important. Lumascape records the bins of LEDs supplied to individual customers allowing the re-supply of LEDs to match previous installations.

Q Should LEDs be operated using an AC transformer or a DC power supply?

A Many Lumascape luminaires can be operated using either 12 V AC magnetic transformers or 24 V DC ripple free power supplies. Lumascape also has an extensive range of LED luminaires suitable for line voltage. High frequency electronic transformers cannot be used.

Q Which transformer should I use and how many luminaires can I run off a single transformer or power supply?

A See page 240 for transformer capacities.

Q Are LED luminaires to be wired in series or in parallel?

A All Lumascape LED luminaires with integral LED drivers must be connected in parallel (the same as conventional luminaires). All Lumascape LED luminaires with remote LED drivers must be connected in series.

Q Are LEDs dimmable? Can a basic residential dimmer be used?

A Some low voltage drivers have a dimming feature. An additional pair of wires for the dimming signal is required on the luminaire. This is not available as standard. Please specify this requirement at the time of ordering. A basic residential dimmer cannot be used. Refer to page 242 for the field intensity setting with Lumasacpe low voltage LED drivers.

Q Do I need a constant current driver and why?

A Lumascape offers several options for powering each luminaire: built-in low voltage drivers, built-in line voltage drivers or remote LED drivers (customer can use a constant current driver of their choice). Please refer to each product page for that product's available options.

Luminaire Code	Weight		Width		Length		Height		Page
	lb	kg	in	mm	in	mm	in	mm	
Inground									
LS853LED	14.3	6.5	11	280	11	280	11.8	300	11
LS353LED	15.4	7	8.7	220	8.7	220	15.7	400	18
LS363LED	15.4	7	8.7	220	8.7	220	15	380	21
LS393LED	4.4	2	7.5	190	7.5	190	11.8	300	27
LS793LED	3.5	1.6	7.1	180	7.1	180	7.9	200	34
LS553LED	3.9	1.8	7.5	190	7.5	190	11.8	300	37
LS563LED	3.1	1.4	7.5	190	7.5	190	11.8	300	38
LS9401LED	1.8	0.8	4.7	120	9	230	3.5	90	40
LS9403LED	2.2	1	7.1	180	7.1	180	7.9	200	40
LS343	17.6	8	11	280	11	280	18.5	470	43
LS853	14.3	6.5	11	280	11	280	11.8	300	53
LS793	3.5	1.6	7.1	180	7.1	180	7.9	200	60
LS843	14.3	6.5	11	280	11	280	11.8	300	61
LS363	12.1	5.5	8.7	220	8.7	220	15	380	67
LS393	4.4	2	7.5	190	7.5	190	11.8	300	75
LS333A	2.0	0.9	7.1	180	7.1	180	7.9	200	80
LS333AN-1	4.4	2	7.1	180	7.1	180	7.9	200	80
LS353	13.2	6	8.7	220	8.7	220	15	400	82
Spotlight & Floodlight									
LS411LED	5.9	2.7	7.5	190	7.5	190	11.8	300	87
LS421LED	5.9	2.7	7.5	190	7.5	190	11.8	300	90
LS431LED	7.7	3.5	7.5	190	7.5	190	15.4	390	91
LS422LED	7.9	3.6	7.5	190	7.5	190	15.4	390	92
LS432LED	7.7	3.5	7.5	190	7.5	190	15.4	390	93
LS452LED	6.8	3.1	7.5	190	7.5	190	15.4	390	94
LS471LED	7.7	3.5	7.5	190	7.5	190	15.4	390	96
LS9402LED	2.0	0.9	4.7	120	8.9	225	3.3	85	98
LS461	5.9	2.7	7.5	190	7.5	190	15.4	390	101
LS411	3.3	1.5	7.5	190	7.5	190	11.8	300	104
LS421	5.9	2.7	7.5	190	7.5	190	11.8	300	106
LS431	6.6	3	7.5	190	7.5	190	15.4	390	107
LS422	7.9	3.6	7.5	190	7.5	190	15.4	390	108
LS432	7.4	3.4	7.5	190	7.5	190	15.4	390	109
LS452	6.8	3.1	7.5	190	7.5	190	15.4	390	110
LS471	6.6	3	7.5	190	7.5	190	15.4	390	113
Underwater									
LS9405LED	2.2	1	7.1	180	7.1	180	7.9	200	117
LS333ANS-LED	3.2	1.5	7.1	180	7.1	180	7.9	200	118
LS275LED	2.2	1	7.1	180	7.1	180	7.9	200	119
LS265LED	6.6	3	11	280	11	280	11.8	300	122
LS333ANS-2	2.9	1.3	7.1	180	7.1	180	7.9	200	125
LS275A-2	2.2	1	7.1	180	7.1	180	7.9	200	127
LS265A-1	13.2	6	11	280	11	280	11.8	300	128
LS265A-3	11	5	11	280	11	280	11.8	300	129
LS345	17.6	8	11	280	11	280	18.5	470	131
LS475A	1.8	0.8	4.7	120	4.7	230	3.3	85	130
Wall Mount									
LS931LED	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	135
LS9406LED	1.8	0.8	4.7	120	9	230	3.5	90	136
LS371LED	3.3	1.5	7.1	180	7.1	180	7.9	200	137
LS491	2.6	1.2	4.7	120	8.9	225	3.3	85	141
LS441	1.7	0.8	3.1	80	10.6	270	4.3	110	142
LS501	4.4	2	10.2	260	10.2	240	9.5	150	143
LS511A-1	1.8	0.8	3.5	90	6.7	170	3.9	100	138
LS371A	2.8	1.3	5.5	140	5.7	145	3.1	80	145
LS381A	1.5	0.7	4.9	125	4.9	125	5.5	140	146
LS861LED	2.6	1.2	5.4	138	5.4	138	3	75	138
Exterior Downlights									
LS9407LED	1.8	0.8	4.7	120	9	230	3.5	90	149
LS454LED	1.4	0.7	7.1	180	7.1	180	7.9	200	151
LS454A	1.2	0.6	4.3	110	4.7	120	3.5	90	153
Bollard & Pathway									
LS482	11	5	7.1	180	21.7	550	7.1	180	156
LS582	3.3	1.5	7.1	180	7.1	180	7.9	200	157
LS592	2.2	1	7.1	180	7.1	180	7.9	200	158

Luminaire Code	Weight		Width		Length		Height		Page
	lb	kg	in	mm	in	mm	in	mm	
City Range									
LS751LED	2.1	1	7.1	180	7.1	180	7.9	200	161
LS751-2LED	3.9	1.8	7.1	180	7.1	180	7.9	200	161
LS731LED	3.9	1.8	7.1	180	7.1	180	7.9	200	162
LS741LED	4.2	1.9	4.7	120	8.9	225	3.3	85	163
LS772LED	4.4	2	43.5	1100	7.1	180	7.1	180	164
LS772-2LED	4.4	2	43.5	1100	7.1	180	7.1	180	164
LS762LED	2.1	1	21.7	550	7.1	180	7.1	180	166
LS762-2LED	2.1	1	3.5	90	6.7	170	3.9	100	166
LS751	2.0	0.9	3.5	90	6.7	170	3.9	100	169
LS751-2	3.9	1.8	7.1	180	7.1	180	7.9	200	169
LS731	2.0	0.9	3.5	90	6.7	170	3.9	100	170
LS741	2.9	1.3	4.7	120	8.9	225	3.3	85	171
LS901A	2.0	0.9	3.5	90	6.7	170	3.9	100	172
LS911A	2.9	1.3	4.7	120	8.9	225	3.3	85	173
LS772A	4.4	2	43.5	1100	7.1	180	7.1	180	174
LS772-2A	6.6	3	43.5	1100	7.1	180	7.1	180	174
LS922A	4.4	2	21.7	550	7.1	180	7.1	180	175
LS922-2A	5.3	2.4	21.7	550	7.1	180	7.1	180	175
LS762A	2.1	1	21.7	550	7.1	180	7.1	180	176
LS762-2A	4.4	2	21.7	550	7.1	180	7.1	180	176
Landscape									
LS151LED	1.5	0.7	7.1	180	7.1	180	7.9	200	179
LS201LED	0.1	0.5	3.5	90	6.7	170	3.9	100	180
LS121LED	1.5	0.7	4.7	120	8.9	225	3.3	85	181
LS321LED	0.1	0.5	3.1	80	8.9	225	4.7	120	182
LS321-2LED	0.1	0.5	3.1	80	8.9	225	4.7	120	182
LS192LED	2.6	1.2	7.1	180	31.5	800	7.1	180	183
LS192-2LED	3.1	1.4	7.1	180	31.5	800	7.1	180	183
LS782LED	2.0	0.9	4.7	120	8.9	225	3.3	85	184
LS151A	0.8	0.4	7.1	180	7.1	180	7.9	200	187
LS201A-3	0.1	0.5	3.5	90	6.7	170	3.9	100	188
LS121A-2	1.5	0.7	4.7	120	8.9	225	3.3	85	189
LS782A	2.0	0.9	4.7	120	8.9	225	3.3	85	190
LS132A	1.7	0.8	4.7	120	8.9	225	3.3	85	191
LS192-1A	2.6	1.2	7.1	180	31.5	800	7.1	180	192
LS192-2A	3.1	1.4	7.1	180	31.5	800	7.1	180	192
LS321A	0.1	0.5	4.7	120	8.9	225	3.1	80	193
LS321-2A	0.1	0.5	4.7	120	8.9	225	3.3	85	193
LS294	0.8	0.4	9.8	250	7.5	190	7.5	190	194
Interior Downlights									
LS35027	1.8	0.8	5.1	130	13.4	340	4.0	100	197
LS15031	2.4	1.1	5.1	130	13.4	340	4.0	100	198
LS15022	2.0	0.9	5.1	130	13.4	340	4.0	100	201
LS35022	2.4	1.1	5.1	130	13.4	340	4.0	100	204
LS25022	2.3	1.1	5.1	130	13.4	340	4.0	100	200
LS15023	2.4	1.1	5.1	130	13.8	350	6.3	160	206
LS35023	2.5	1.2	5.1	130	13.8	350	6.3	160	208
LS15030	6.8	3.1	5.1	130	13.8	350	6.3	160	210
LS35030	6.8	3.1	5.1	130	13.8	350	6.3	160	212
LS15024	3.9	1.8	5.9	150	15.4	390	6.3	160	214
LS35024	4.0	1.8	5.9	150	15.4	390	6.3	160	216
LS25024	3.9	1.8	5.9	150	15.4	390	6.3	160	217
LS15025	6.0	2.7	5.9	150	15.4	390	6.3	160	218
LS35025	4.3	2.0	10	255	10	255	12.2	310	220
LS25025	4.9	2.2	10	255	10	255	12.2	310	222
LS15032	7.6	3.5	8.7	220	9.1	230	12.2	310	224
LS35032	7.5	3.4	10	255	10	255	12.2	310	224
LS25032	6.3	2.9	10	255	10	255	12.2	310	228
LS15014	7.4	3.4	8.7	220	10	255	12.2	310	230
LS45011	2.3	1.1	8.7	220	8.7	220	5.5	140	223

Peppers Beach Club - Port Douglas, Australia (page 33)
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