

HAVIT
Lighting

2020

LIGHTING BY HAVIT



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All images and information in this publication are a guide to the displayed product and should be checked with at **www.havit.com.au** prior to purchase. Information is subject to change without notification at the discretion of Havit Lighting.

For further information please contact the team at Havit Lighting.

Some fittings within the Havit Lighting catalogue are supplied with complementary globes. Although Havit Lighting will make every effort to supply the globe shown, another globe may be supplied if models change or a globe is not available.

For information about our warranty visit:
www.havit.com.au



















2020

LIGHTING BY HAVIT



Havit Lighting
Catalogue 2020
Issue No. 18

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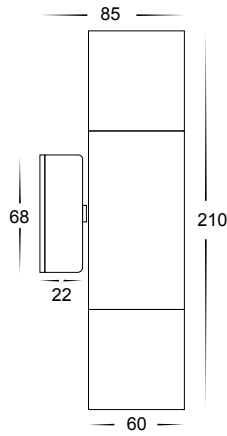
Lighting by Havit



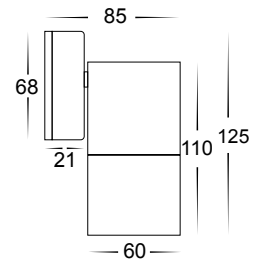
Spot Lights By Havit



Up & Down



Fixed Down



Tivah 316 Stainless Steel

- Stainless Steel 316 Marine Grade
- Includes a matching stainless steel backing plate
- High output reflector to maximise light
- IP Rating: IP65

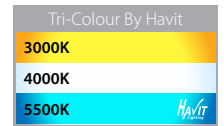
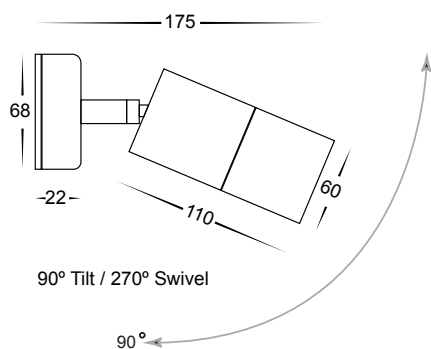


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1005T	3000K 4000K 5500K	2x 240-560lm 2x 255-595lm 2x 270-630lm	240v	9 in 1 Tri-Colour 2x 3/5/7w GU10 LED
	HV1007GU10T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1007MR16T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1105T	3000K 4000K 5500K	240-560lm 255-595lm 270-630lm	240v	9 in 1 Tri-Colour 3/5/7w GU10 LED
	HV1107GU10T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1107MR16T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Single Adjustable



Double Adjustable

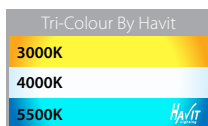
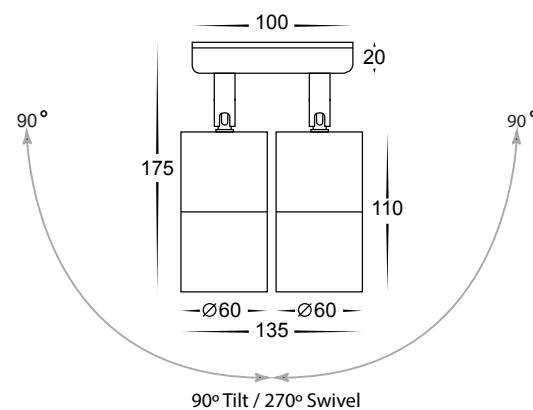
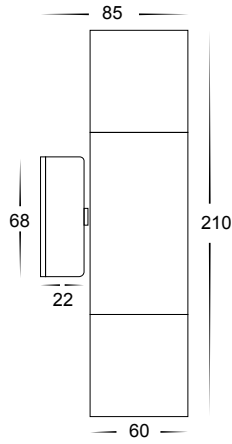


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1205T	3000K 4000K 5500K	240-560lm 255-595lm 270-630lm	240v	9 in 1 Tri-Colour 3/5/7w GU10 LED
	HV1207GU10T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1207MR16T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1305T	3000K 4000K 5500K	2x 240-560lm 2x 255-595lm 2x 270-630lm	240v	9 in 1 Tri-Colour 2x 3/5/7w GU10 LED
	HV1307GU10T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1307MR16T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED

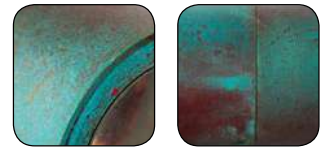
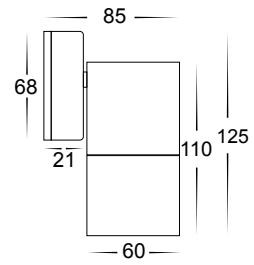
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Up & Down



Fixed Down



Weathered Copper

Tivah Solid Copper

- Solid Copper body
- Fast weathering for classic aged appearance
- Includes a matching backing plate
- High output reflector to maximise light
- IP Rating: IP65

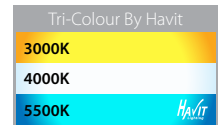
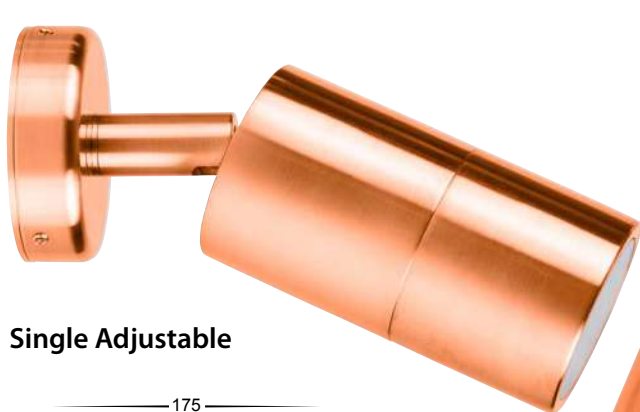
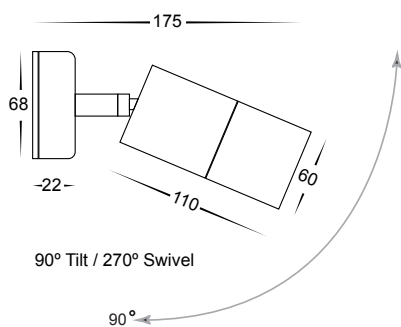


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1015T	3000K 4000K 5500K	2x 240-560lm 2x 255-595lm 2x 270-630lm	240v	9 in 1 Tri-Colour 2x 3/5/7w GU10 LED
	HV1017GU10T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1017MR16T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1115T	3000K 4000K 5500K	240-560lm 255-595lm 270-630lm	240v	9 in 1 Tri-Colour 3/5/7w GU10 LED
	HV1117GU10T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1117MR16T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Single Adjustable



Double Adjustable

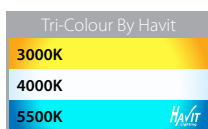
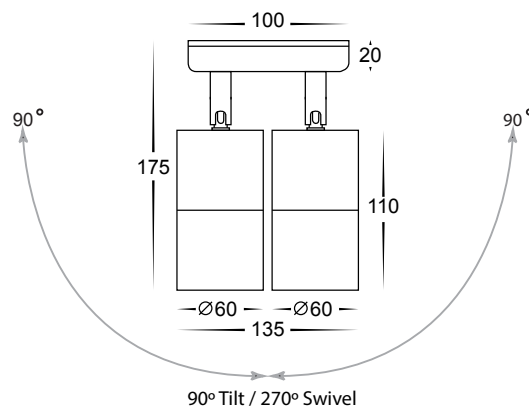
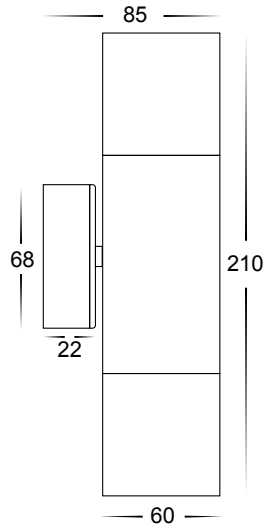


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1215T	3000K 4000K 5500K	240-560lm 255-595lm 270-630lm	240v	9 in 1 Tri-Colour 3/5/7w GU10 LED
	HV1217GU10T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1217MR16T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1315T	3000K 4000K 5500K	2x 240-560lm 2x 255-595lm 2x 270-630lm	240v	9 in 1 Tri-Colour 2x 3/5/7w GU10 LED
	HV1317GU10T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1317MR16T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED

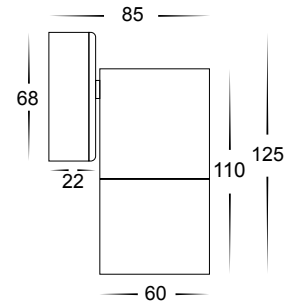
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Up & Down



Fixed Down



Tivah Aluminium Black

- Aluminium Poly Powder Coated Black
- Includes a matching aluminium backing plate
- High output reflector to maximise light
- IP Rating: IP65

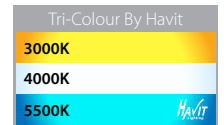
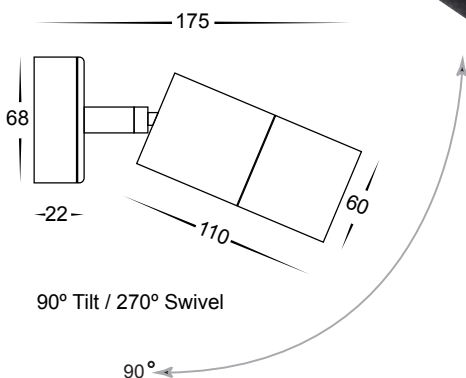


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1025T	3000K 4000K 5500K	2x 240-560lm 2x 255-595lm 2x 270-630lm	240v	9 in 1 Tri-Colour 2x 3/5/7w GU10 LED
	HV1027GU10T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1027MR16T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1125T	3000K 4000K 5500K	240-560lm 255-595lm 270-630lm	240v	9 in 1 Tri-Colour 3/5/7w GU10 LED
	HV1127GU10T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1127MR16T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Single Adjustable



Double Adjustable

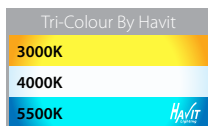
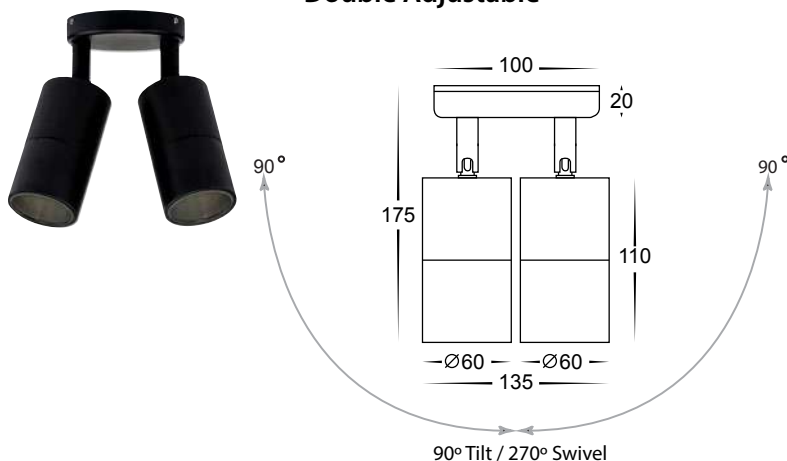
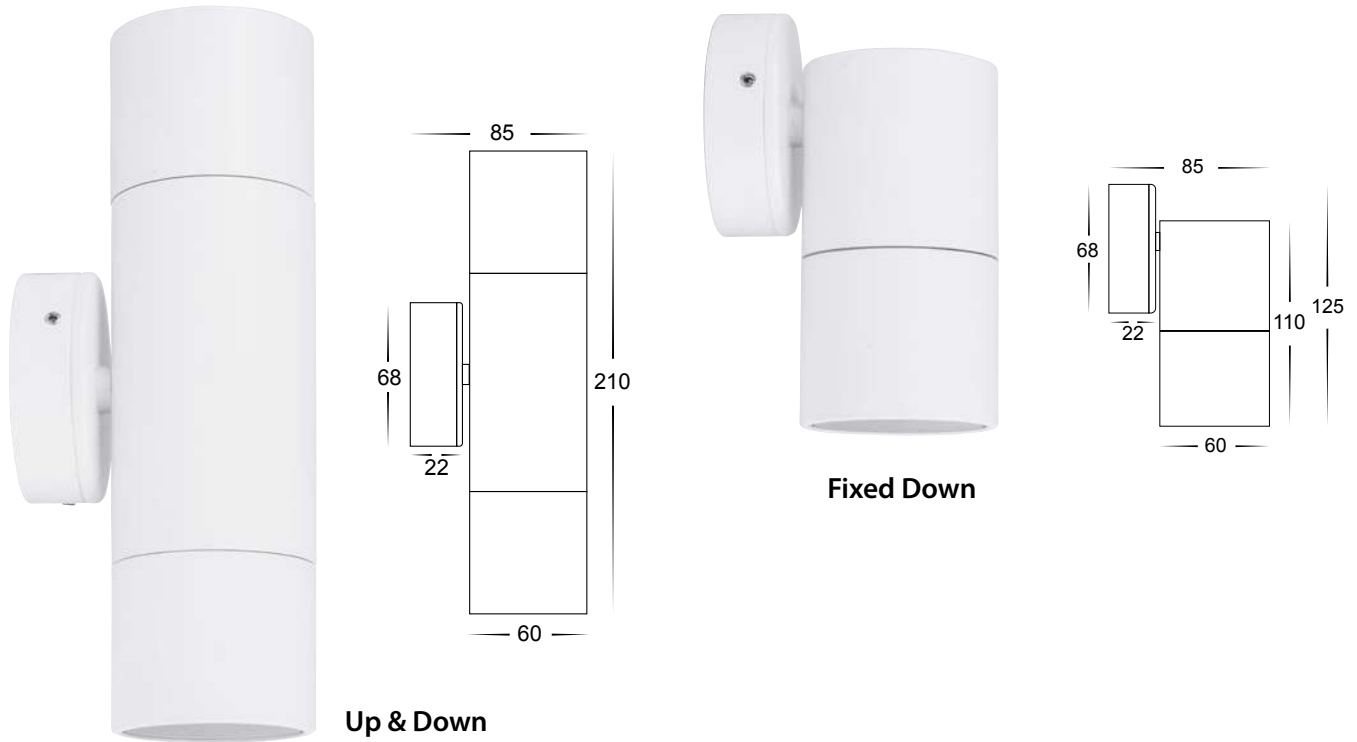


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1225T	3000K 4000K 5500K	240-560lm 255-595lm 270-630lm	240v	9 in 1 Tri-Colour 3/5/7w GU10 LED
	HV1227GU10T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1227MR16T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1325T	3000K 4000K 5500K	2x 240-560lm 2x 255-595lm 2x 270-630lm	240v	9 in 1 Tri-Colour 2x 3/5/7w GU10 LED
	HV1327GU10T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1327MR16T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Tivah Aluminium White

- Aluminium Poly Powder Coated White
- Includes a matching aluminium backing plate
- High output reflector to maximise light
- IP Rating: IP65

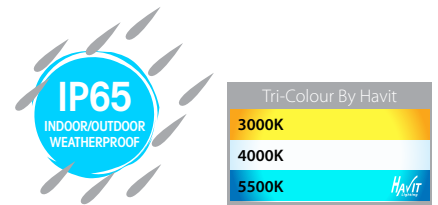
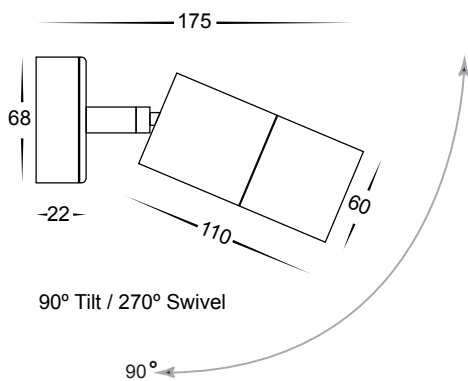


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1035T	3000K 4000K 5500K	2x 240-560lm 2x 255-595lm 2x 270-630lm	240v	9 in 1 Tri-Colour 2x 3/5/7w GU10 LED
	HV1037GU10T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1037MR16T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1135T	3000K 4000K 5500K	240-560lm 255-595lm 270-630lm	240v	9 in 1 Tri-Colour 3/5/7w GU10 LED
	HV1137GU10T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1137MR16T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Single Adjustable



Double Adjustable

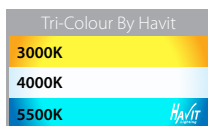
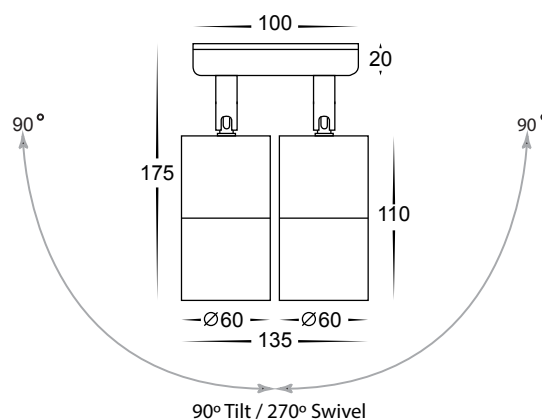
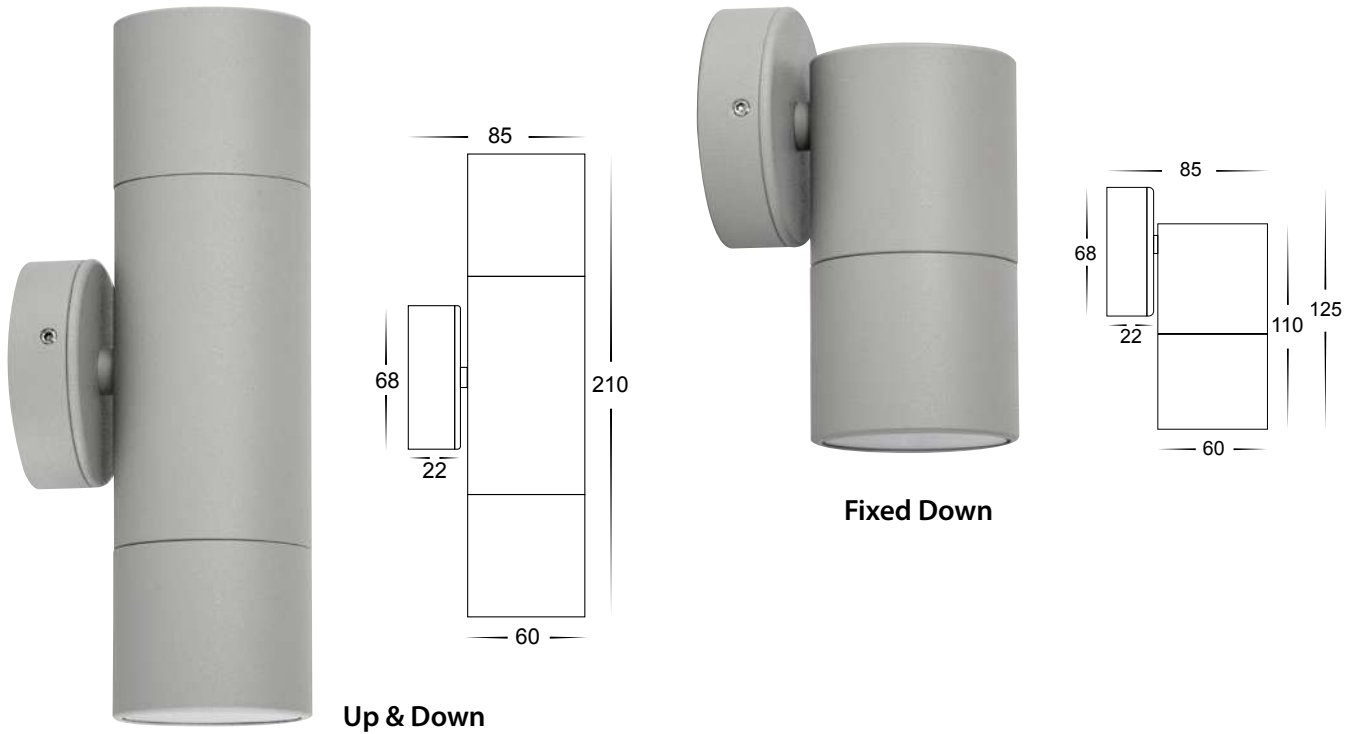


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1235T	3000K 4000K 5500K	240-560lm 255-595lm 270-630lm	240v	9 in 1 Tri-Colour 3/5/7w GU10 LED
	HV1237GU10T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1237MR16T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1335T	3000K 4000K 5500K	2x 240-560lm 2x 255-595lm 2x 270-630lm	240v	9 in 1 Tri-Colour 2x 3/5/7w GU10 LED
	HV1337GU10T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1337MR16T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Tivah Aluminium Silver

- Aluminium Poly Powder Coated Silver
- Includes a matching aluminium backing plate
- High output reflector to maximise light
- IP Rating: IP65

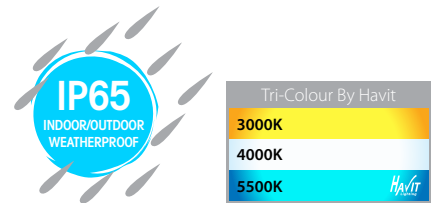
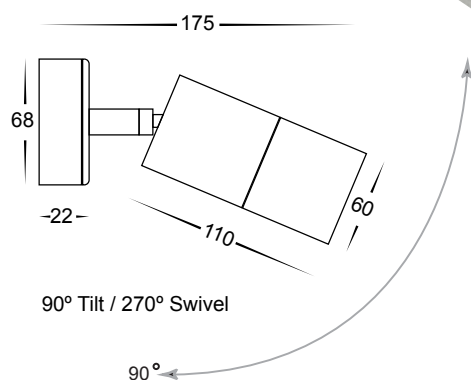


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1045T	3000K 4000K 5500K	2x 240-560lm 2x 255-595lm 2x 270-630lm	240v	9 in 1 Tri-Colour 2x 3/5/7w GU10 LED
	HV1047GU10T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1047MR16T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1145T	3000K 4000K 5500K	240-560lm 255-595lm 270-630lm	240v	9 in 1 Tri-Colour 3/5/7w GU10 LED
	HV1147GU10T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1147MR16T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Single Adjustable



Double Adjustable

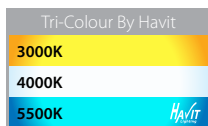
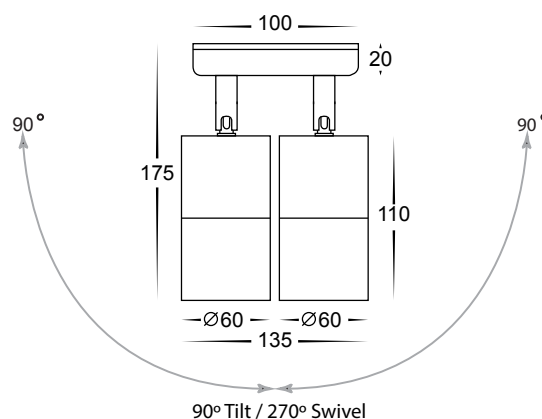
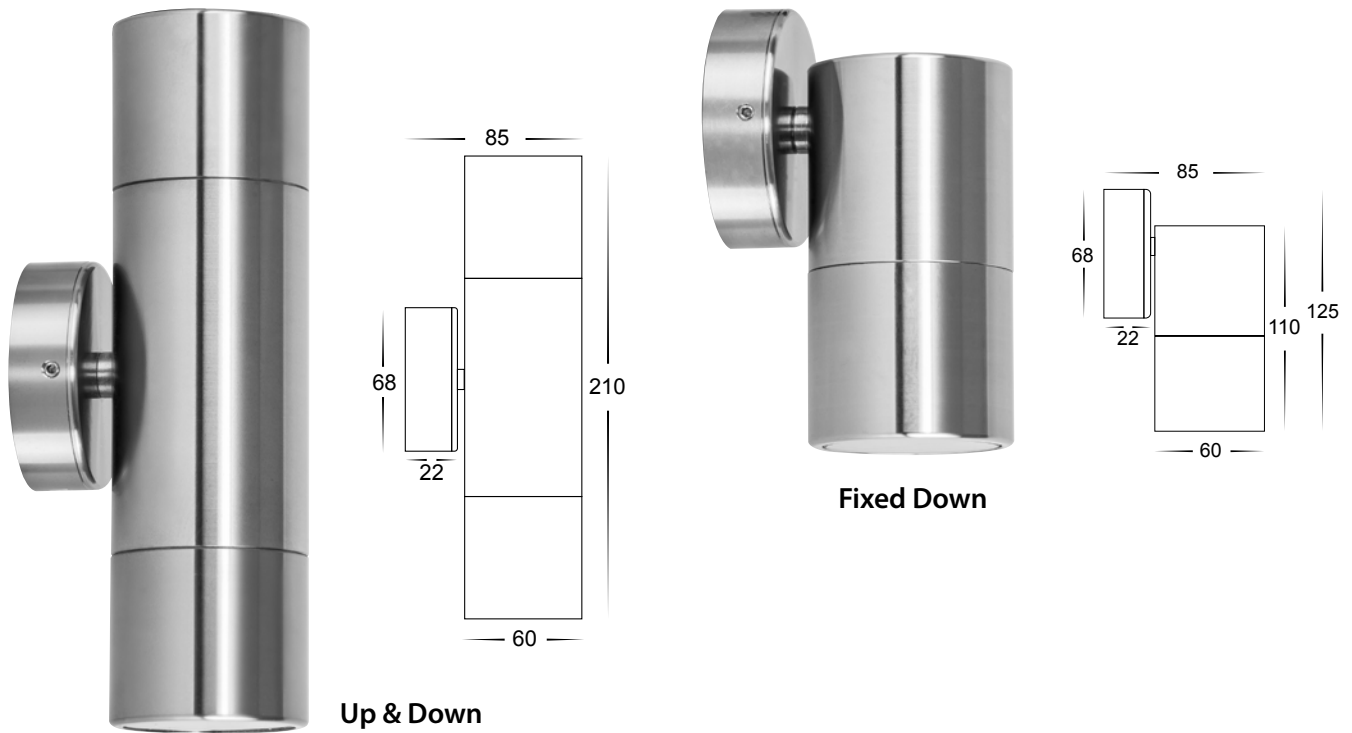


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1245T	3000K 4000K 5500K	240-560lm 255-595lm 270-630lm	240v	9 in 1 Tri-Colour 3/5/7w GU10 LED
	HV1247GU10T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1247MR16T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1345T	3000K 4000K 5500K	2x 240-560lm 2x 255-595lm 2x 270-630lm	240v	9 in 1 Tri-Colour 2x 3/5/7w GU10 LED
	HV1347GU10T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1347MR16T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Tivah Aluminium Titanium

- Titanium Coloured Aluminium
- Includes a matching aluminium backing plate
- High output reflector to maximise light
- IP Rating: IP65

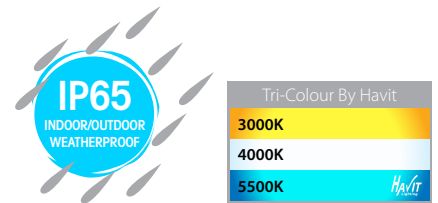
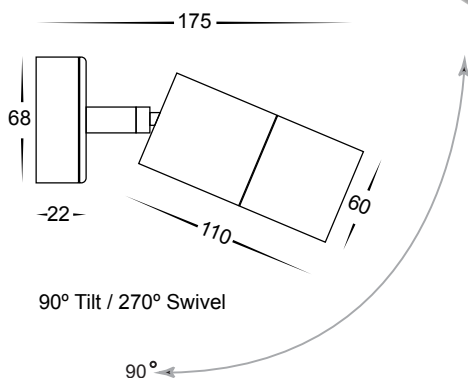


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1085T	3000K 4000K 5500K	2x 240-560lm 2x 255-595lm 2x 270-630lm	240v	9 in 1 Tri-Colour 2x 3/5/7w GU10 LED
	HV1087GU10T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1087MR16T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1185T	3000K 4000K 5500K	240-560lm 255-595lm 270-630lm	240v	9 in 1 Tri-Colour 3/5/7w GU10 LED
	HV1187GU10T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1187MR16T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Single Adjustable



Double Adjustable

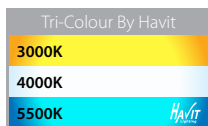
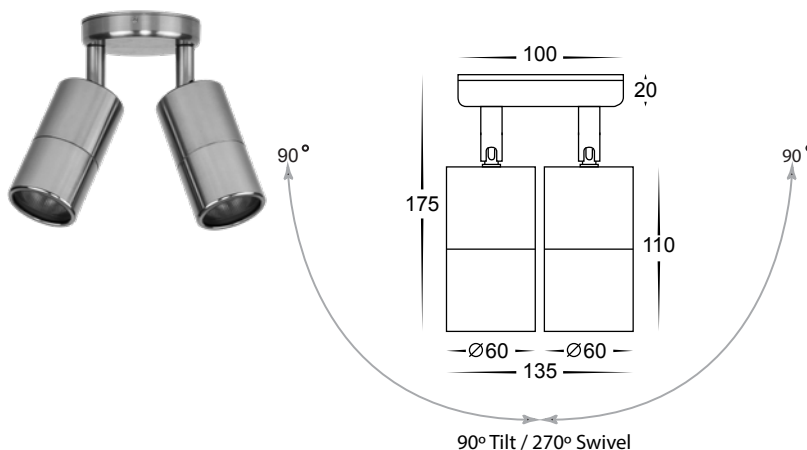
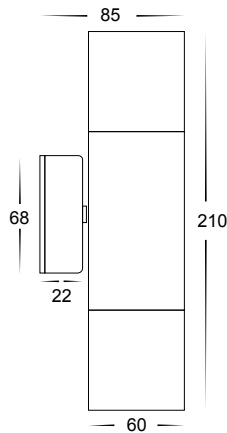
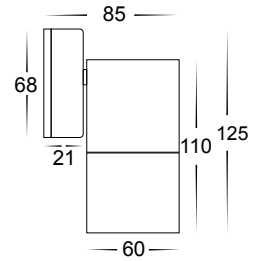


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1285T	3000K 4000K 5500K	240-560lm 255-595lm 270-630lm	240v	9 in 1 Tri-Colour 3/5/7w GU10 LED
	HV1287GU10T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1287MR16T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1385T	3000K 4000K 5500K	2x 240-560lm 2x 255-595lm 2x 270-630lm	240v	9 in 1 Tri-Colour 2x 3/5/7w GU10 LED
	HV1387GU10T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1387MR16T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Up & Down



Fixed Down

Tivah Antique Brass

- Solid Brass With Antique Brass Finish
- Includes a matching brass backing plate
- High output reflector to maximise light
- IP Rating: IP65

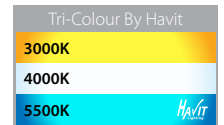
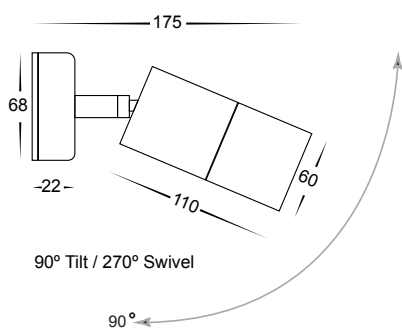


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1095T	3000K 4000K 5500K	2x 240-560lm 2x 255-595lm 2x 270-630lm	240v	9 in 1 Tri-Colour 2x 3/5/7w GU10 LED
	HV1097GU10T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1097MR16T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1195T	3000K 4000K 5500K	240-560lm 255-595lm 270-630lm	240v	9 in 1 Tri-Colour 3/5/7w GU10 LED
	HV1197GU10T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1197MR16T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Single Adjustable



Double Adjustable

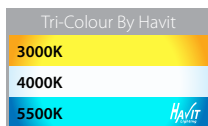
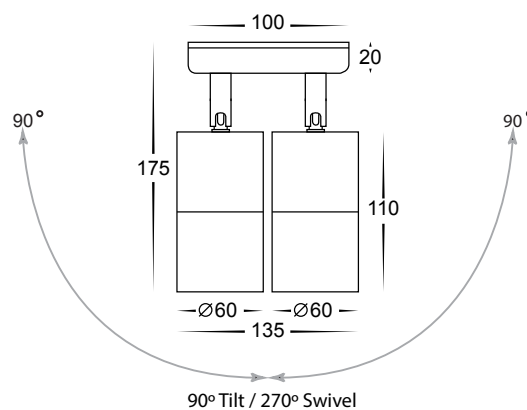
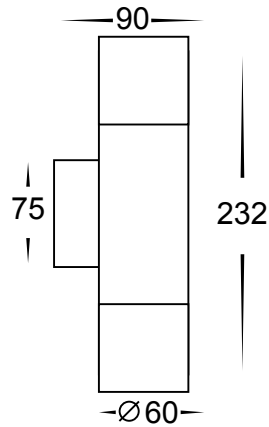


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1295T	3000K 4000K 5500K	240-560lm 255-595lm 270-630lm	240v	9 in 1 Tri-Colour 3/5/7w GU10 LED
	HV1297GU10T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1297MR16T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1395T	3000K 4000K 5500K	2x 240-560lm 2x 255-595lm 2x 270-630lm	240v	9 in 1 Tri-Colour 2x 3/5/7w GU10 LED
	HV1397GU10T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1397MR16T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



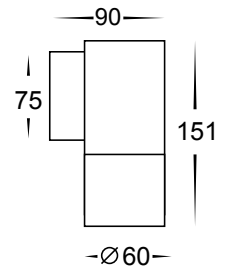
Up & Down



* Base width 46mm



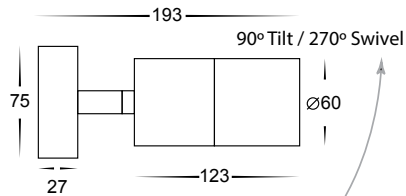
Fixed Down



* Base width 46mm



Single Adjustable



* Base width 46mm

Piaz Stainless Steel

- High Grade 304 Stainless Steel
- IP Rating: IP54



HV9506

Compatible with
Tri-Colour 9in1
3w, 5w, 7w
LED Globe

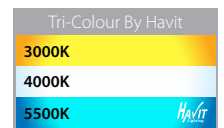
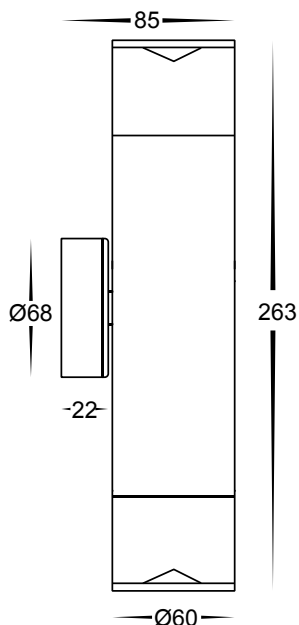


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1071T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1171T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1271T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



**Titanium
Aluminium**



**Black
Aluminium**

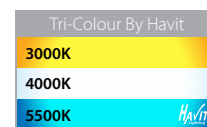
Highlite Aluminium

- Titanium Coloured Aluminium and Aluminium Poly Powder Coated Black
- Includes a matching aluminium backing plate
- High grade perspex reflector lens
- IP Rating: IP65







HV9506

**Compatible with
Tri-Colour 9in1
3w, 5w, 7w
LED Globe**



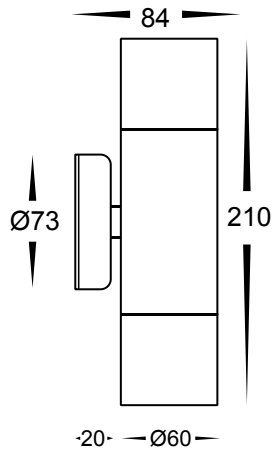
Suitable for use with LED globes only

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1089T-TTM-240V	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	 Tri-Colour 2x 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1089T-BLK-240V	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	 Tri-Colour 2x 5w GU10 LED

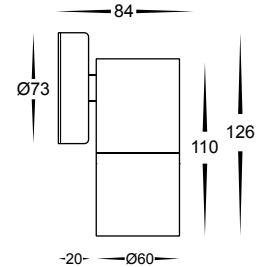
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Up & Down



Fixed Down



Fortis Stainless Steel

- High Grade 304 Stainless Steel
- IP Rating: IP54



HV9506

Compatible with
Tri-Colour 9in1
3w, 5w, 7w
LED Globe

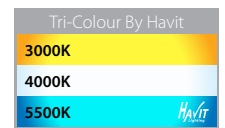
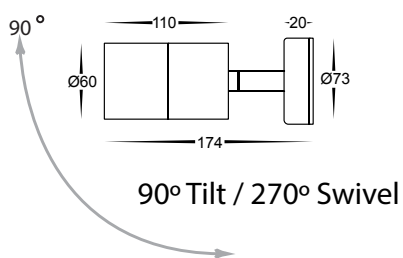


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1072T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1172T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED

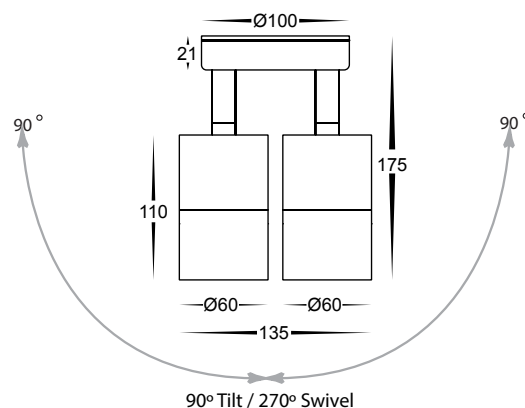
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Single Adjustable



Double Adjustable



**Compatible with
Tri-Colour 9in1
3w, 5w, 7w
LED Globe**

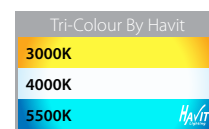


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1272T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1372T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



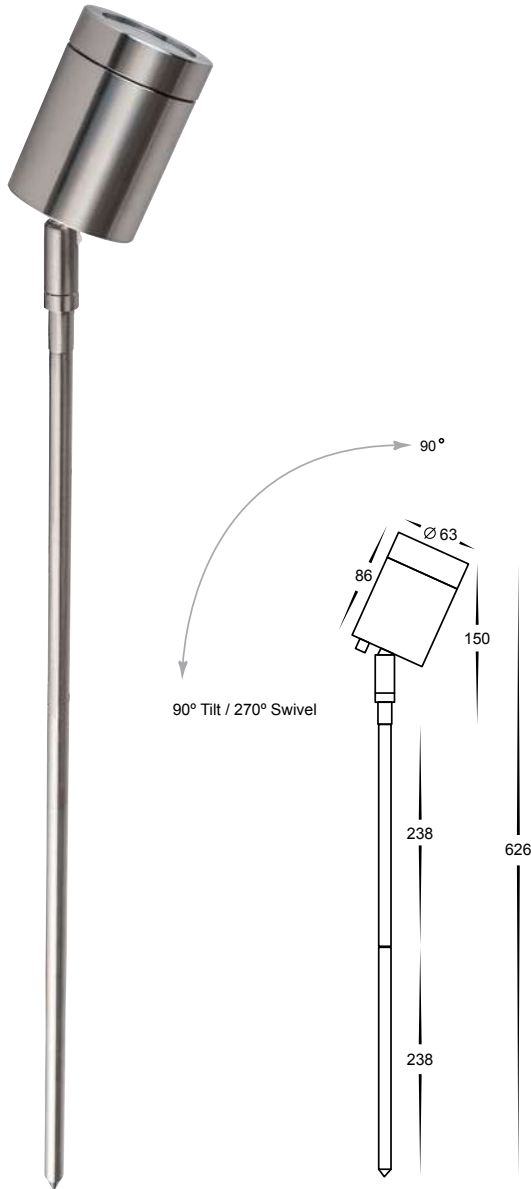
Lighting by Havit

Outdoor Spike Lights By Havit



Pointe 316 Stainless Steel

- Single adjustable spike spotlight
- Stainless Steel 316 Marine Grade
- 2x 238mm spike length (total 476mm)
- 2m reinforced cable
- IP Rating: IP65



Compatible with
Tri-Colour 9in1
 3w, 5w, 7w
 12v or 24v LED Globe

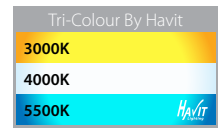


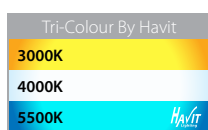


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1401T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	 Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Eden 316 Stainless Steel

- Single adjustable spike spotlight
- Stainless Steel 316 Marine Grade
- 245mm spike length
- 2m reinforced cable
- IP Rating: IP65



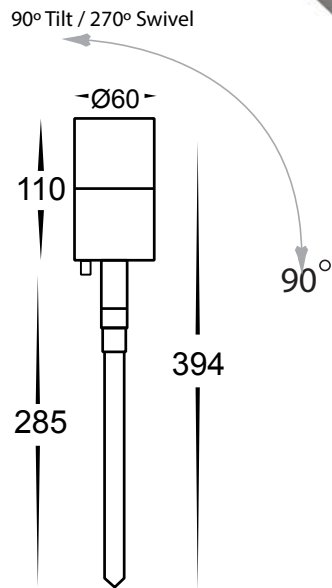
Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1402T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Fortis Stainless Steel

- Single adjustable spike spotlight
- High Grade 304 Stainless Steel
- 285mm spike length
- IP Rating: IP54



Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe

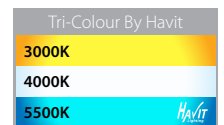


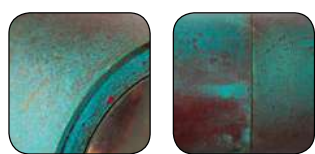


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1409T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	 Tri-Colour 5w MR16 LED

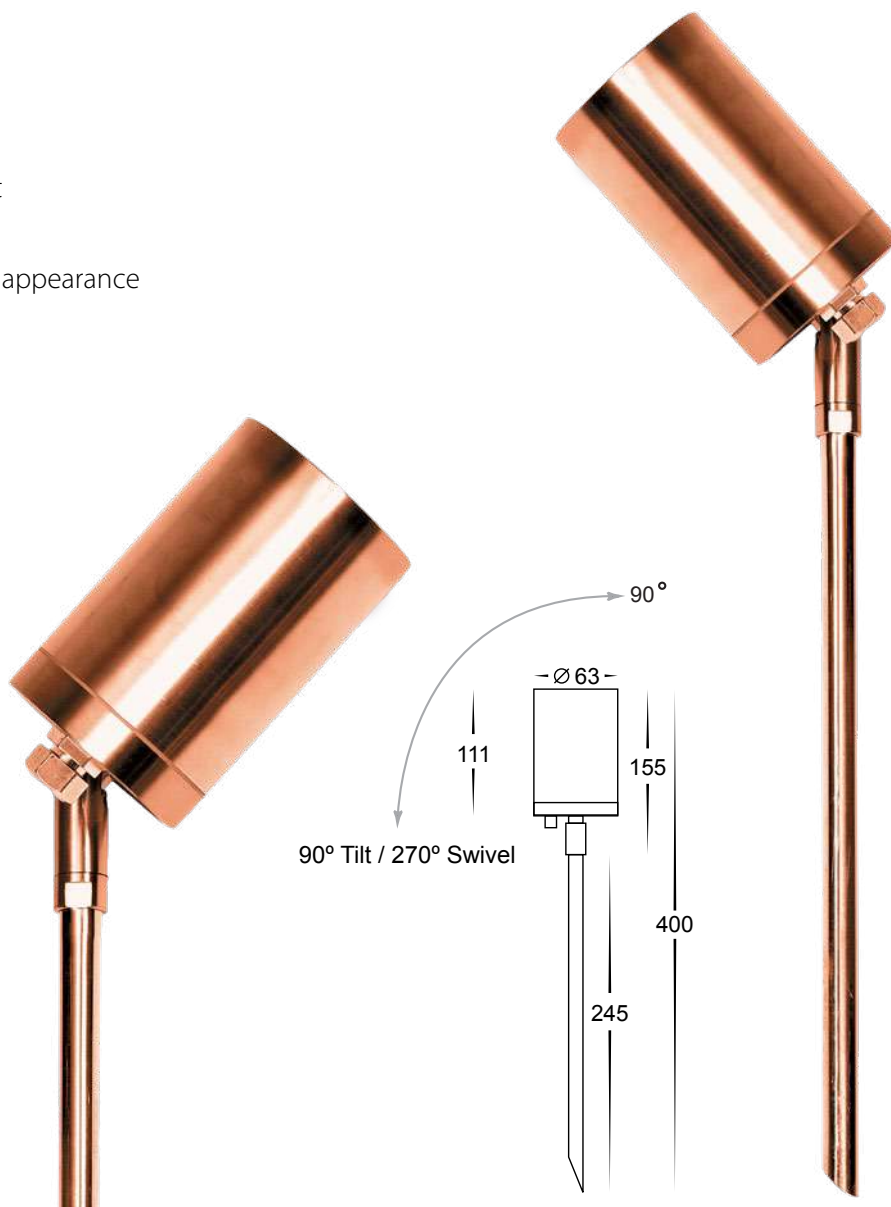
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Eden Copper

- Single adjustable spike spotlight
- Solid Copper
- Fast weathering for classic aged appearance
- Spike length: 245mm
- 2m reinforced cable
- IP Rating: IP65



Weathered Copper



Compatible with Tri-Colour 9in1 3w, 5w, 7w 12v or 24v LED Globe

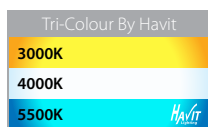


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1412T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



**Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe**

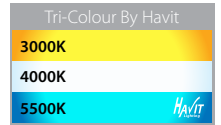
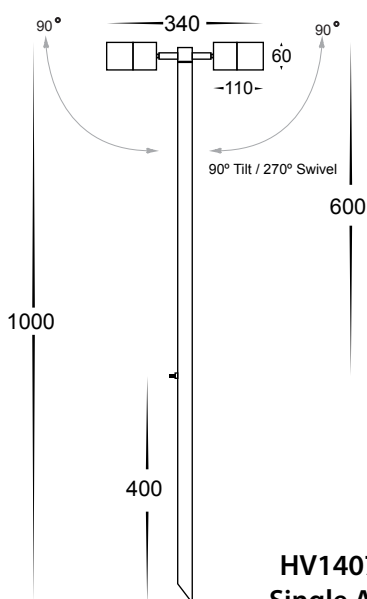
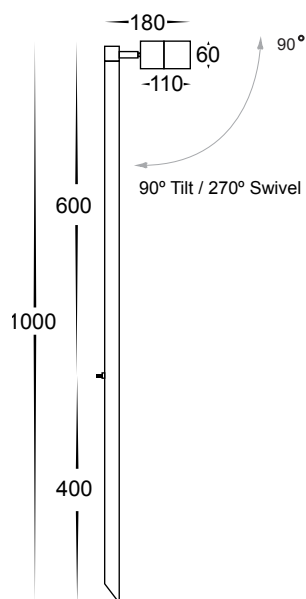
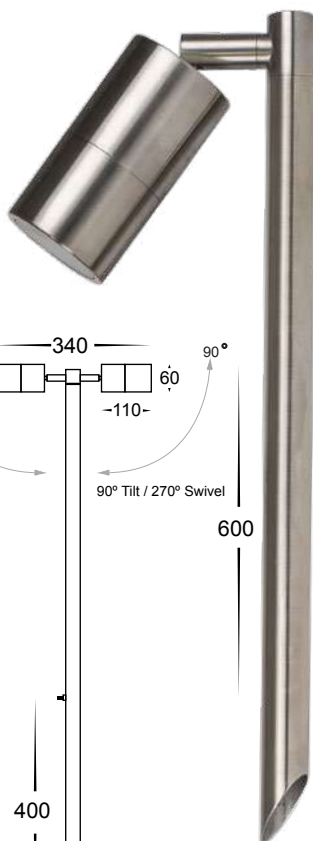
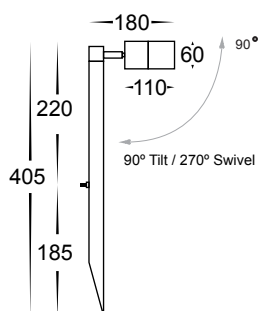


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1403T-SS316	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1405T-SS316	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1407T-SS316	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Tivah 316 Stainless Steel

- Adjustable spike spotlight
- Stainless Steel 316 Marine Grade
- Internal cable
- 405mm & 1000mm spike length
- 2m reinforced cable
- IP Rating: IP65



HV1407T-SS316
Single Adjustable

HV1403T-SS316
Single Adjustable

HV1405T-SS316
Double Adjustable

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



**Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe**

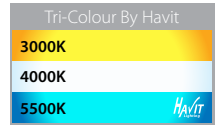
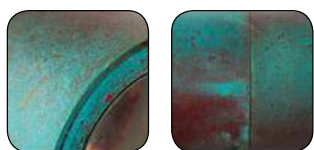


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1403T-CP	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1405T-CP	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1413T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

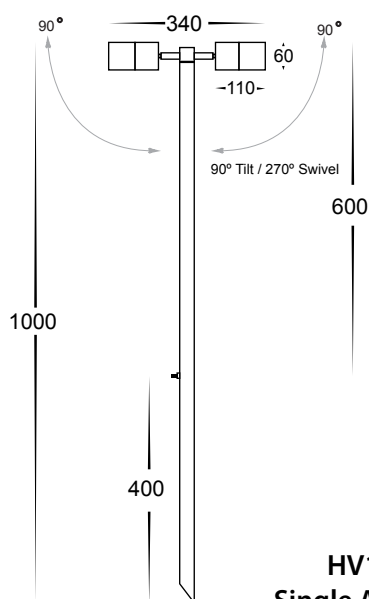
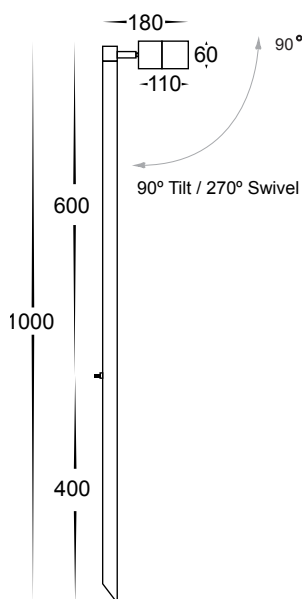
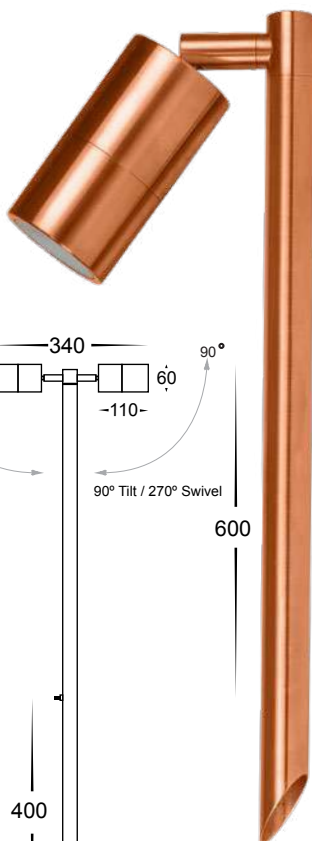
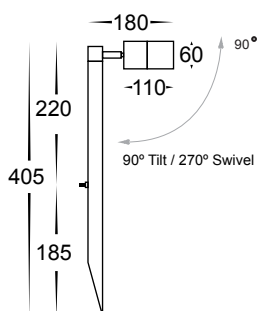
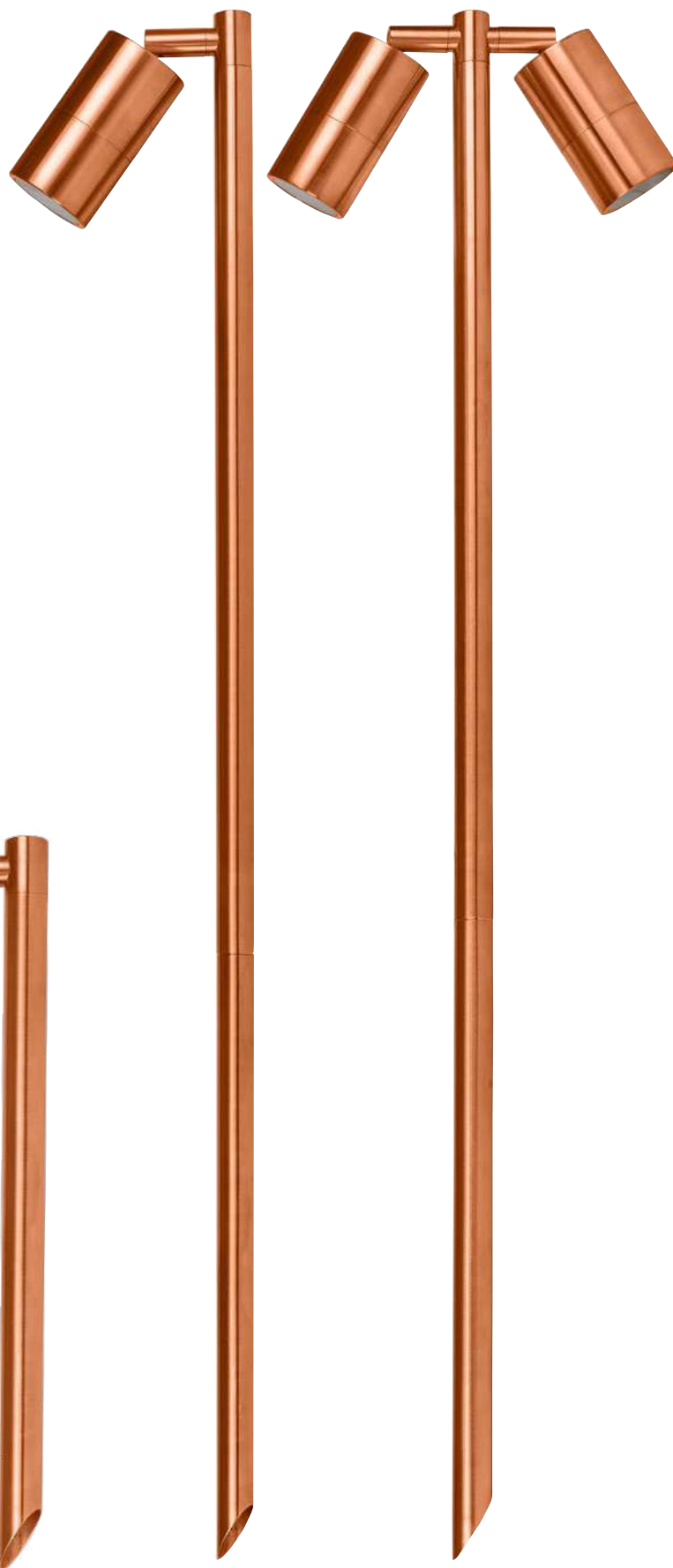
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Tivah Solid Copper

- Adjustable spike spotlight
- Solid Copper
- Fast weathering for classic aged appearance
- Internal cable
- 405mm & 1000mm spike length
- 2m reinforced cable
- IP Rating: IP65



Weathered Copper



HV1413T
Single Adjustable

HV1403T-CP
Single Adjustable

HV1405T-CP
Double Adjustable



Compatible with
Tri-Colour 9in1
 3w, 5w, 7w
 12v or 24v LED Globe

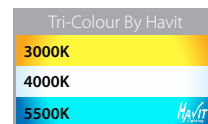




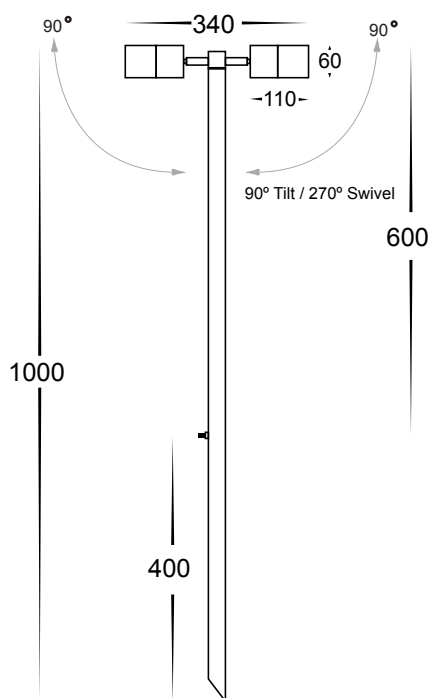
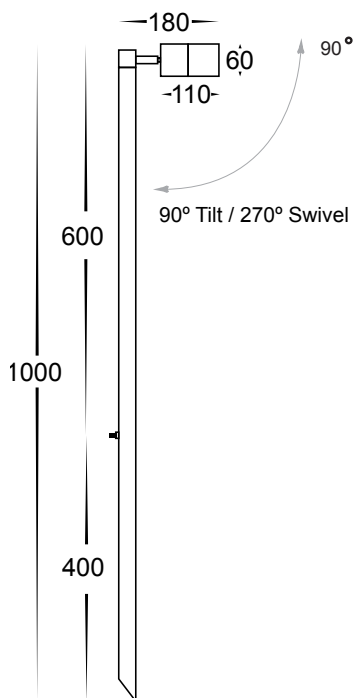
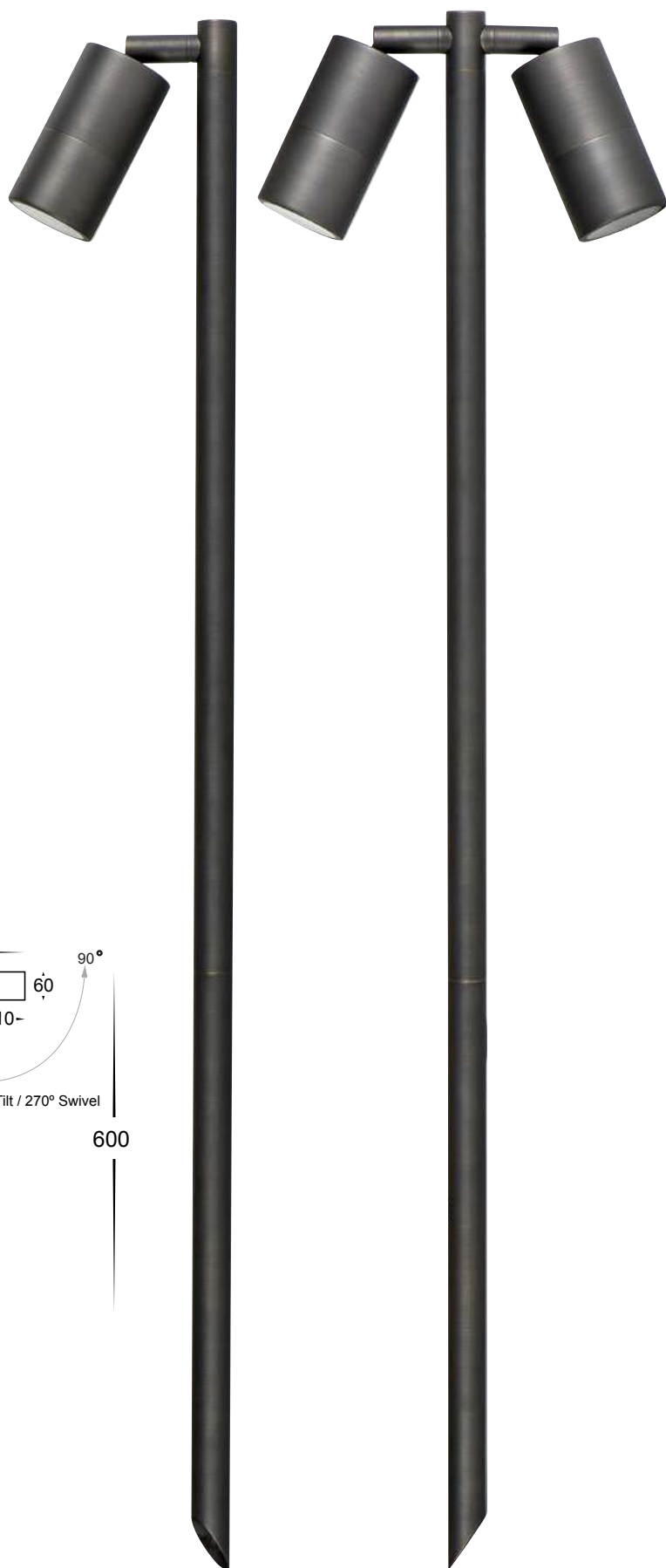


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1403T-AB	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	 Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1405T-AB	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	 Tri-Colour 2x 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Tivah Antique Brass

- Adjustable spike spotlight
- Solid Brass With Antique Brass Finish
- Internal cable
- 1000mm spike length
- 2m reinforced cable
- IP Rating: IP65

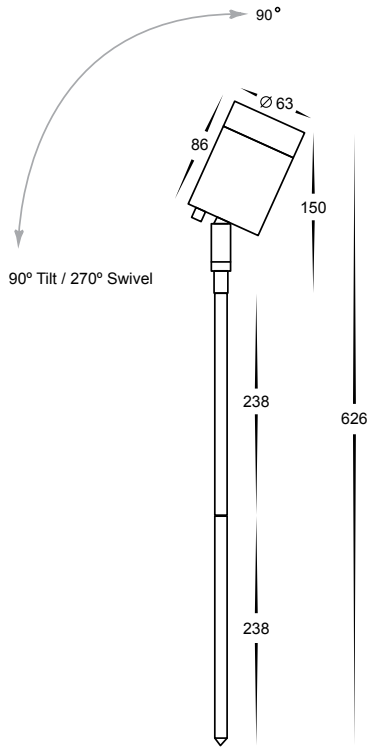


HV1403T-AB
Single Adjustable

HV1405T-AB
Double Adjustable

Pointe Aluminium Black

- Single adjustable spike spotlight
- Aluminium Poly Powder Coated Black
- 2x 238mm spike length (total 476mm)
- 2m reinforced cable
- IP Rating: IP65



Compatible with
Tri-Colour 9in1
 3w, 5w, 7w
 12v or 24v LED Globe

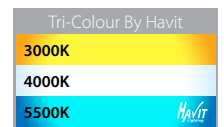
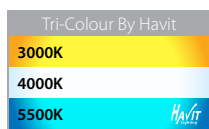


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1421T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Tivah Aluminium Black

- Single adjustable spike spotlight
- Aluminium Poly Powder Coated Black
- 285mm spike length
- 2m reinforced cable
- IP Rating: IP65



Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1427T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



**Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe**

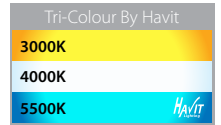
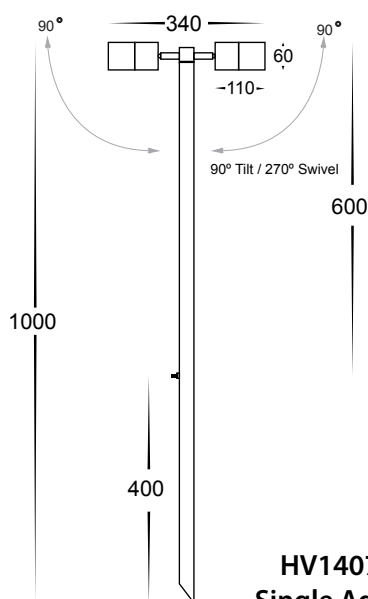
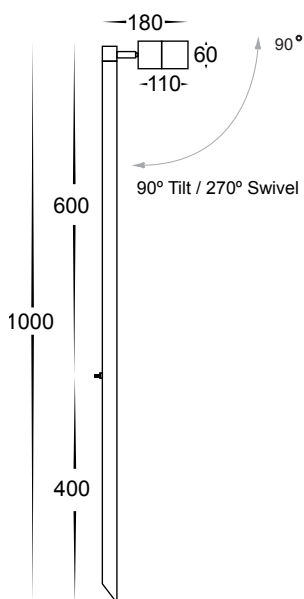
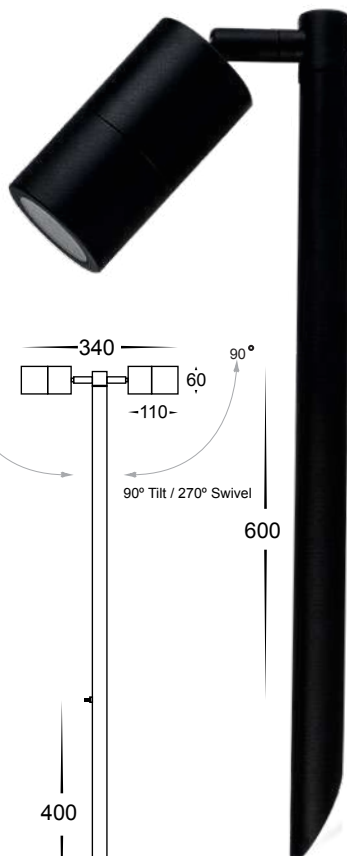
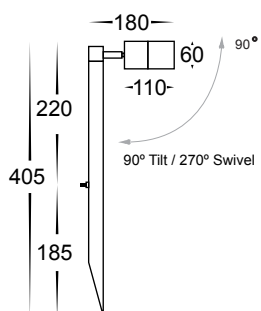
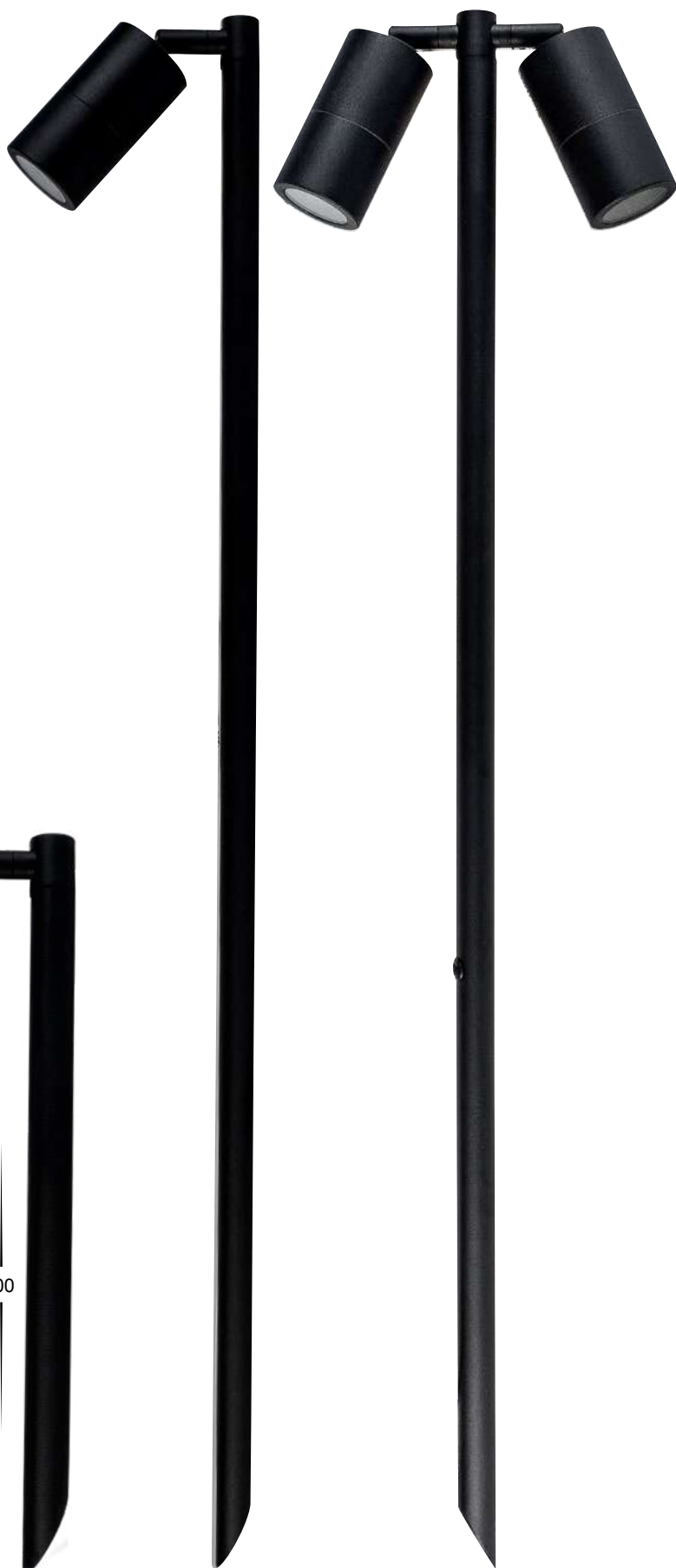


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1423T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1425T	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1407T-BLK	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Tivah Aluminium Black

- Adjustable spike spotlight
- Aluminium Poly Powder Coated Black
- Internal cable
- 405mm & 1000mm spike length
- 2m reinforced cable
- IP Rating: IP65



HV1407T-BLK
Single Adjustable

HV1423T
Single Adjustable

HV1425T
Double Adjustable

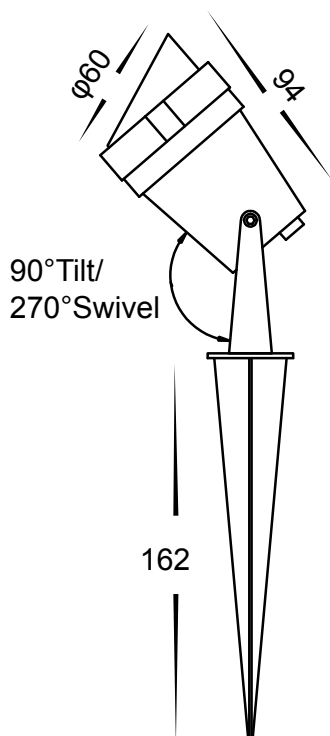


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1428C	5500K	320lm	12v DC	Built in 3w COB
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1428N	4000k	300lm	12v DC	Built in 3w COB
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1428W	3000K	275lm	12v DC	Built in 3w COB

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Spitze Aluminium Black

- Single adjustable spike spotlight
- Aluminium Poly Powder Coated Black
- Spike length: 162mm
- 1m reinforced cable
- IP Rating: IP65



HV1428C
HV1428N
HV1428W
Single Adjustable

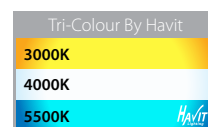


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1429C-7W	5500K	595lm	12v DC	Built-in 7w COB
	HV1429W-7W	3000k	560lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1429C-12W	5500K	1080lm	12v DC	Built-in 12w COB
	HV1429W-12W	3000k	960lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1429T-24W	3000K 4000K 5500K	1900lm 1970lm 2040lm	12v DC	Tri-Colour Built-in 24w COB

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

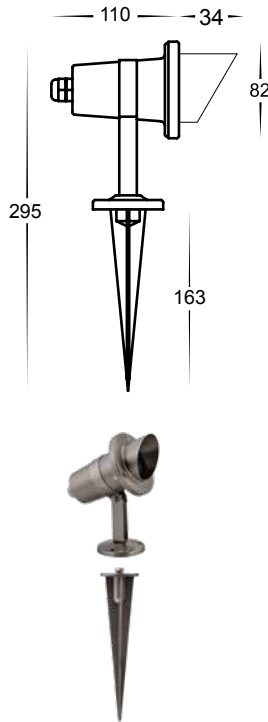
Oasis Aluminium Black

- Single adjustable spike spotlight
- Aluminium Poly Powder Coated Black
- Spike length: 260mm
- 1m reinforced cable
- IP Rating: IP65

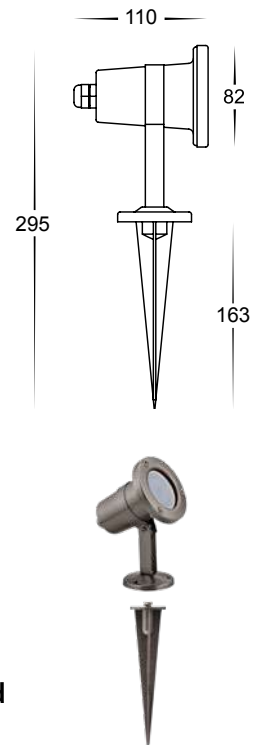




HV1431T
Spike and surface mounted
with hood



HV1432T
Spike and surface mounted



Kap 316 Stainless Steel

- Spike and surface mounted spot light with hood
- Stainless Steel 316 Marine Grade
- 400mm reinforced cable
- IP Rating: IP66

Stahl 316 Stainless Steel

- Spike and surface mounted spot light
- Stainless Steel 316 Marine Grade
- 400mm reinforced cable
- IP Rating: IP66



Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe

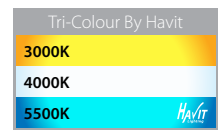






IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1431T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	 Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1432T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	 Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Vidro 316 Stainless Steel

- Garden spike light
- Stainless Steel 316 Marine Grade
- IP Rating: IP44
- Garden spike light 6 pack Kit Includes:
 - 6x single spike lights
 - 15m of Cable
 - 6x 1.5w LED globes
 - 1x LED driver

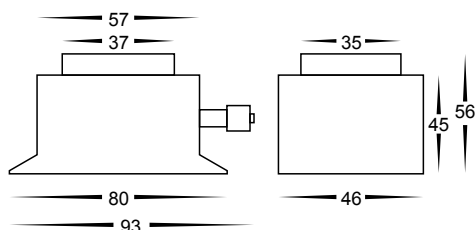
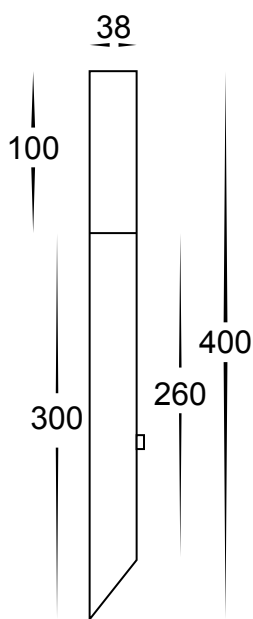


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1437C	5500K	110lm	12v DC	1.5w G4 SMD Bi pin
	HV1437W	3000k	90lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1438C	5500K	6x 110lm	12v DC	6 x 1.5w G4 Bi pin + driver
	HV1438W	3000k	6x 90lm		

Max 2 additional fittings (HV1437) can be added to the kit(HV1438). Total 8 fittings with supplied driver. Larger kits can be configured using alternate Havit LED drivers.

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe

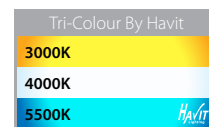
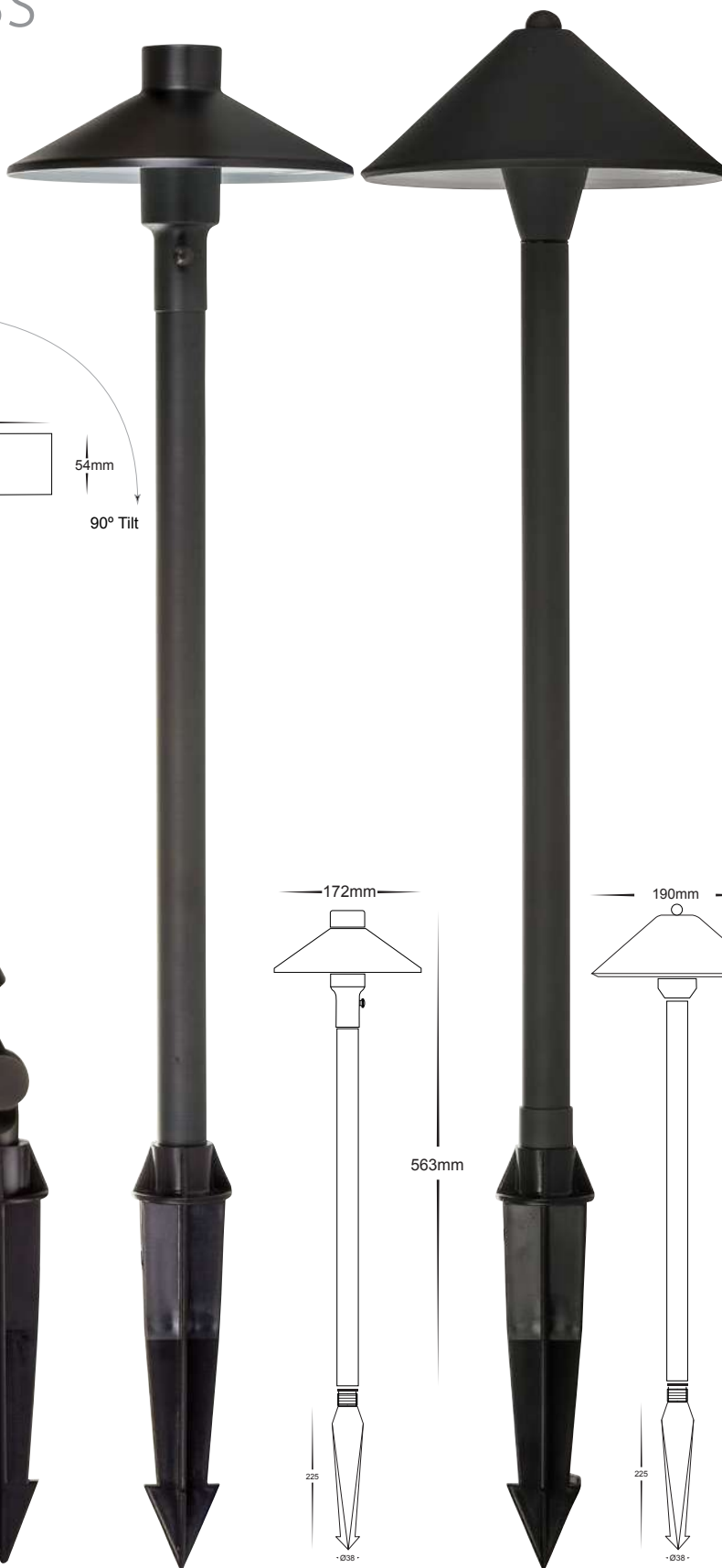
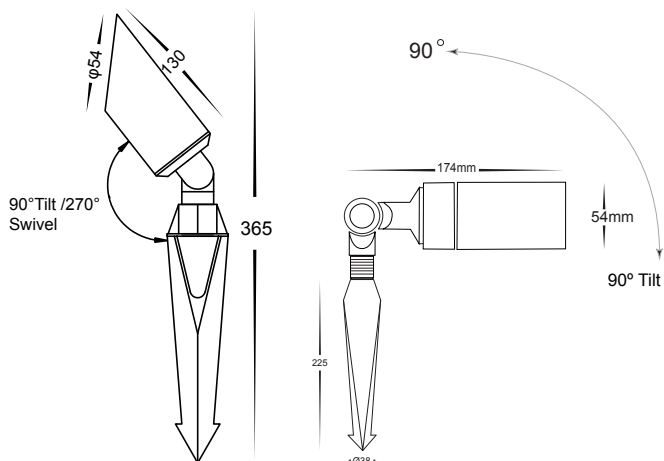


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1458T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
	HV1451T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
	HV1454C	5500K	260lm	12v DC	3.2w G4 SMD Bi pin
	HV1454W	3000k	240lm		
	HV1455C	5500K	260lm	12v DC	3.2w G4 SMD Bi pin
	HV1455W	3000k	240lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Antique Brass

- Garden lights with spike
- Solid Brass With Antique Brass Finish
- Spike length: 225mm
- 1m reinforced cable
- IP Rating: IP54



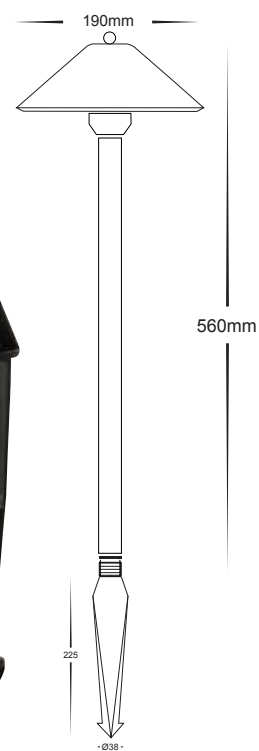
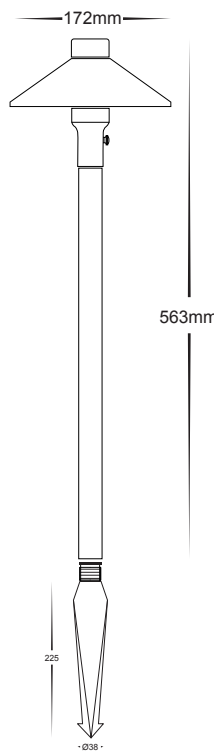
HV1458T
Shawl



HV1451T
Laiton



HV1454
Antic

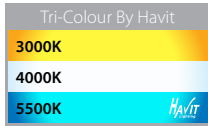


HV1455
Forn

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Nova Aluminium Black

- Single adjustable spike spotlight
- Aluminium Poly Powder Coated Black
- Spike length: 170mm
- 1m reinforced cable
- IP Rating: IP65



Compatible with Tri-Colour 9in1 3w, 5w, 7w 12v or 24v LED Globe

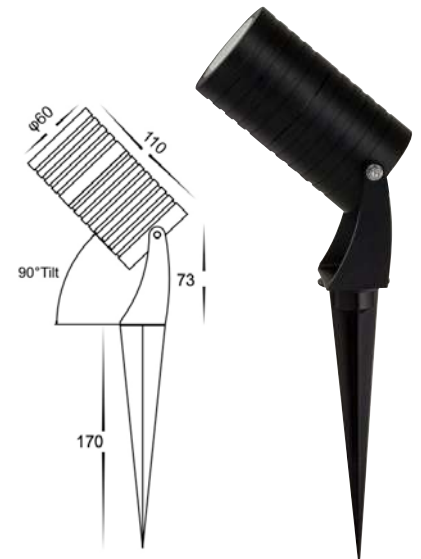
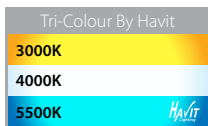


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1462T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

Tivah Coloured Aluminium

- Single adjustable spike spotlight
- Titanium Coloured Aluminium
- Spike length: 2 x 238mm (total 476mm)
- 2m reinforced cable
- IP Rating: IP65



Compatible with Tri-Colour 9in1 3w, 5w, 7w 12v or 24v LED Globe

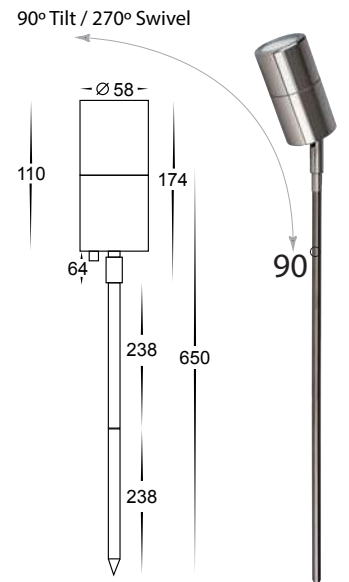
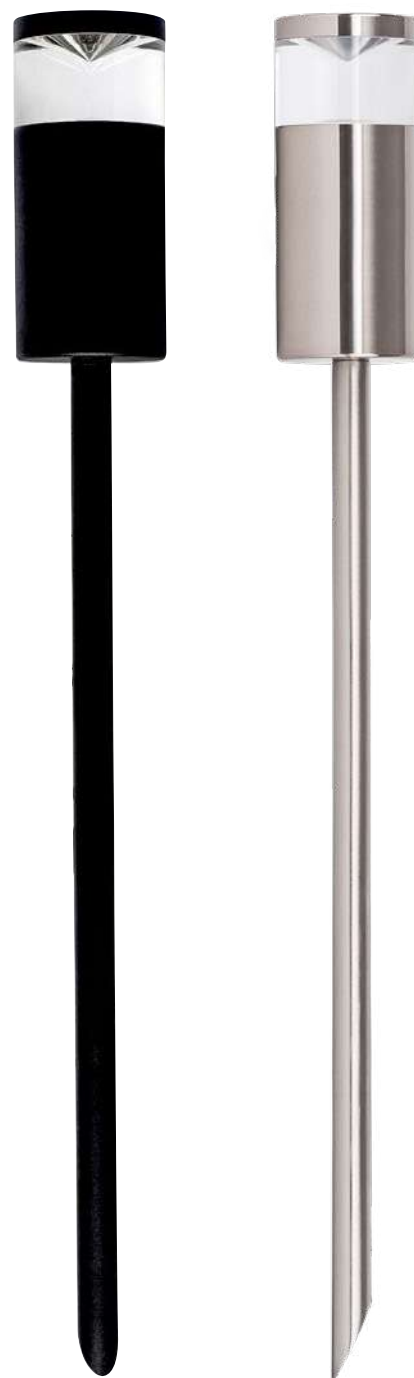
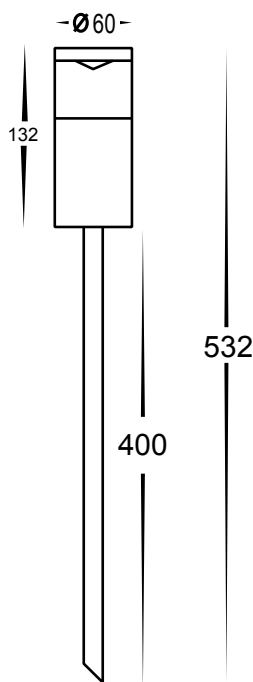
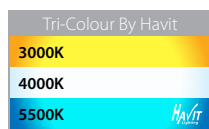


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1487T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Highlite Aluminium

- Single fixed spike light
- Titanium Coloured Aluminium and Aluminium Poly Powder Coated Black
- High grade perspex reflector lens
- 2m reinforced cable
- Spike length: 400mm
- IP Rating: IP65

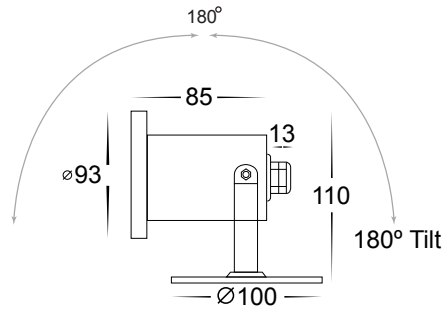


Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe

Suitable for use with LED globes only

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1489T-TTM	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1489T-BLK	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

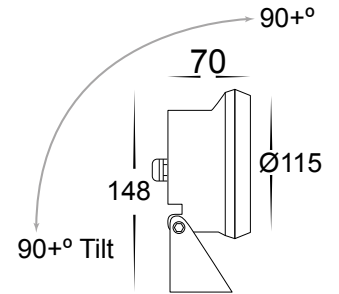
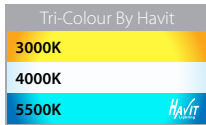


Onder 316 Stainless Steel

- Submersible pond light
- Stainless Steel 316 Marine Grade
- 6 metre cable
- IP Rating: IP68



Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe



Optional Garden Spike Available - HV350-SPK

Sotto 316 Stainless Steel

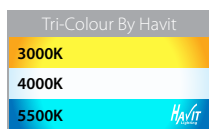
- Submersible pond light or garden light
- Stainless Steel 316 Marine Grade
- HV1494RGB must use suitable Havit RGB control gear
- 6 metre cable
- IP Rating: IP68

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1491T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1494C	5500K	975lm	12v DC	15w SMD
	HV1494W	3000k	873lm		
	HV1494RGB	RGB	NA	12v DC	15w SMD
	HV1494-REM	RGB		12v DC	Remote and Receiver
OPTIONAL ACCESSORIES					
	HV350-SPK	Optional Garden Spike to suit HV1494 Models			

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Tivah

- Double adjustable bollard spotlight
- Stainless Steel 316 Marine Grade and Aluminium Poly Powder Coated Black
- IP Rating: IP65



**Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v,24v or 240v LED Globe**

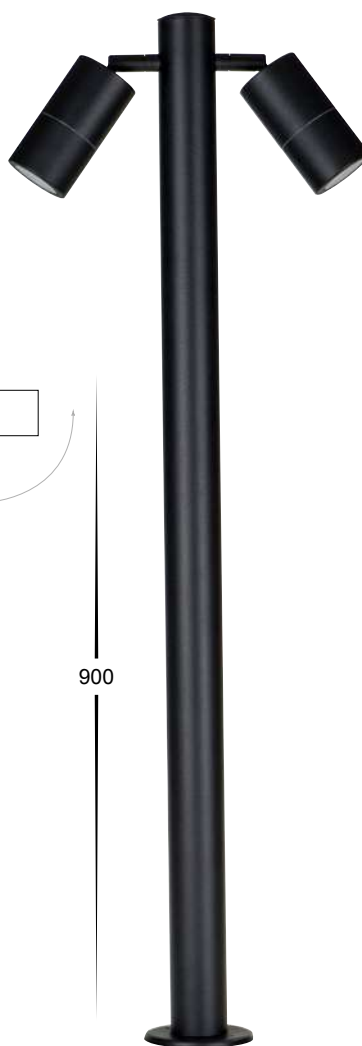
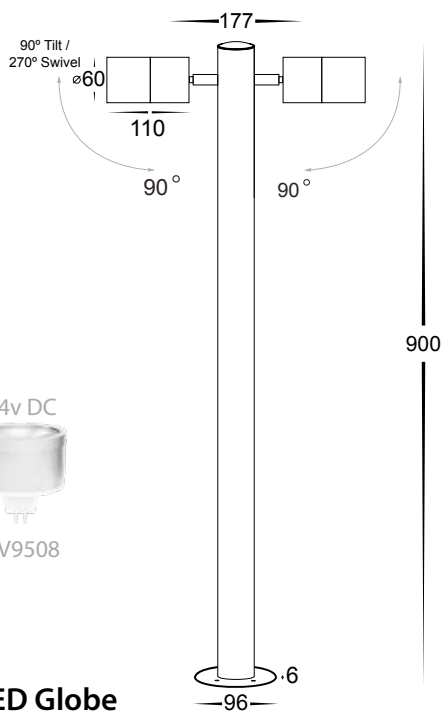


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1507T-SS316-240V	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1507T-SS316-12V	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED
	HV1507T-BLK-240V	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
	HV1507T-BLK-12V	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	12v DC	Tri-Colour 2x 5w MR16 LED

OPTIONAL ACCESSORIES

	HV1607	<ul style="list-style-type: none"> • Bollard spike • High grade stainless steel • 400mm Length • Includes stainless steel base plate 	
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All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Lighting by Havit



Outdoor Bollards By Havit





**Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v,24v or 240v LED Globe**

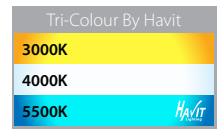


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1601T-SS316	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1602T-SS316	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
	HV1601T-BLK	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1602T-BLK	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
	HV1601T-TTM	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1602T-TTM	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
	HV1601T-AB	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV1602T-AB	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

OPTIONAL ACCESSORIES

	HV1603-SS316	<ul style="list-style-type: none"> • Highlite bollard extension • 380mm total extension height • IP Rating: As per fitting used • Up to 2 extensions can be used 	
	HV1603-BLK		
	HV1603-TTM		
	HV1603-AB		
	HV1607	<ul style="list-style-type: none"> • Bollard spike • High grade stainless steel • 400mm Length • Includes stainless steel base plate 	

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



**316
Stainless Steel
(SS316)**

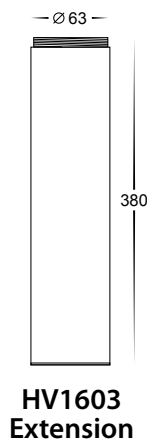
**Black
Aluminium
(BLK)**

**Titanium
Aluminium
(TTM)**

**Antique
Brass
(AB)**

Highlite

- LED bollard light
- High grade perspex reflector lens
- 2m reinforced cable
- 445mm height
- Raised lamp height to maximise light output
- IP Rating: IP54



**HV1603
Extension**



Shown With Optional Extension

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



**Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe**

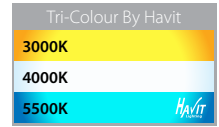
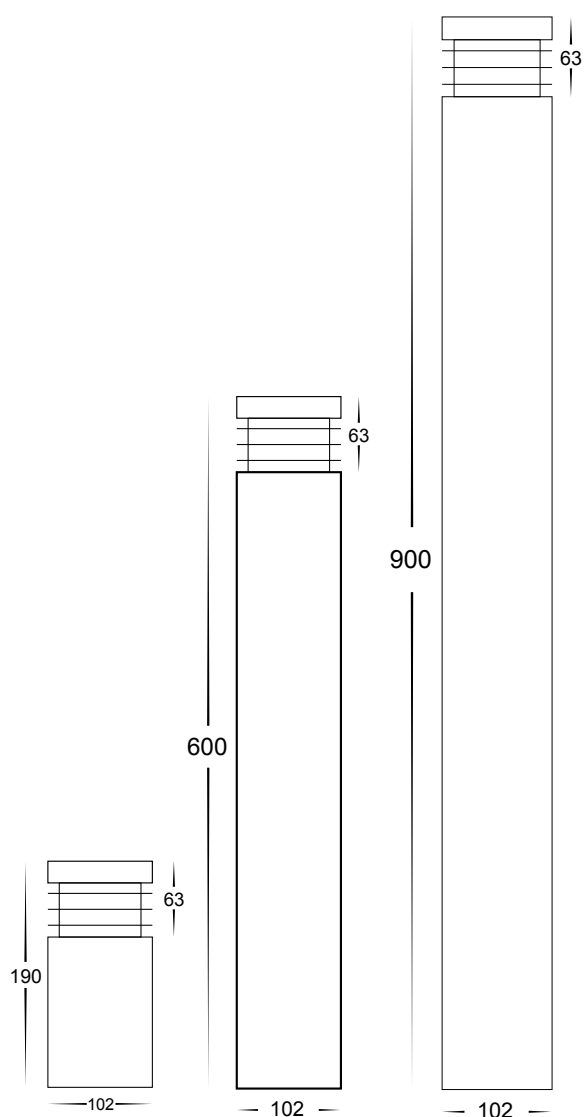


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1605T-SS316-240V	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV1605T-SS316-12V	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1606T-SS316-240V	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV1606T-SS316-12V	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1608T-SS316-240V	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV1608T-SS316-12V	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
OPTIONAL ACCESSORIES					
	HV1607	<ul style="list-style-type: none"> • Bollard spike • High grade stainless steel • 400mm Length • Includes stainless steel base plate 			

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Mini & Maxi 316 Stainless Steel

- Stainless Steel 316 Marine Grade
- Opal diffuser
- 190mm, 600mm & 900mm height
- IP Rating: IP54



Mini
HV1605T-SS316



Maxi 600
HV1606T-SS316



Maxi 900
HV1608T-SS316

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



**Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe**

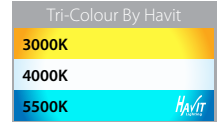


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1605T-BLK-240V	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV1605T-BLK-12V	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1606T-BLK-240V	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV1606T-BLK-12V	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1608T-BLK-240V	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV1608T-BLK-12V	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

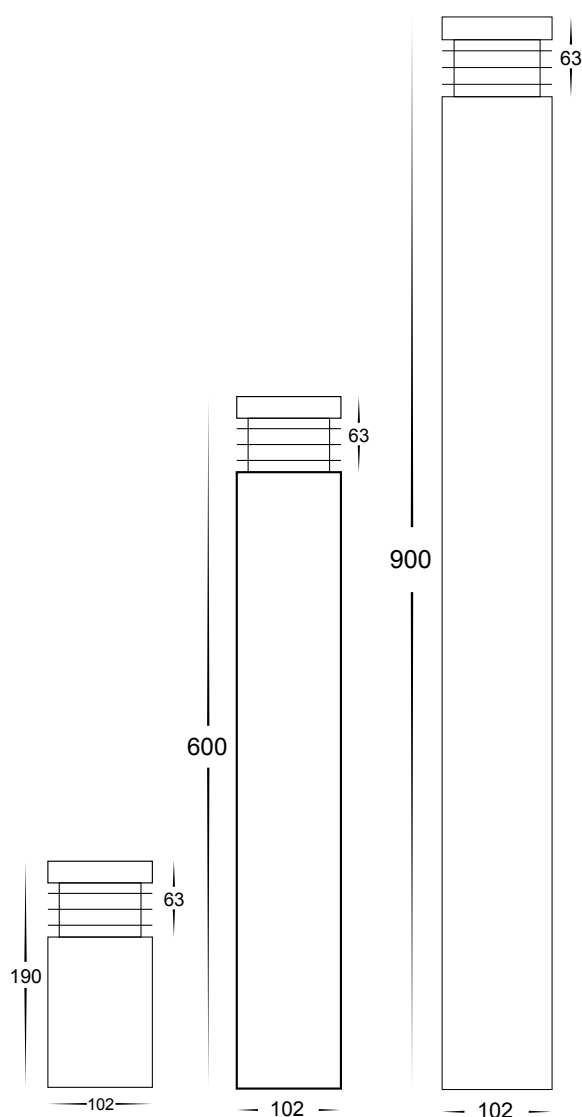
OPTIONAL ACCESSORIES

	HV1607	<ul style="list-style-type: none"> • Bollard spike • High grade stainless steel • 400mm Length • Includes stainless steel base plate 	
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All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Mini & Maxi Stainless Steel Black

- Stainless Steel Poly Powder Coated Black
- Opal diffuser
- 190mm, 600mm & 900mm height
- IP Rating: IP54



Mini
HV1605T-BLK



Maxi 600
HV1606T-BLK



Maxi 900
HV1608T-BLK

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



**Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe**

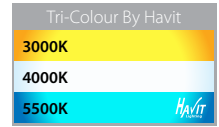
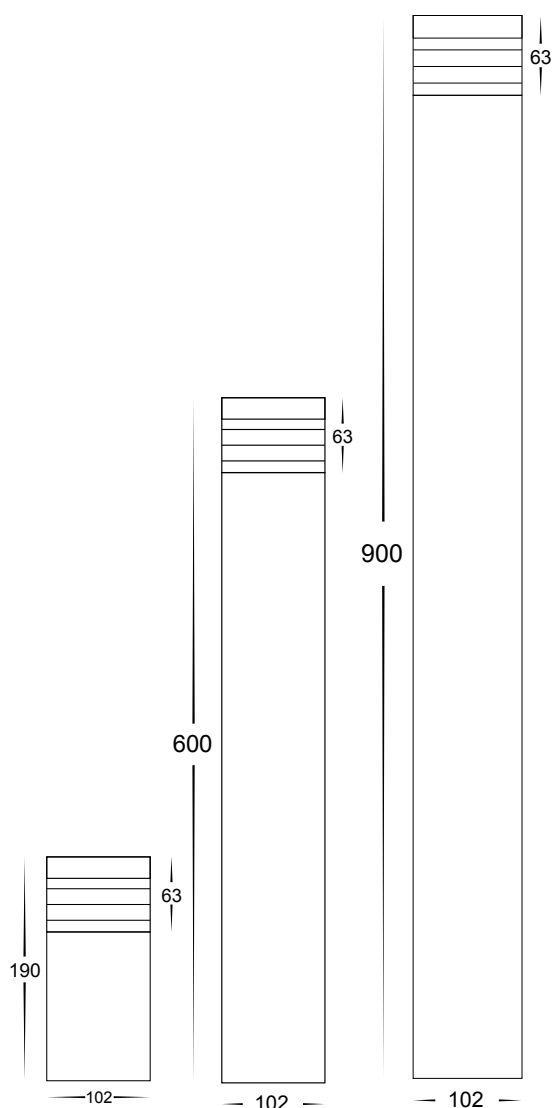


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1615T-SS316-240V	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV1615T-SS316-12V	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1616T-SS316-240V	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV1616T-SS316-12V	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1618T-SS316-240V	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV1618T-SS316-12V	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
OPTIONAL ACCESSORIES					
	HV1607	<ul style="list-style-type: none"> • Bollard spike • High grade stainless steel • 400mm Length • Includes stainless steel base plate 			

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Mini & Maxi Louvre 316 Stainless Steel

- Stainless Steel 316 Marine Grade
- Clear diffuser with louvres
- 190mm, 600mm & 900mm height
- IP Rating: IP54



Mini Louvre
HV1615T-SS316



Maxi Louvre 600
HV1616T-SS316



Maxi Louvre 900
HV1618T-SS316

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



**Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe**



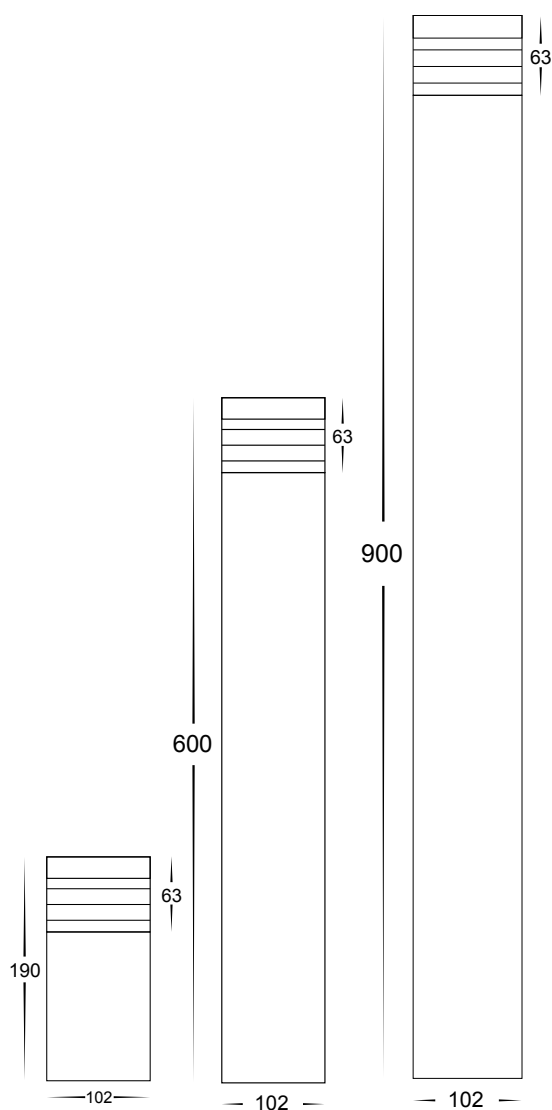
Tri-Colour By Havit	
3000K	
4000K	
5500K	

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1615T-BLK-240V	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV1615T-BLK-12V	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1616T-BLK-240V	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV1616T-BLK-12V	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1618T-BLK-240V	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV1618T-BLK-12V	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
OPTIONAL ACCESSORIES					
	HV1607	<ul style="list-style-type: none"> • Bollard spike • High grade stainless steel • 400mm Length • Includes stainless steel base plate 			

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Mini & Maxi Louvre Stainless Steel Black

- Stainless Steel Poly Powder Coated Black
- Clear diffuser with louvres
- 190mm, 600mm & 900mm height
- IP Rating: IP54



**Mini Louvre
HV1615T-BLK**



**Maxi Louvre 600
HV1616T-BLK**

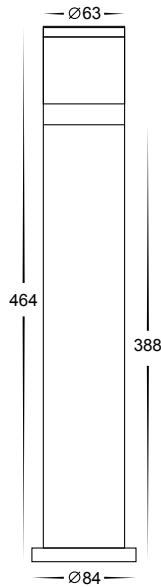


**Maxi Louvre 900
HV1618T-BLK**

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Highlite Aluminium Black

- LED Bollard light
- Aluminium Poly Powder Coated Black
- High grade perspex reflector lens
- 464mm Height
- IP Rating: IP65



HV1622T-BLK
+
HV1622-BLK-EXT

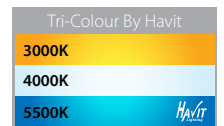
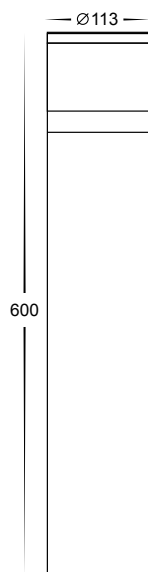
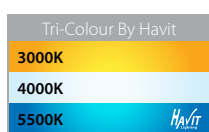


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1622T-BLK-240V	3000K	970lm	240v	Tri-Colour Built-in 12w SMD
		4000K	915lm		
		5500K	860lm		
	HV1622T-BLK-12V	3000K	970lm	12v DC	Tri-Colour Built-in 12w SMD
		4000K	915lm		
		5500K	860lm		
	HV1622-BLK-EXT			HV1607	
	<ul style="list-style-type: none"> • Bollard light extension • Aluminium Poly Powder coated black • 380mm Height • IP Rating: as per HV1622-BLK • Up to 2 extensions can be used 			<ul style="list-style-type: none"> • Bollard spike • High grade stainless steel • 400mm Length • Includes stainless steel base plate 	

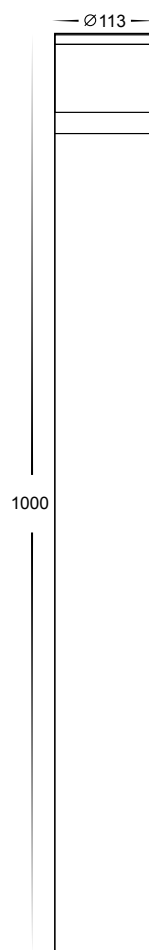
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Highlite Aluminium Black

- LED Bollard light
- Aluminium Poly Powder Coated Black
- High grade perspex lens
- Dimmable
- 600mm and 1000mm height
- IP Rating: IP65



HV1625T-BLK-240v



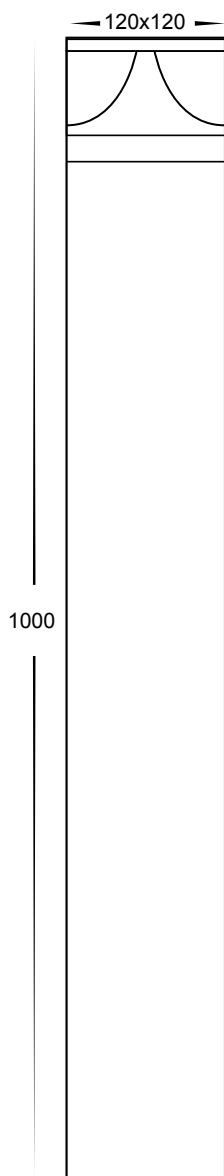
HV1626T-BLK-240v

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1625T-BLK-240V	3000K	1900lm	240v	Tri-Colour Built-in 24w SMD
		4000K	1970lm		
		5500K	2040lm		
	HV1626T-BLK-240V	3000K	1900lm	240v	Tri-Colour Built-in 24w SMD
		4000K	1970lm		
		5500K	2040lm		

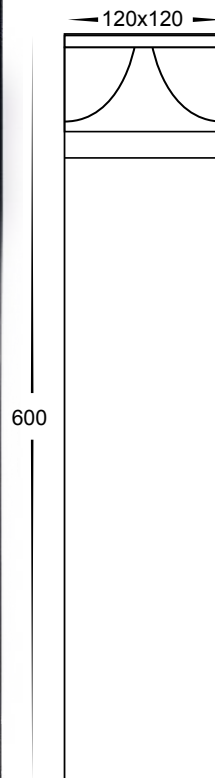
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Divad Aluminium Black

- Square LED Bollard light
- Aluminium Poly Powder Coated Black
- PC diffuser
- 600mm and 1000mm height
- IP Rating: IP65



HV1629T-BLK-240V-SQ



HV1628T-BLK-240V-SQ

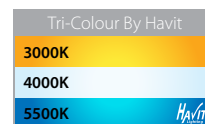
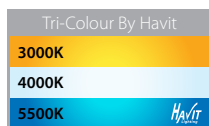
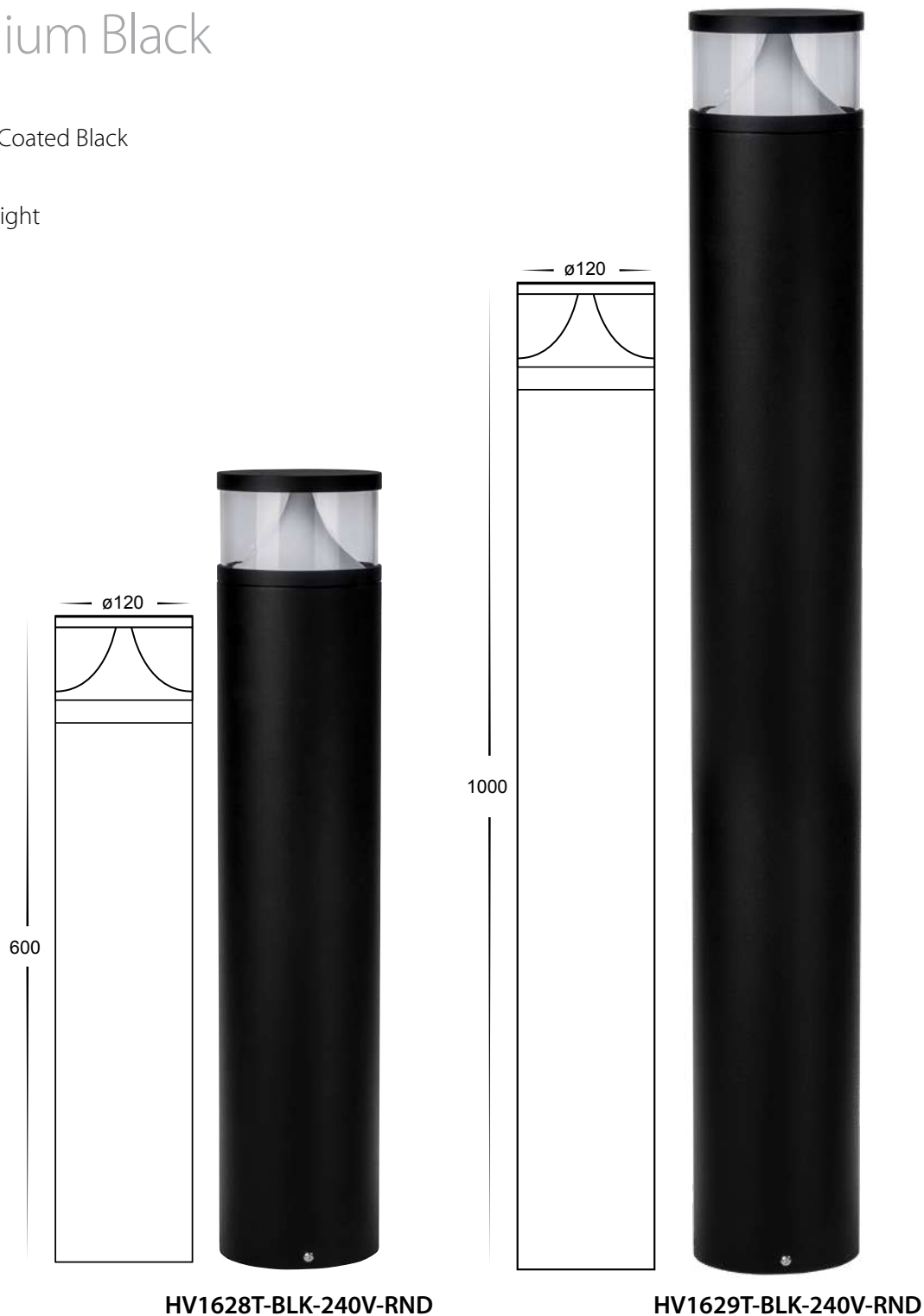


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1628T-BLK-240V-SQ	3000K	960lm	240v	Tri-Colour Built-in 12w SMD
		4000K	1020lm		
		5500K	1080lm		
	HV1629T-BLK-240V-SQ	3000K	960lm		
		4000K	1020lm		
		5500K	1080lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Divad Aluminium Black

- Round LED bollard light
- Aluminium Poly Powder Coated Black
- Glass diffuser
- 600mm and 1000mm height
- IP Rating: IP65



HV1628T-BLK-240V-RND

HV1629T-BLK-240V-RND

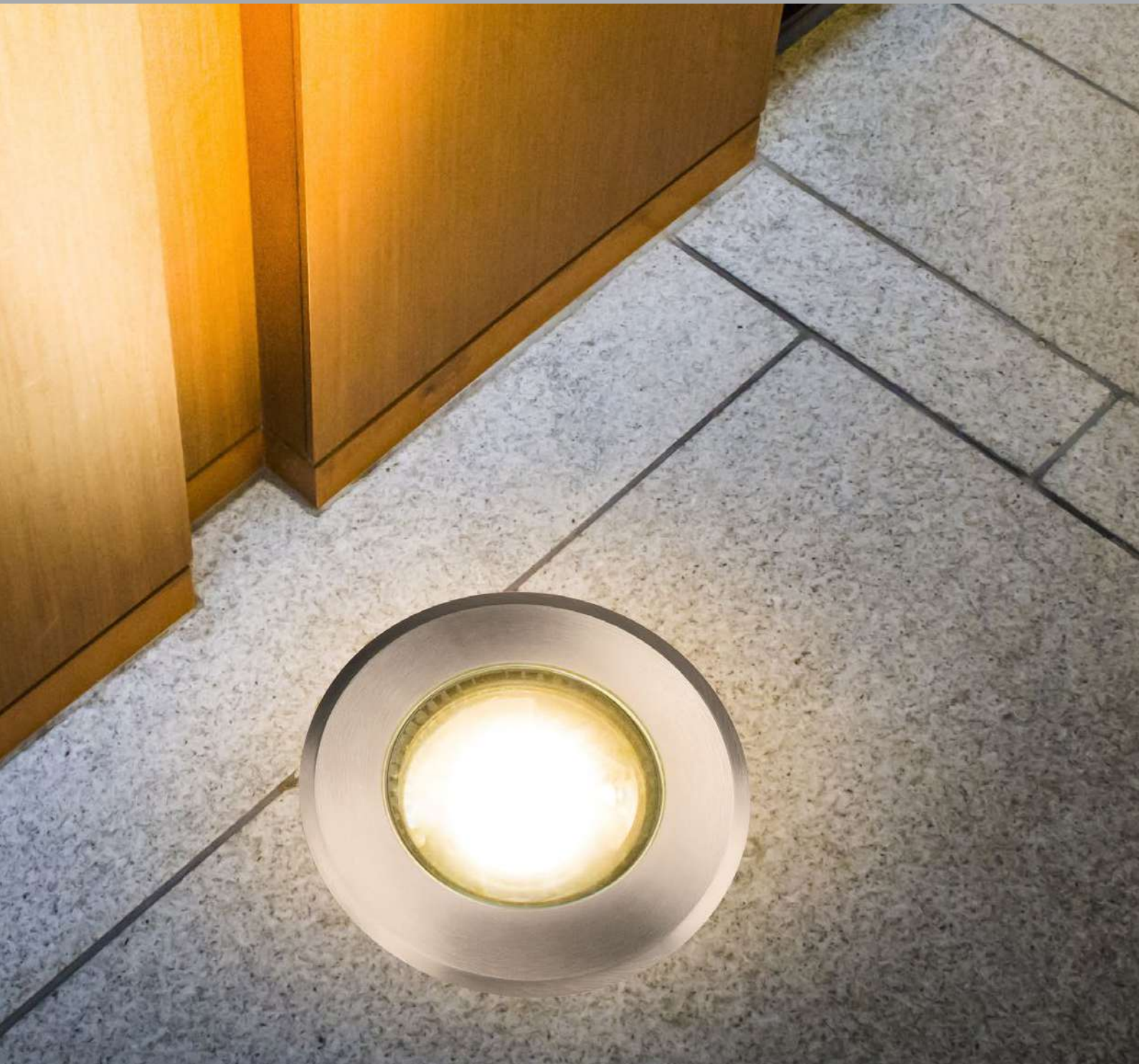
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1628T-BLK-240V-RND	3000K	960lm	240v	Tri-Colour Built-in 12w SMD
		4000K	1020lm		
		5500K	1080lm		
	HV1629T-BLK-240V-RND	3000K	960lm	240v	Tri-Colour Built-in 12w SMD
		4000K	1020lm		
		5500K	1080lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Lighting by Havit

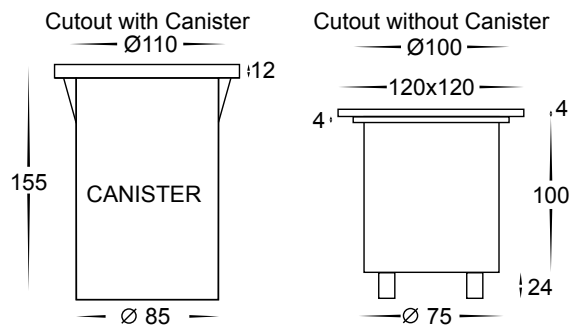
Inground & Step Lights By Havit





Metro 316 Stainless Steel

- Inground uplighter square
- Stainless Steel 316 Marine Grade cover
- Flush tempered glass
- Trafficable to 600kg
- Face: 120mm x 120mm
- Installation depth: 155mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK08
- IP Rating: IP65



Compatible with
Tri-Colour 9in1
 3w, 5w, 7w
 12v, 24v or 240v LED Globe

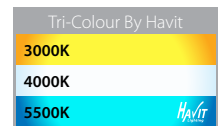
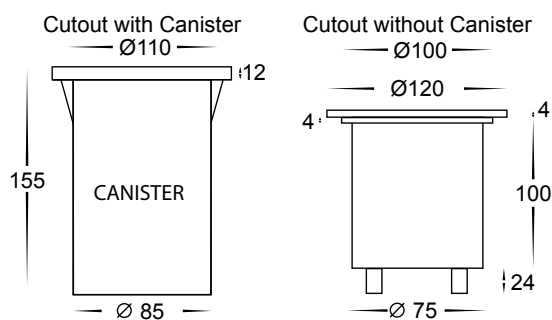


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1701T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
	HV1706T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Metro 316 Stainless Steel

- Inground uplighter round
- Stainless Steel 316 Marine Grade cover
- Flush tempered glass
- Trafficable to 600kg
- Face diameter: 120mm
- Installation depth: 155mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK08
- IP Rating: IP65



Compatible with
Tri-Colour 9in1
 3w, 5w, 7w
 12v, 24v or 240v LED Globe

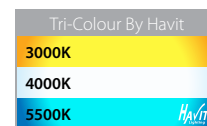


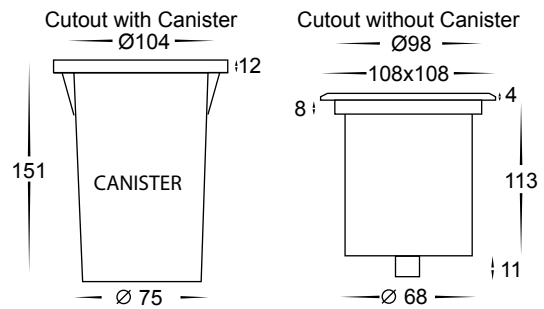
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1801T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
	HV1806T	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Luta 316 Stainless Steel

- Adjustable square inground uplighter
- Stainless Steel 316 Marine Grade cover
- 30° Tilt
- Trafficable to 500kg
- Flush Tempered glass
- Face: 108x108mm
- Installation depth needed: 160mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK10
- IP Rating: IP67



Compatible with
Tri-Colour 9in1
 3w, 5w, 7w
 12v or 24v LED Globe

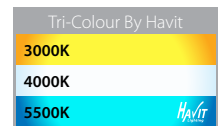
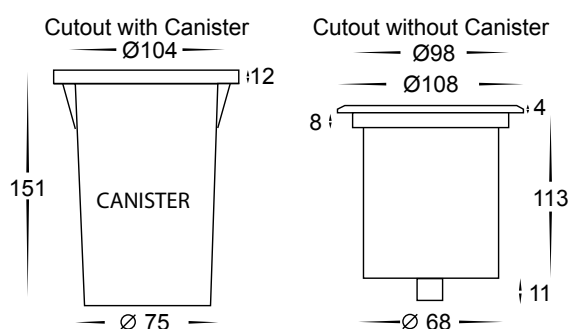
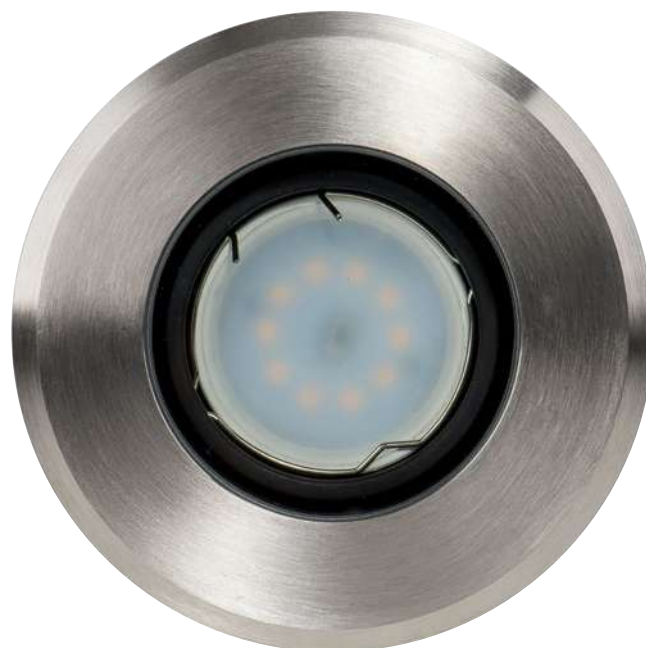


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1825T-SQ	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Luta 316 Stainless Steel

- Adjustable round inground uplighter
- Stainless Steel 316 Marine Grade cover
- 30° Tilt
- Trafficable to 500kg
- Flush Tempered glass
- Face diameter: 108mm
- Installation depth needed: 160mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK10
- IP Rating: IP67



Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe

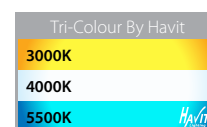


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1825T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

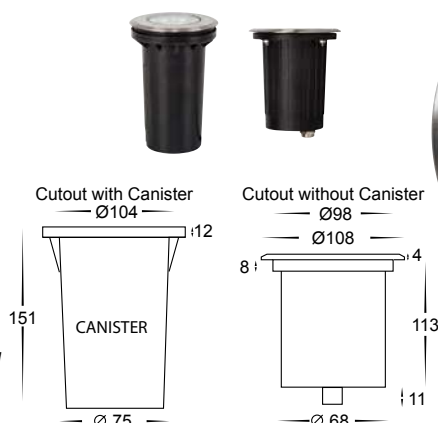
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1827C	5500K	300lm	12v DC	Built-in 3w
	HV1827W	3000k	270lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1828C	5500K	500lm	12v DC	Built-in 5w
	HV1828W	3000k	450lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1829C	5500K	1800lm	24v DC	Built-in 20w
	HV1829W	3000k	1600lm		

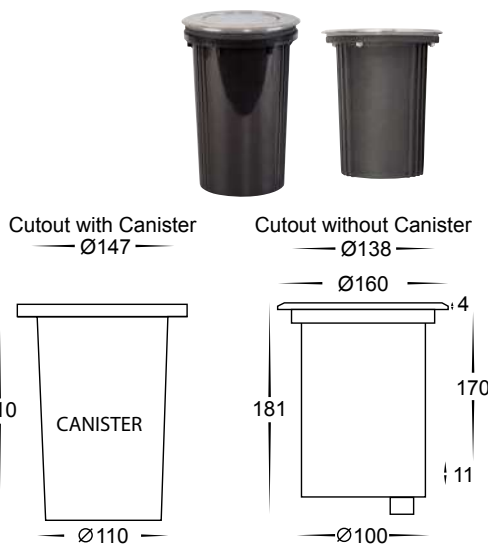
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Toldo 316 Stainless Steel

- Adjustable round inground uplighter
- Stainless Steel 316 Marine Grade cover
- 30° Beam angle
- Trafficable to 1000kg
- Flush Tempered glass
- Installation depth HV1827: 160mm
- Installation depth HV1828: 220mm
- Installation depth HV1829: 250mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK10
- IP Rating: IP67



Face: 108mm
Tilt: 20°



Face: 160mm
Tilt: 30°



Face: 230mm
Tilt: 15°

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Klip 316 Stainless Steel



- Inground uplighter round
- Stainless Steel 316 Marine Grade cover
- Beam angle: 120°
- Flush tempered glass
- Trafficable to 1000kg
- Face diameter: 100mm
- Installation depth: 145mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK10
- IP Rating: IP67

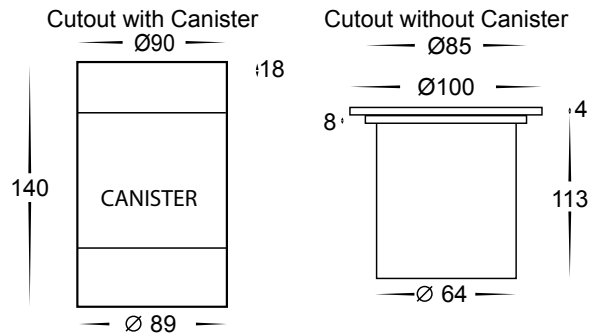


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1831C-12V	5500K	630lm	12v DC	Built-in 7w
	HV1831W-12V	3000k	560lm		
	HV1831C-240V	5500K	630lm	240v	Built-in 7w
	HV1831W-240V	3000k	560lm		
OPTIONAL ACCESSORIES					
	HV1831-FSH	316 Stainless Steel Security Face with screw holes to suit HV1831 range			
	HV1831-HC	Honeycomb glare reduction lens to suit HV1831 range			

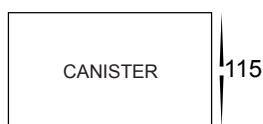
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Klip 316 Stainless Steel

- Inground uplighter round
- Stainless Steel 316 Marine Grade cover
- Beam angle: 120°
- Flush tempered glass
- Trafficable to 1000kg
- Face diameter: 160mm
- Installation depth: 120mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK10
- IP Rating: IP67



Cutout with Canister
Ø143



Cutout without Canister

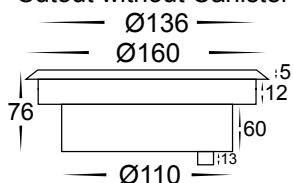


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1832C-12V	5500K	900lm	12v DC	Built-in 10w
	HV1832W-12V	3000k	800lm		
	HV1832C-240V	5500K	900lm	240v	Built-in 10w
	HV1832W-240V	3000k	800lm		
OPTIONAL ACCESSORIES					
	HV1832-FSH	316 Stainless Steel Security Face with screw holes to suit HV1832 range			
	HV1832-HC	Honeycomb glare reduction lens to suit HV1832 range			

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

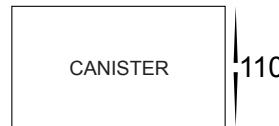


Klip 316 Stainless Steel

- Inground uplighter round
- Stainless Steel 316 Marine Grade cover
- Beam angle: 120°
- Flush tempered glass
- Trafficable to 1000kg
- Face diameter: 213mm
- Installation depth: 115mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK10
- IP Rating: IP67



Cutout with Canister
— Ø194 —



Cutout without Canister

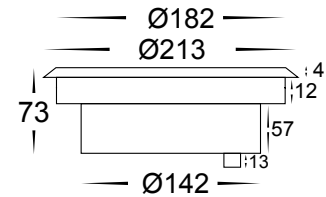


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1833C-12V	5500K	1800lm	12v DC	Built-in 20w
	HV1833W-12V	3000k	1600lm		
	HV1833C-240V	5500K	1800lm	240v	Built-in 20w
	HV1833W-240V	3000k	1600lm		
OPTIONAL ACCESSORIES					
	HV1833-FSH	316 Stainless Steel Security Face with screw holes to suit HV1833 range			
	HV1833-HC	Honeycomb glare reduction lens to suit HV1833 range			

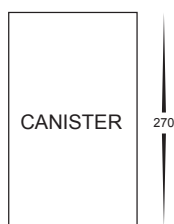
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Klip 316 Stainless Steel

- Inground uplighter round narrow beam
- Stainless Steel 316 Marine Grade cover
- Beam angle: 60°
- Flush tempered glass
- Trafficable to 1000kg
- Face diameter: 210mm
- Installation depth: 275mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK10
- IP Rating: IP67



Cutout with Canister
Ø198



Cutout without Canister
Ø182
Ø210

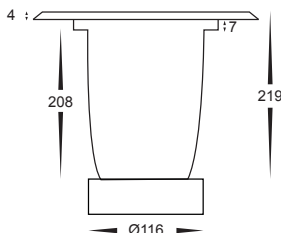


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1834C-12V	5500K	2700lm	12v DC	Built-in 30w
	HV1834W-12V	3000k	2400lm		
	HV1834C-240V	5500K	2700lm	240v	Built-in 30w
	HV1834W-240V	3000k	2400lm		
OPTIONAL ACCESSORIES					
	HV1834-FSH	316 Stainless Steel Security Face with screw holes to suit HV1834 range			
	HV1834-HC	Honeycomb glare reduction lens to suit HV1834 range			

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

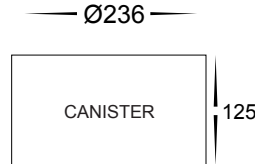


Klip 316 Stainless Steel

- Inground uplighter round
- Stainless Steel 316 Marine Grade cover
- Beam angle: 120°
- Flush tempered glass
- Trafficable to 1000kg
- Face diameter: 260mm
- Installation depth: 130mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK10
- IP Rating: IP67



Cutout with Canister



Cutout without Canister

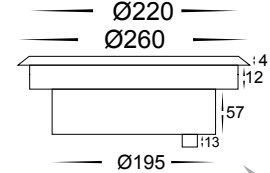


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1835C-12V	5500K	2700lm	12v DC	Built-in 30w
	HV1835W-12V	3000k	2400lm		
	HV1835C-240V	5500K	2700lm	240v	Built-in 30w
	HV1835W-240V	3000k	2400lm		
OPTIONAL ACCESSORIES					
	HV1835-FSH	316 Stainless Steel Security Face with screw holes to suit HV1835 range			
	HV1835-HC	Honeycomb glare reduction lens to suit HV1835 range			

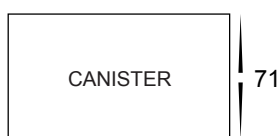
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Split 316 Stainless Steel

- Inground uplighter round
- Stainless Steel 316 Marine Grade cover
- Full stainless steel body
- Anti glare honeycomb louvre
- Beam angle: 60°
- Flush tempered glass
- Trafficable to 1000kg
- Face diameter: 100mm
- Installation depth: 75mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK10
- IP Rating: IP67



Cutout with Canister
Ø89



Cutout without Canister

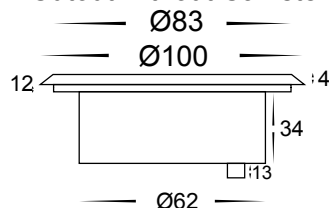


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1841C	5500K	300lm	12v DC	Built-in 3w
	HV1841W	3000k	240lm		
OPTIONAL ACCESSORIES					
	HV1841 - FSH	Security Face with screw holes to suit HV1841 range			

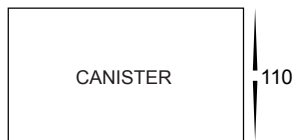
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Split 316 Stainless Steel

- Inground uplighter round
- Stainless Steel 316 Marine Grade cover
- Full stainless steel body
- Anti glare honeycomb louvre
- Beam angle: 60°
- Flush tempered glass
- Trafficable to 1000kg
- Face diameter: 150mm
- Installation depth: 115mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK10
- IP Rating: IP67

Cutout with Canister
Ø138



Cutout without Canister

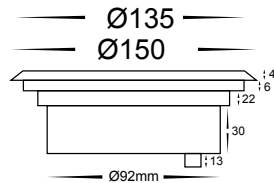


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1842C	5500K	450lm	12v DC	Built-in 5w
	HV1842W	3000k	400lm		
OPTIONAL ACCESSORIES					
	HV1842-FSH	Security Face with screw holes to suit HV1842 range			

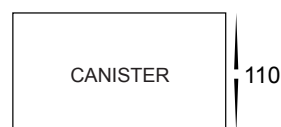
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Split 316 Stainless Steel

- Inground uplighter round
- Stainless Steel 316 Marine Grade cover
- Full stainless steel body
- Anti glare honeycomb louvre
- Beam angle: 60°
- Flush tempered glass
- Trafficable to 1000kg
- Face diameter: 210mm
- Installation depth: 110mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK10
- IP Rating: IP67



Cutout with Canister
Ø195



Cutout without Canister
Ø185
Ø210

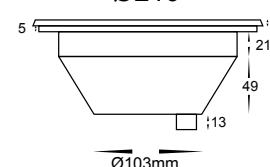


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1843C	5500K	1200lm	12v DC	Built-in 12w
	HV1843W	3000k	960lm		
OPTIONAL ACCESSORIES					
	HV1843-FSH	Security Face with screw holes to suit HV1843 range			

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Split 316 Stainless Steel

- Inground uplighter round
- Stainless Steel 316 Marine Grade cover
- Full stainless steel body
- Anti glare honeycomb louvre
- Beam angle: 60°
- Flush tempered glass
- Trafficable to 1000kg
- Face diameter: 260mm
- Installation depth: 118mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK10
- IP Rating: IP67



Cutout with Canister
Ø237



Cutout without Canister
Ø213
Ø260

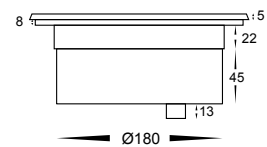


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1845C	5500K	1350lm	12v DC	Built-in 18w
	HV1845W	3000k	1200lm		
OPTIONAL ACCESSORIES					
	HV1845-FSH	Security Face with screw holes to suit HV1845 range			

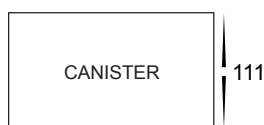
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Split 316 Stainless Steel

- Inground uplighter round
- Stainless Steel 316 Marine Grade cover
- Beam angle: 6°
- Flush tempered glass
- Trafficable to 1000kg
- Face diameter: 210mm
- Installation depth: 120mm
- **NOTE: adequate drainage must be allowed**
- IK Rating: IK10
- IP Rating: IP67



Cutout with Canister
Ø194



Cutout without Canister

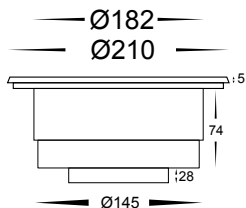
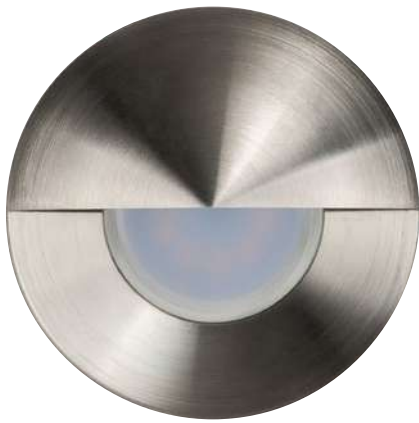
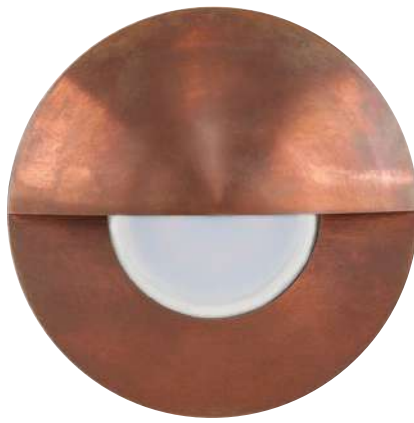


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV1847C	5500K	1900lm	12v DC	Built-in 24w
	HV1847W	3000k	1600lm		
OPTIONAL ACCESSORIES					
	HV1847-FSH	Security Face with screw holes to suit HV1847 range			

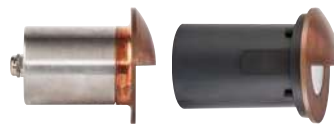
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Stainless Steel 316



Solid Copper

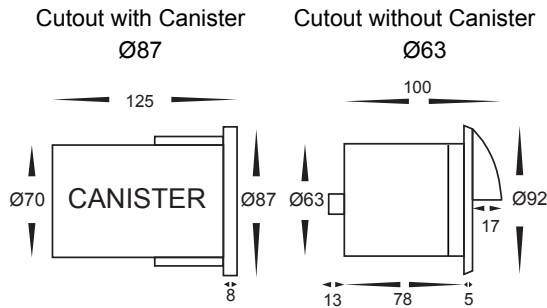


Stainless Steel 316 Black



Olo

- Recessed wall/step light with eyelid
- Stainless Steel, Solid Copper Or Black Face With Marine Grade 316 Stainless Steel Body
- Tempered glass
- Installation depth needed: 125mm
- **Not suitable for in-ground use.**
- IP Rating: IP65



Compatible with Tri-Colour 9in1 3w, 5w, 7w 12v or 24v LED Globe

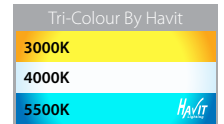
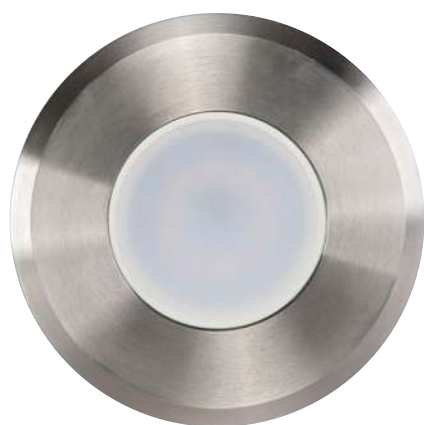


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV19012T-SS316	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
	HV19032T-SS316	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV19012T-CP	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV19012T-BLK	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
OPTIONAL ACCESSORIES					
	HV190-HC	Honeycomb Lens to suit HV19012, HV19022, HV19032 & HV19042			

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Stainless Steel 316



Solid Copper



Stainless Steel 316 Black



Cutout with Canister
Ø87

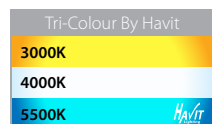
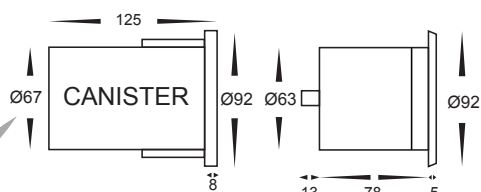


Cutout without Canister
Ø63



Olo

- Recessed wall/step/inground light
- Stainless Steel, Solid Copper Or Black Face With Marine Grade 316 Stainless Steel Body
- Tempered glass
- Trafficable to 500kg
- Installation depth needed: 125mm
- **NOTE: adequate drainage must be allowed**
- IP Rating: IP65



Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV19022T-SS316	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
	HV19042T-SS316	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV19022T-CP	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV19022T-BLK	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
OPTIONAL ACCESSORIES					
	HV190-HC	Honeycomb Lens to suit HV19012, HV19022, HV19032 & HV19042			

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v or 24v LED Globe

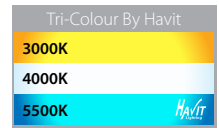
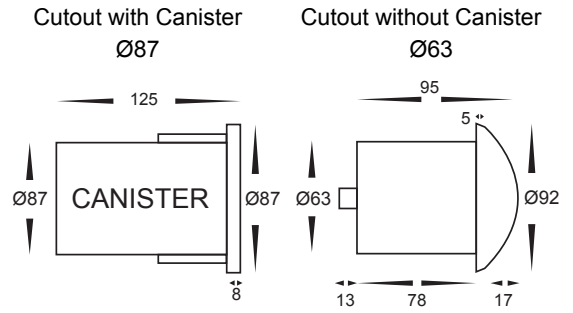


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV19062T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV19072T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV19082T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV19092T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV19102T	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Viale 316 Stainless Steel

- Stainless Steel 316 Marine Grade
- Inground Lights
- Trafficable to 500kg
- Installation depth needed: 125mm
- **NOTE: adequate drainage must be allowed**
- IP Rating: IP65



**Single Inground
HV19062T**



**Double Inground
HV19072T**



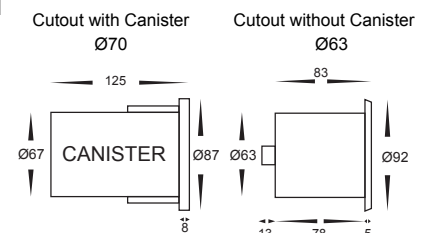
**Triple Inground
HV19082T**



**Four-way Inground
HV19092T**



**Inground with grill
HV19102T**



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Lighting by Havit



Deck Lights By Havit

Flame 316 Stainless Steel

- DIY mini deck light
- Stainless Steel 316
- Frosted tempered glass
- RGB multi-function (HV2826RGB Only)
- 2x 1.5 metre cable length per light
- IP Rating: light fittings IP67 / driver IP66
- Suitable for in-ground installation
- Kit includes:
 - 6 x single deck light (0.5w per light)
 - 1x LED driver
 - 1x 4m extension cable
 - 1x RF RGB remote controller (HV2826RGB Only)

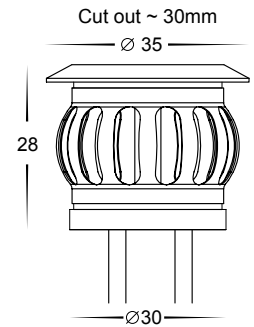
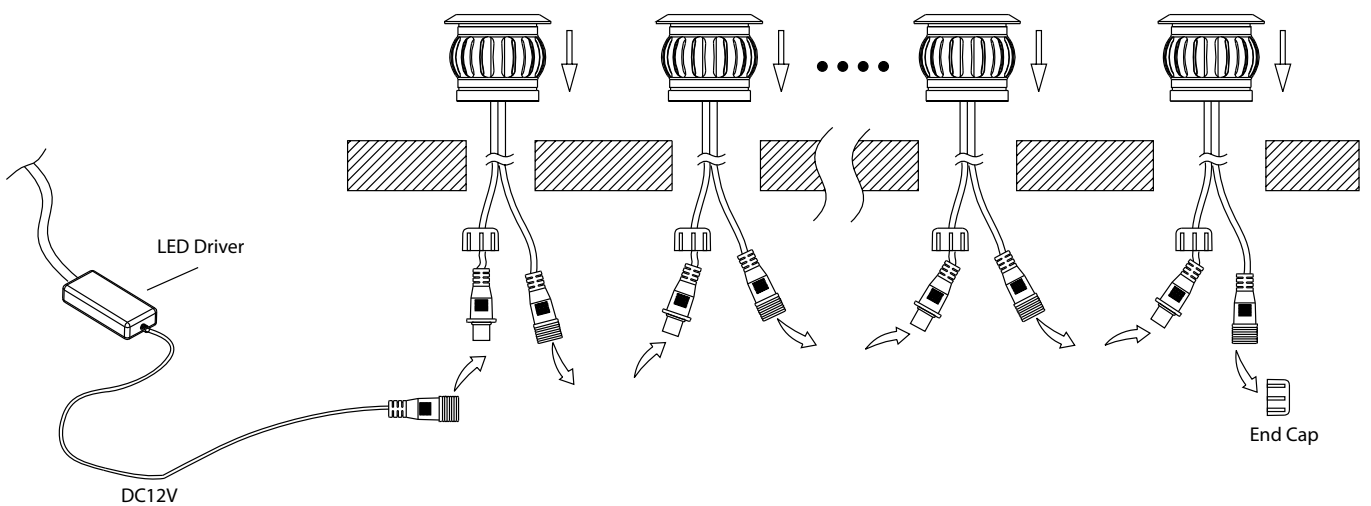
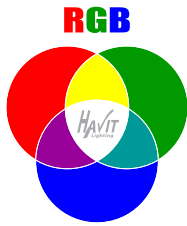


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2826C (6 light kit)	5500K	6x 50lm	Driver: 240v LED Fittings: 12v DC	Built-in 6 x 0.5w with Driver
	HV2826W (6 light kit)	3000k	6x 40lm		
	HV2826RGB (6 light kit)	Multi Colour			6 x 0.5w with Driver and RF Controller
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV28261C	5500K	50lm	12v DC	Built-in 0.5w
	HV28261W	3000k	40lm		
	HV28261RGB	Multi Colour			
	HV2826-D-12W	NA	NA	240v	NA
OPTIONAL ACCESSORIES					
	HV2826-2M-EXT	Optional 2 metre extension cable to extend length between fittings. Sold separately			
	HV2826RGB-2M-EXT				
	HV2826-4M-EXT	Optional 4 metre extension cable to extend length between fittings. Sold separately			
	HV2826RGB-4M-EXT				

Max 4 additional fittings (HV28261) can be added to the kit(HV2826). Total 10 fittings with supplied driver. Larger kits can be configured using alternate Havit LED drivers.

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Uton

- DIY mini deck light
- Polycarbonate construction
- 2x 1.5 metre cable length per light
- RGB multi-function (HV2827RGB Only)
- IP Rating: light fittings IP67 / driver IP66
- Suitable for in-ground installation
- Kit includes:
 - 6 x single deck light (0.5w per light)
 - 1x LED driver
 - 1x 4m extension cable
 - 1x RF RGB remote controller (HV2827RGB Only)

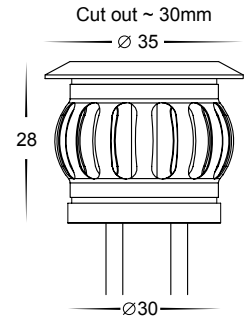
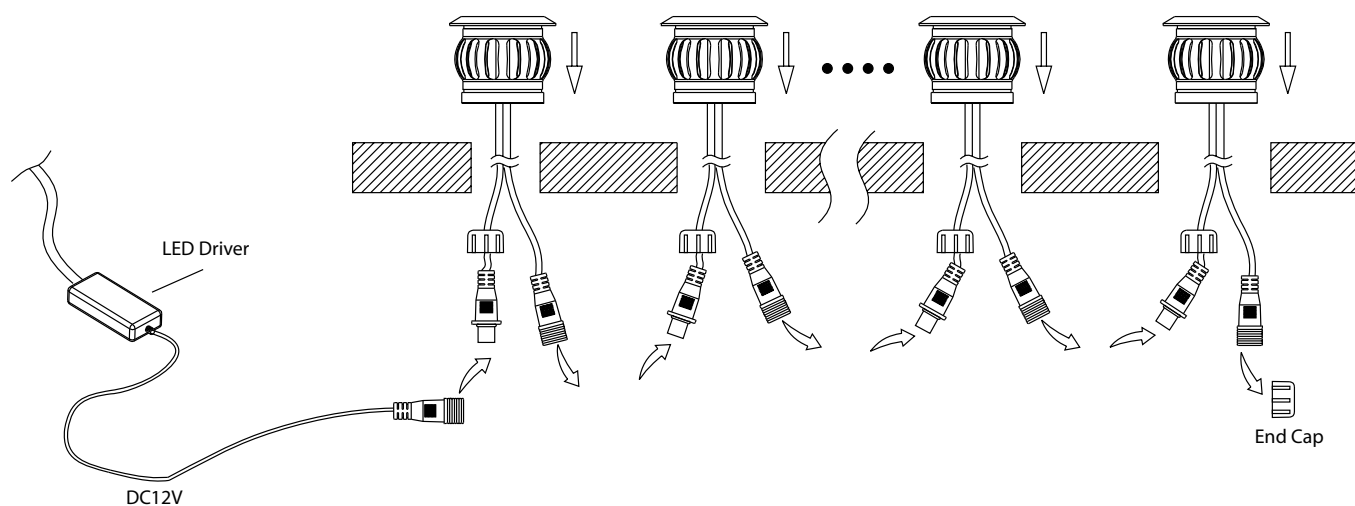
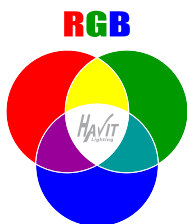


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2827C (6 light kit)	5500K	6x 50lm	Driver: 240v LED Fittings: 12v DC	Built-in 6 x 0.5w with Driver
	HV2827W (6 light kit)	3000k	6x 40lm		
	HV2827RGB (6 light kit)	Multi Colour			
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV28271C	5500K	50lm	12v DC	Built-in 0.5w
	HV28271W	3000k	40lm		
	HV28271RGB	Multi Colour			
	HV2826-D-12W	NA	NA	240v	NA
OPTIONAL ACCESSORIES					
	HV2826-2M-EXT	Optional 2 metre extension cable to extend length between fittings. Sold separately			
	HV2826RGB-2M-EXT				
	HV2826-4M-EXT	Optional 4 metre extension cable to extend length between fittings. Sold separately			
	HV2826RGB-4M-EXT				

Max 4 additional fittings (HV28271) can be added to the kit(HV2827). Total 10 fittings with supplied driver. Larger kits can be configured using alternate Havit LED drivers.

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334





Tekk 316 Stainless Steel

- Mini deck light
- Stainless Steel 316 face
- Traffic resistant lens
- High powered LED chip
- Face Diameter: 64mm
- 1.5 metre cable length
- Beam Angle: 30°
- IP Rating: IP67
- Adequate drainage must be allowed

Not suitable for in-ground installation

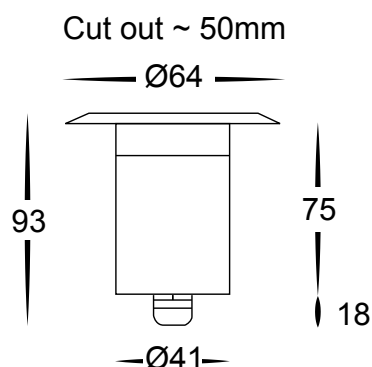
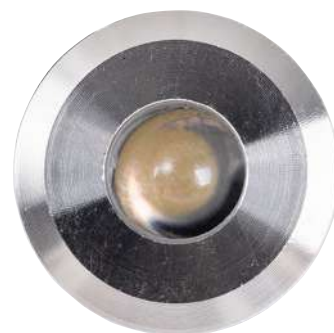


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2860C	5500K	180lm	12v DC	Built-in 3w
	HV2860N	4000K	170lm		
	HV2860W	3000k	160lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Kett 316 Stainless Steel

- Mini deck light
- 316 Stainless Steel
- Face Diameter: 22mm
- 1.5 metre cable length
- IP Rating: IP65
- Adequate drainage must be allowed

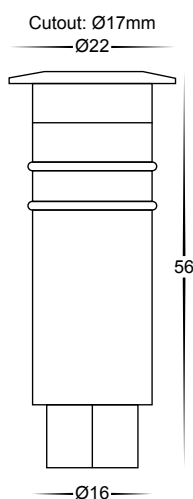






IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2861C	5500K	35lm	12v DC	Built-in 0.5w
	HV2861W	3000k	30lm		
	HV2861B	Blue	NA		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2871C-SLV	5500K	190lm	12v DC	Built-in 3w
	HV2871W-SLV	3000k	180lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2871C-BLK	5500K	190lm	12v DC	Built-in 3w
	HV2871W-BLK	3000k	180lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2872C-SLV	5500K	2x 190lm	12v DC	Built-in 2x 3w
	HV2872W-SLV	3000k	2x 180lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2872C-BLK	5500K	2x 190lm	12v DC	Built-in 2x 3w
	HV2872W-BLK	3000k	2x 180lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Dome Aluminium



- One-way & two-way recessed deck lights
- Silver Coloured & Poly Powder Coated Black Aluminium
- IP Rating: IP65
- Adequate drainage must be allowed

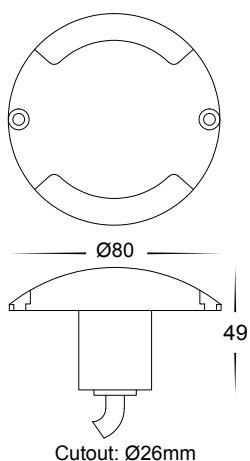
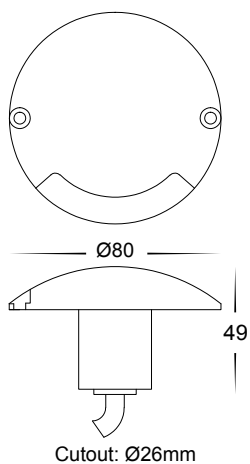


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2881C-SLV	5500K	270lm	12v DC	Built-in 3w
	HV2881N-SLV	4000K	250lm		
	HV2881W-SLV	3000k	240lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2881C-BLK	5500K	270lm	12v DC	Built-in 3w
	HV2881N-BLK	4000K	250lm		
	HV2881W-BLK	3000k	240lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2882C-SLV	5500K	450lm	12v DC	Built-in 5w
	HV2882N-SLV	4000K	420lm		
	HV2882W-SLV	3000k	400lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2882C-BLK	5500K	450lm	12v DC	Built-in 5w
	HV2882N-BLK	4000K	420lm		
	HV2882W-BLK	3000k	400lm		

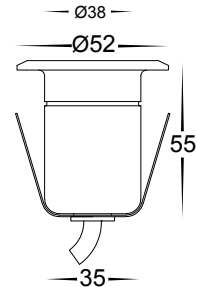
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Elite Aluminium

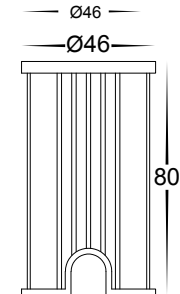
- Inground / deck light
- Silver Coloured & Poly Powder Coated Black Aluminium
- IP Rating: IP65
- Adequate drainage must be allowed



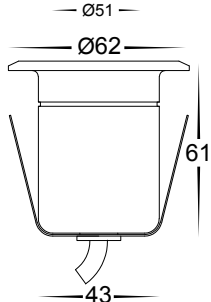
Cutout without Canister



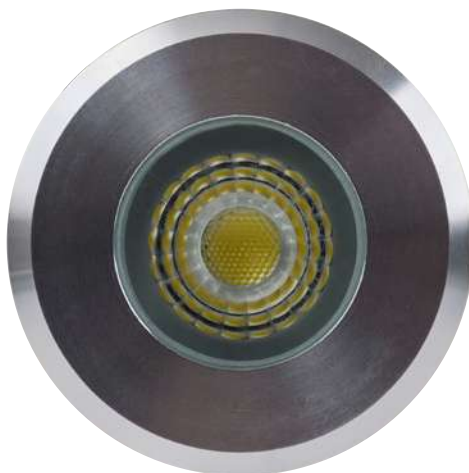
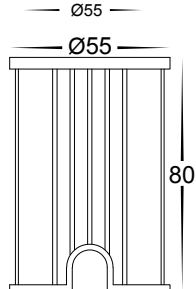
Cutout with Canister



Cutout without Canister



Cutout with Canister



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Stainless Steel 316



Solid Copper



Stainless Steel 316 Black



Mini Olo

- Mini recessed step light with eyelid
- Stainless Steel, Solid Copper Or Black Face With Marine Grade 316 Stainless Steel Body
- Flush tempered glass
- Face diameter: 53mm
- Installation depth: 90mm
- **Not suitable for inground installation**
- IP Rating: IP67

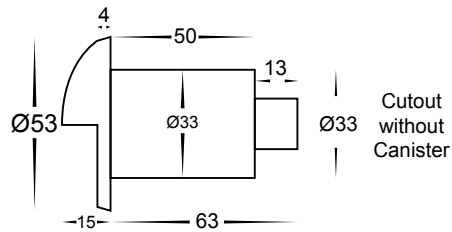
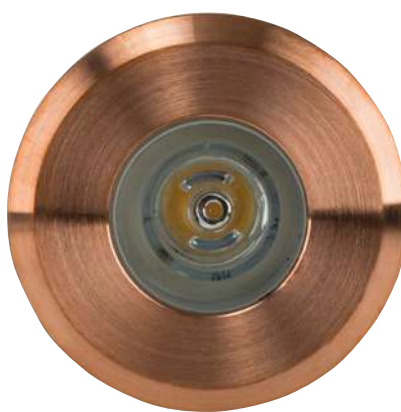


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2891C-SS316	5500K	90lm	12v DC	Built-in 1w
	HV2891W-SS316	3000k	80lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2891C-CP	5500K	90lm	12v DC	Built-in 1w
	HV2891W-CP	3000k	80lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2891C-BLK	5500K	90lm	12v DC	Built-in 1w
	HV2891W-BLK	3000k	80lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Stainless Steel 316



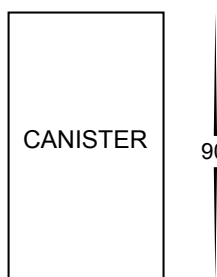
Solid Copper



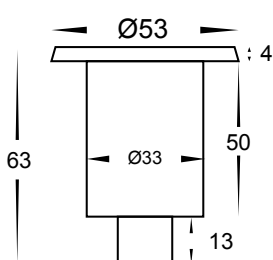
Stainless Steel 316 Black



Cutout with Canister
Ø46



Cutout without Canister
Ø33



Mini Olo

- Mini recessed inground/step light
- Stainless Steel, Solid Copper Or Black Face With Marine Grade 316 Stainless Steel Body
- Flush tempered glass
- Face diameter: 53mm
- Installation depth: 90mm
- **NOTE: adequate drainage must be allowed**
- IP Rating: IP67



IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2892C-SS316	5500K	90lm	12v DC	Built-in 1w
	HV2892W-SS316	3000k	80lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2892C-CP	5500K	90lm	12v DC	Built-in 1w
	HV2892W-CP	3000k	80lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2892C-BLK	5500K	90lm	12v DC	Built-in 1w
	HV2892W-BLK	3000k	80lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Lighting by Havit



Step Lights By Havit

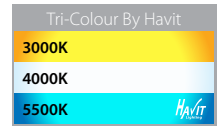


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2901	NA	NA	240v	No globes supplied
	HV2902	NA	NA	12v	No globes supplied
	HV2903T	3000K 4000K 5500K	160lm 170lm 180lm	240v	Tri-Colour Built-in 2.3w LED
	HV2904T	3000K 4000K 5500K	160lm 170lm 180lm	12v DC	Tri-Colour Built-in 2.3w LED

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2901-AB	NA	NA	240v	No globes supplied
	HV2902-AB	NA	NA	12v	No globes supplied
	HV2903T-AB	3000K 4000K 5500K	160lm 170lm 180lm	240v	Tri-Colour Built-in 2.3w LED
	HV2904T-AB	3000K 4000K 5500K	160lm 170lm 180lm	12v DC	Tri-Colour Built-in 2.3w LED

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2905T-12V	3000K 4000K 5500K	160lm 170lm 180lm	12v DC	Tri-Colour Built-in 2.3w LED

OPTIONAL GLOBES

Optional G9 LED globe HV9511W to suit HV2901



Optional G4 LED globe HV9529-3.2w to suit HV2902



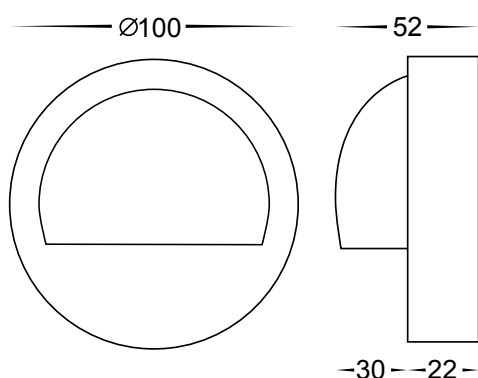
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Pinta

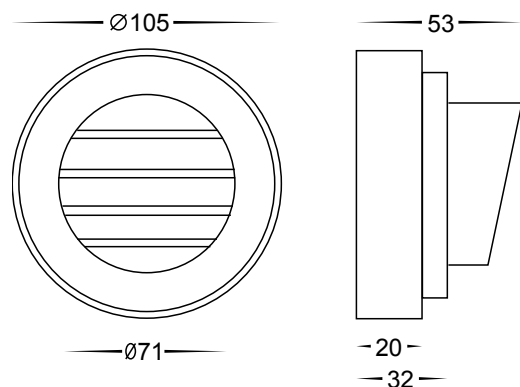
- Surface mounted louvred & eyelid step light
- Full Body Stainless Steel 316 Marine Grade & Solid Brass With Antique Brass Finish
- Tempered glass
- IP Rating: IP65



316 Stainless Steel



Antique Brass



316 Stainless Steel

Pinta

- Surface mounted eyelid (step light)
- Full body Stainless Steel 316 Marine Grade with Stainless Steel or Copper face
- Extra large eyelid design to maximise light output
- Frosted tempered glass
- IP Rating: IP54





IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2906	NA	NA	240v	No globes supplied
	HV2907	NA	NA	12v	No globes supplied
	HV2908C	5500K	180lm	240v	Built-in 2.3w
	HV2908W	3000k	160lm		
	HV2909C	5500K	180lm	12v DC	Built-in 2.3w
	HV2909W	3000k	160lm		

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2916	NA	NA	240v	No globes supplied
	HV2917	NA	NA	12v	No globes supplied
	HV2918C	5500K	180lm	240v	Built-in 2.3w
	HV2918W	3000k	160lm		
	HV2919C	5500K	180lm	12v DC	Built-in 2.3w
	HV2919W	3000k	160lm		

OPTIONAL GLOBES

Optional G9 LED globe HV9511W to suit HV2906 & HV2916



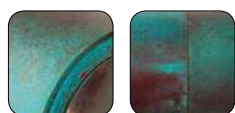
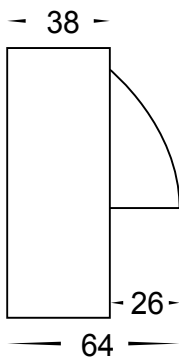
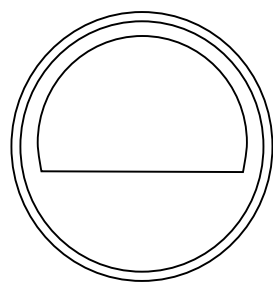
Optional G4 LED globe HV9529-3.2w to suit HV2907 & HV2917



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

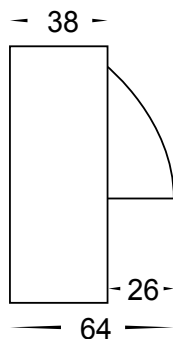
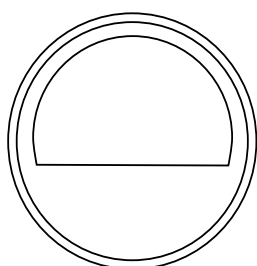


Ø101



Weathered Copper

Ø101



Pinta Aluminium Black

- Surface mounted eyelid & louvred step light
- Aluminium Poly Powder Coated Black
- Tempered glass
- IP Rating: IP65

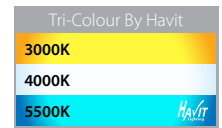




IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2921	NA	NA	240v	No globes supplied
	HV2922	NA	NA	12v	No globes supplied
	HV2923T	3000K 4000K 5500K	160lm 170lm 180lm	240v	Tri-Colour Built-in 2.3w LED
	HV2924T	3000K 4000K 5500K	160lm 170lm 180lm	12v DC	Tri-Colour Built-in 2.3w LED

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2925T-12V	3000K 4000K 5500K	160lm 170lm 180lm	12v DC	Tri-Colour Built-in 2.3w LED

OPTIONAL GLOBES

Optional G9 LED globe HV9511W to suit HV2921



Optional G4 LED globe HV9529-3.2w to suit HV2922



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

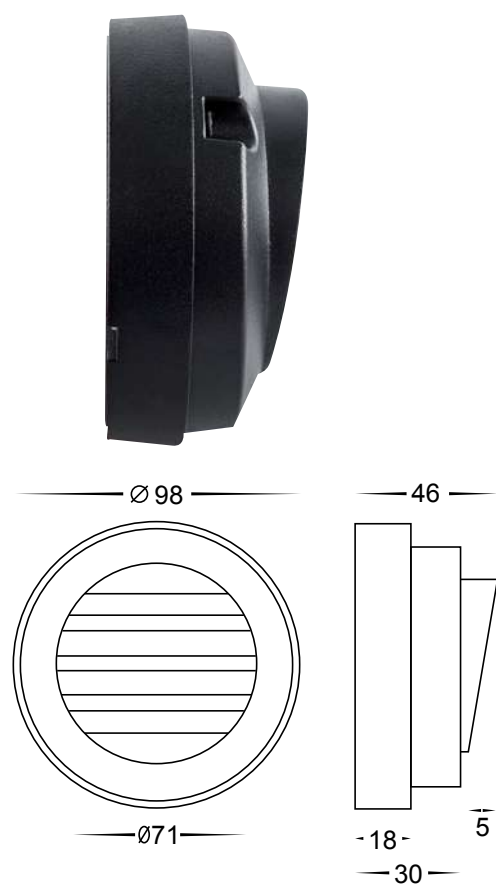
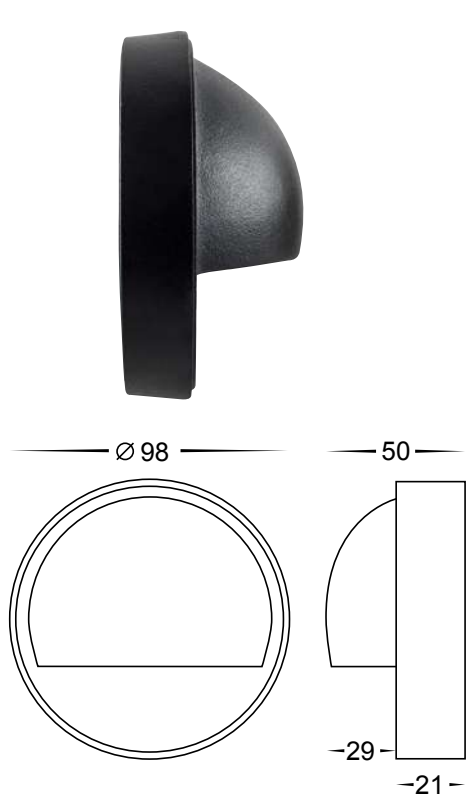


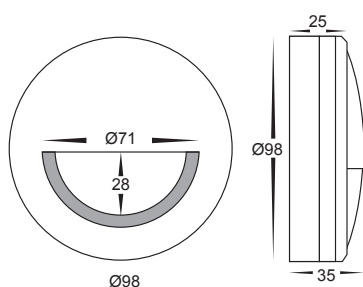
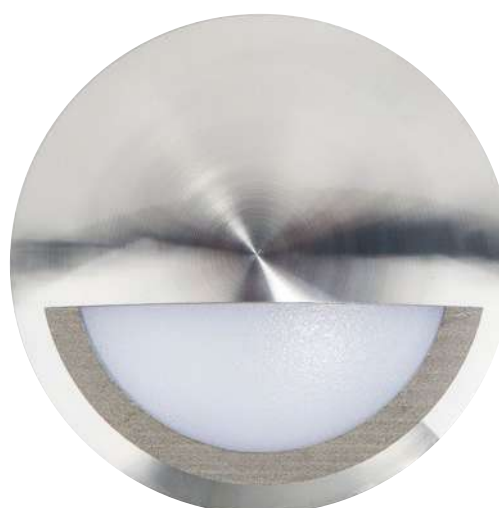
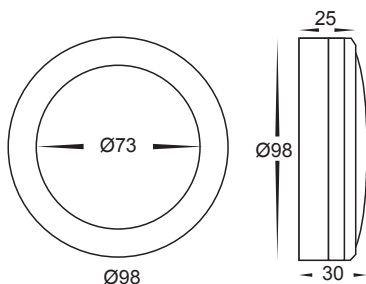


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2960C-TTM-240V	5500K	400lm	240v	Built-in 5w
	HV2960W-TTM-240V	3000k	360lm		
	HV2960C-TTM-12V	5500K	400lm	12v DC	Built-in 5w
	HV2960W-TTM-12V	3000k	360lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2960C-BLK-240V	5500K	400lm	240v	Built-in 5w
	HV2960W-BLK-240V	3000k	360lm		
	HV2960C-BLK-12V	5500K	400lm	12v DC	Built-in 5w
	HV2960W-BLK-12V	3000k	360lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2961C-TTM-240V	5500K	400lm	240v	Built-in 5w
	HV2961W-TTM-240V	3000k	360lm		
	HV2961C-TTM-12V	5500K	400lm	12v DC	Built-in 5w
	HV2961W-TTM-12V	3000k	360lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV2961C-BLK-240V	5500K	400lm	240v	Built-in 5w
	HV2961W-BLK-240V	3000k	360lm		
	HV2961C-BLK-12V	5500K	400lm	12v DC	Built-in 5w
	HV2961W-BLK-12V	3000k	360lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Nava Aluminium

- Surface mounted open face & eyelid step light
- Aluminium Poly Powder Coated Black And Titanium Coloured Aluminium
- Opal PC diffuser
- IP Rating: IP65



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Bata Stainless Steel

- Brick light with plain face & grill cover
- Stainless Steel 316 Marine Grade Cover And Stainless Steel Poly Powder Coated Black Cover
- Powder coated die cast aluminium body
- Cutout with Canister: 238mm x 100mm
- Installation Depth: 90mm
- Frosted tempered glass
- IP Rating: IP54

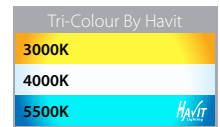
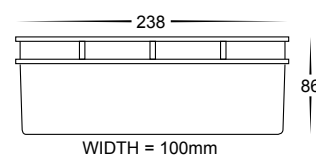
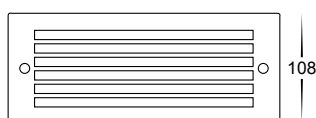
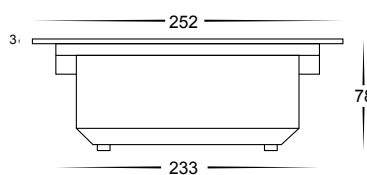
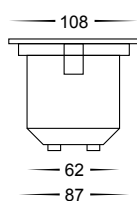
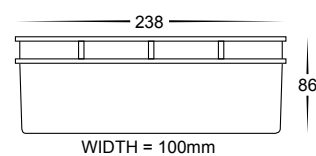
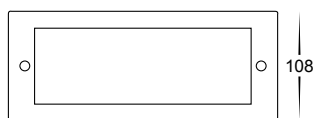
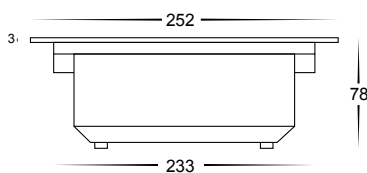
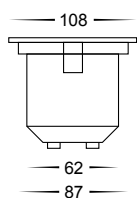
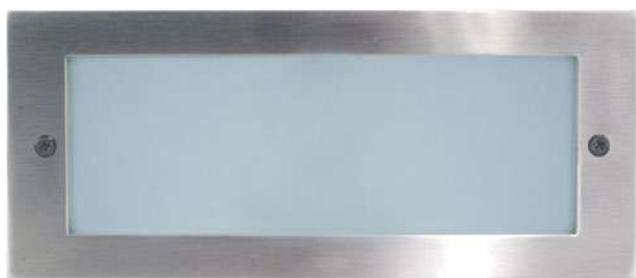


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3003T-SS316	3000K 4000K 5500K	800lm 850lm 900lm	240v	Tri-Colour Built-in 10w LED
	HV3003T-SS316-12V			12v DC	Tri-Colour Built-in 10w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3003T-BLK	3000K 4000K 5500K	800lm 850lm 900lm	240v	Tri-Colour Built-in 10w LED
	HV3003T-BLK-12V			12v DC	Tri-Colour Built-in 10w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3004T-SS316	3000K 4000K 5500K	800lm 850lm 900lm	240v	Tri-Colour Built-in 10w LED
	HV3004T-SS316-12V			12v DC	Tri-Colour Built-in 10w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3004T-BLK	3000K 4000K 5500K	800lm 850lm 900lm	240v	Tri-Colour Built-in 10w LED
	HV3004T-BLK-12V			12v DC	Tri-Colour Built-in 10w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Bata Stainless Steel

- Brick light with plain face & grill cover
- Stainless Steel 316 Marine Grade Cover And Stainless Steel Poly Powder Coated Black Cover
- Powder coated die cast aluminium body
- Cutout with Canister: 159mm x 58mm
- Installation Depth: 60mm
- Frosted tempered glass
- IP Rating: IP54

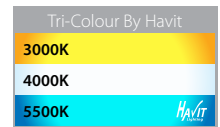
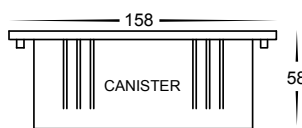
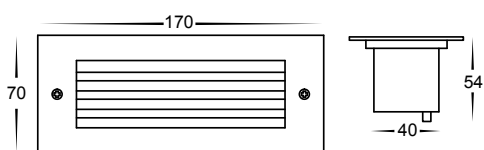
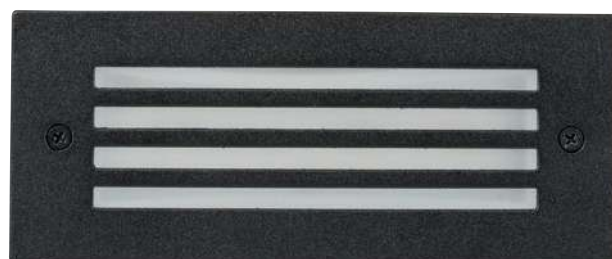
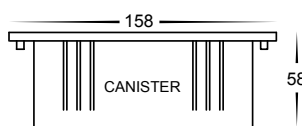
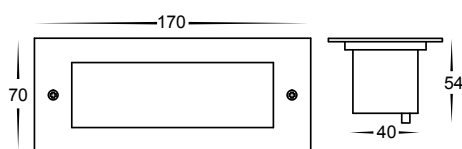


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3005T-SS316-12V	3000K 4000K 5500K	480lm 510lm 540lm	12v DC	Tri-Colour Built-in 6w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3005T-BLK-12V	3000K 4000K 5500K	480lm 510lm 540lm	12v DC	Tri-Colour Built-in 6w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3006T-SS316-12V	3000K 4000K 5500K	480lm 510lm 540lm	12v DC	Tri-Colour Built-in 6w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3006T-BLK-12V	3000K 4000K 5500K	480lm 510lm 540lm	12v DC	Tri-Colour Built-in 6w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Bata Stainless Steel

- Brick light with plain face & grill cover
- Stainless Steel 316 Marine Grade Cover And Stainless Steel Poly Powder Coated Black Cover
- Powder coated die cast aluminium body
- Cutout with Canister: 105mm x 41mm
- Installation Depth: 58mm
- Frosted tempered glass
- IP Rating: IP54

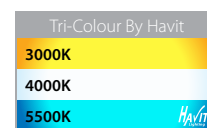
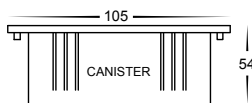
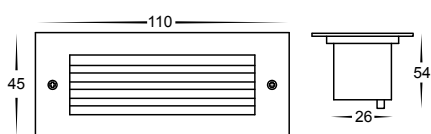
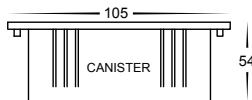
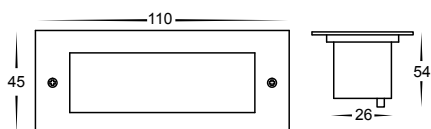


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3007T-SS316-12V	3000K 4000K 5500K	240lm 255lm 270lm	12v DC	Tri-Colour Built-in 3w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3007T-BLK-12V	3000K 4000K 5500K	240lm 255lm 270lm	12v DC	Tri-Colour Built-in 3w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3008T-SS316-12V	3000K 4000K 5500K	240lm 255lm 270lm	12v DC	Tri-Colour Built-in 3w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3008T-BLK-12V	3000K 4000K 5500K	240lm 255lm 270lm	12v DC	Tri-Colour Built-in 3w LED

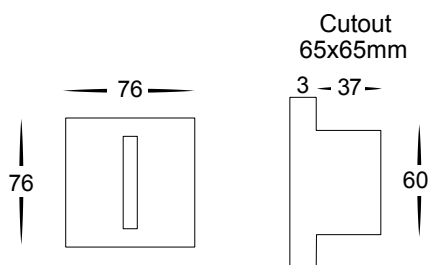
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



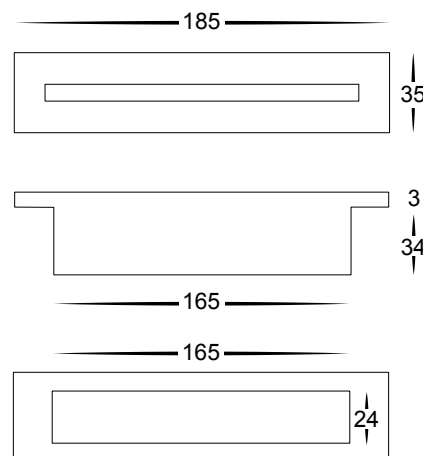




Recessed Square



Recessed Rectangle



Back of the fitting view



Slot

- Recessed square & rectangle steplight
- Aluminium White
- IP Rating: IP20
- Indoor use only
- Supplied with dedicated LED driver



IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3102C	5500K	190lm	240v	Built-in 2.5w LED
	HV3102W	3000k	180lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3103C	5500K	190lm	240v	Built-in 2.5w LED
	HV3103W	3000k	180lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



316 Stainless Steel



Aluminium White



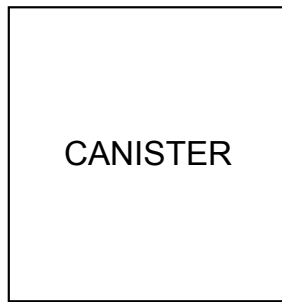
Aluminium Black



Reces

- Recessed round step light
- Stainless Steel 316 and Aluminium
- Installation depth: 65mm
- 40° beam angle
- IP Rating: IP67

Cutout with Canister
Ø76



Cutout without Canister
Ø60

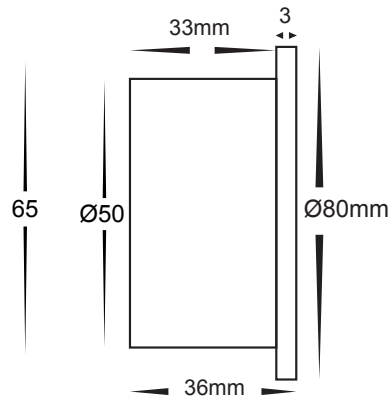


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3205C-SS316	5500K	190lm	12v DC	Built-in 3w
	HV3205W-SS316	3000k	180lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3205C-WHT	5500K	190lm	12v DC	Built-in 3w
	HV3205W-WHT	3000k	180lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3205C-BLK	5500K	190lm	12v DC	Built-in 3w
	HV3205W-BLK	3000k	180lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



316 Stainless Steel



Aluminium White



Aluminium Black



Mini Reces

- Recessed round step light
- Stainless Steel 316 and Aluminium
- Installation depth: 40mm
- 40° beam angle
- IP Rating: IP67

Cutout with Canister
Ø50

Cutout without Canister
Ø43

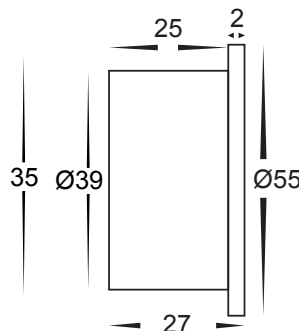
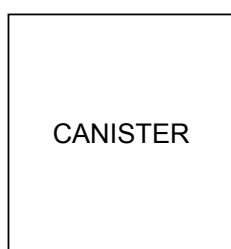


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3206C-SS316	5500K	60lm	12v DC	Built-in 1w
	HV3206W-SS316	3000k	55lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3206C-WHT	5500K	60lm	12v DC	Built-in 1w
	HV3206W-WHT	3000k	55lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3206C-BLK	5500K	60lm	12v DC	Built-in 1w
	HV3206W-BLK	3000k	55lm		

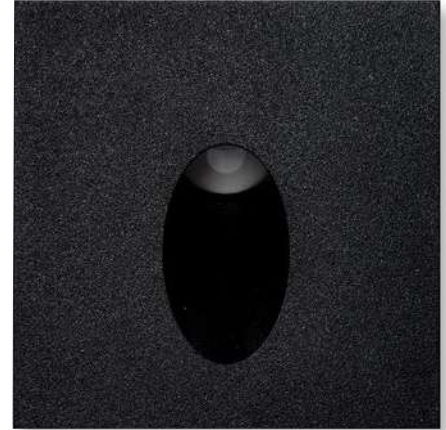
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



316 Stainless Steel



Aluminium White



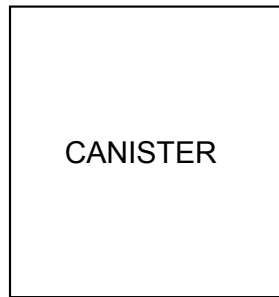
Aluminium Black



Reces

- Recessed square step light
- Stainless Steel 316 and Aluminium
- Installation depth: 65mm
- 40° beam angle
- IP Rating: IP67

Cutout with Canister
Ø76



Cutout without Canister
Ø60

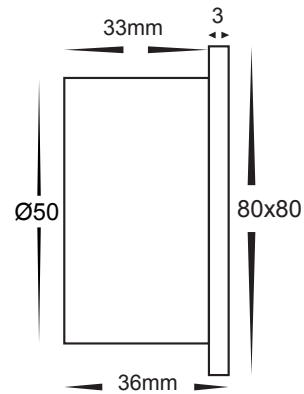


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3215C-SS316	5500K	190lm	12v DC	Built-in 3w
	HV3215W-SS316	3000k	180lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3215C-WHT	5500K	190lm	12v DC	Built-in 3w
	HV3215W-WHT	3000k	180lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3215C-BLK	5500K	190lm	12v DC	Built-in 3w
	HV3215W-BLK	3000k	180lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



316 Stainless Steel



Aluminium White



Aluminium Black



Mini Reces

- Recessed square step light
- Stainless Steel 316 and Aluminium
- Installation depth: 40mm
- 40° beam angle
- IP Rating: IP67

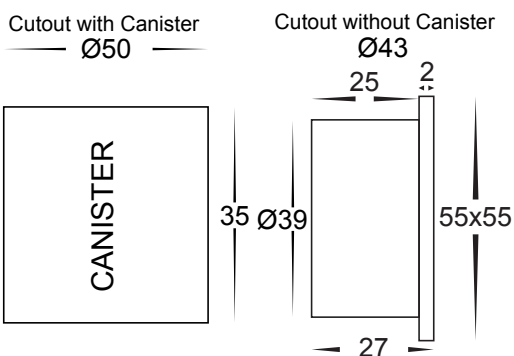


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3216C-SS316	5500K	60lm	12v DC	Built-in 1w
	HV3216W-SS316	3000k	55lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3216C-WHT	5500K	60lm	12v DC	Built-in 1w
	HV3216W-WHT	3000k	55lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3216C-BLK	5500K	60lm	12v DC	Built-in 1w
	HV3216W-BLK	3000k	55lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Seefore Black

- Surface mounted step light
- PC Black
- IP Rating: IP65

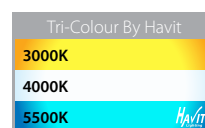
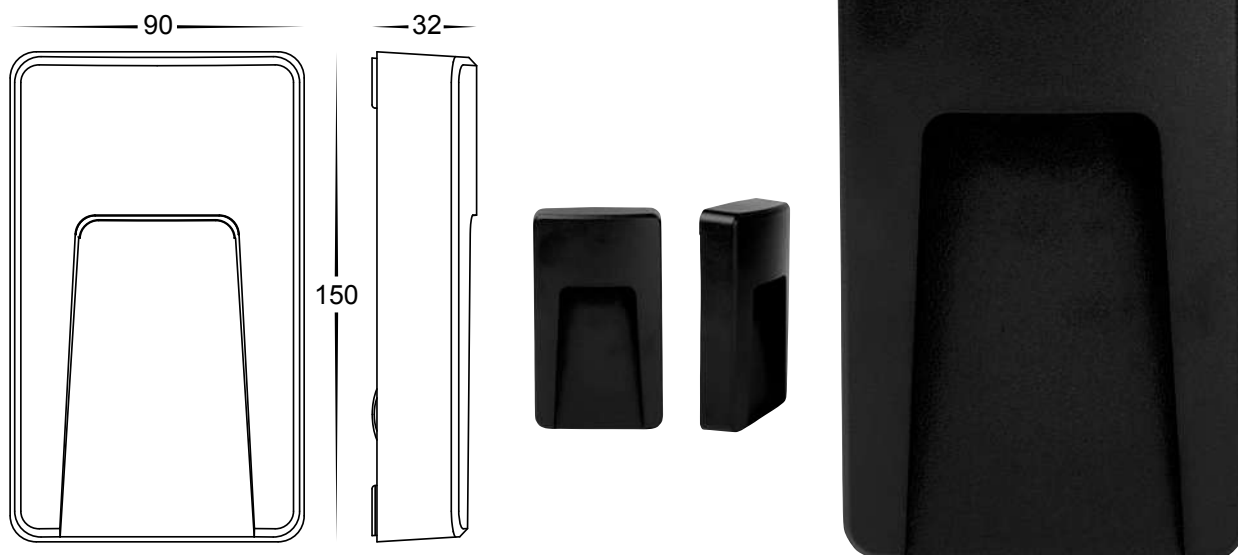


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3221T-BLK	3000K 4000K 5500K	90lm 95lm 100lm	12v DC	Tri-Colour Built-in 3w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3222T-BLK	3000K 4000K 5500K	90lm 95lm 100lm	12v DC	Tri-Colour Built-in 3w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3223T-BLK	3000K 4000K 5500K	90lm 95lm 100lm	12v DC	Tri-Colour Built-in 3w SMD LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Seefore White

- Surface mounted step light
- PC White
- IP Rating: IP65

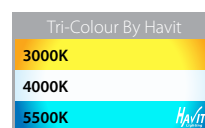



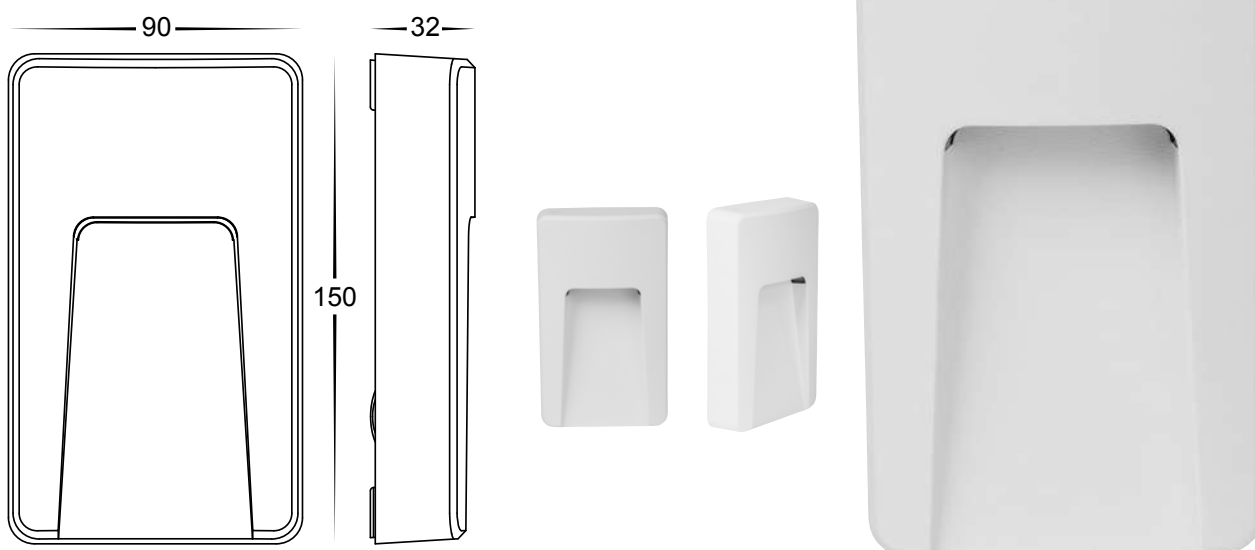
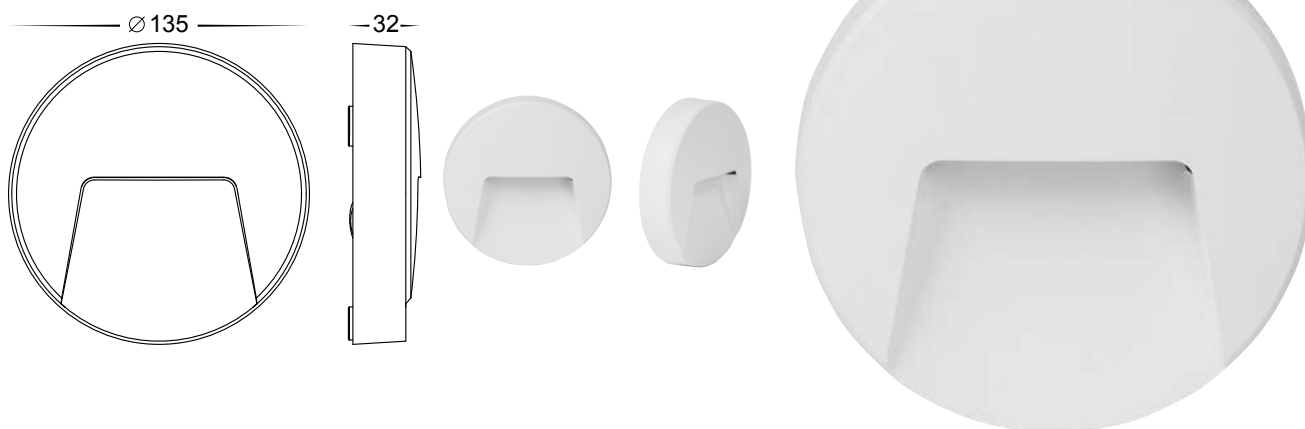


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3221T-WHT	3000K 4000K 5500K	90lm 95lm 100lm	12v DC	Tri-Colour Built-in 3w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3222T-WHT	3000K 4000K 5500K	90lm 95lm 100lm	12v DC	Tri-Colour Built-in 3w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3223T-WHT	3000K 4000K 5500K	90lm 95lm 100lm	12v DC	Tri-Colour Built-in 3w SMD LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334





Seevive

- Rectangle surface mounted step light
- PC Black & White
- IP Rating: IP65

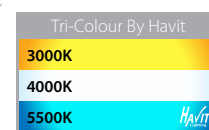
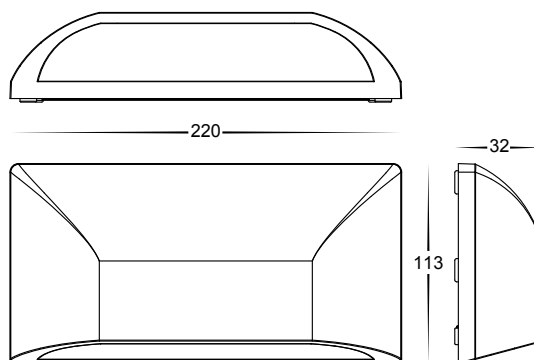


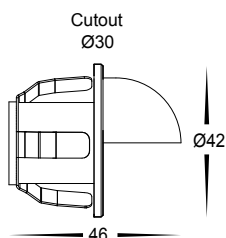


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3225T-BLK	3000K 4000K 5500K	150lm 155lm 160lm	12v DC	Tri-Colour Built-in 5w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3225T-WHT	3000K 4000K 5500K	150lm 155lm 160lm	12v DC	Tri-Colour Built-in 5w SMD LED

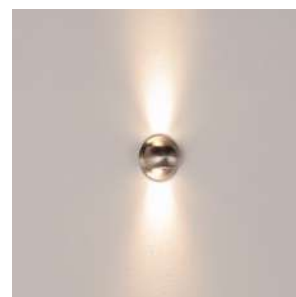
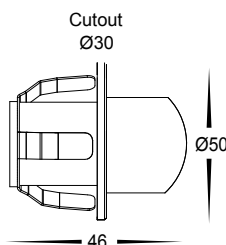
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



HV3263W



HV3264W



Sako 316 Stainless Steel

- Recessed mini step lights
- 316 Stainless Steel
- 30° beam angle
- Cut out: 30mm
- Installation depth: 40mm
- IP Rating: IP67



IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3263W	3000k	100lm	12v DC	Built-in 1.5w COB
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3264W	3000k	2x 70lm	12v DC	Built-in 2w COB

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Taso Aluminium Black

- Surface mounted step light
- Aluminium Poly Powder Coated Black
- PC Diffuser
- IP Rating: IP54

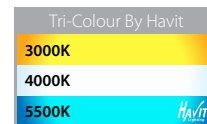
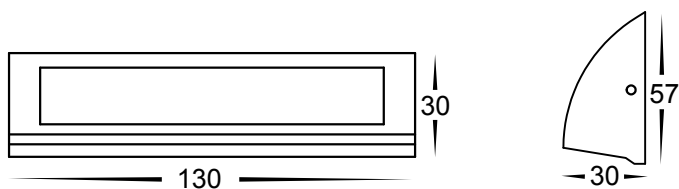


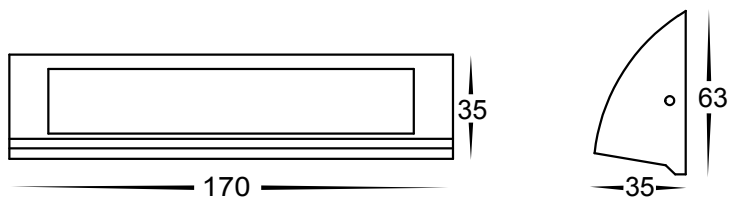
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3270T-BLK-12V	3000K 4000K 5500K	180lm 190lm 200lm	12v DC	Tri-Colour Built-in 3.5w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3271T-BLK-12V	3000K 4000K 5500K	350lm 360lm 370lm	12v DC	Tri-Colour Built-in 6w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3272T-BLK-12V	3000K 4000K 5500K	600lm 625lm 650lm	12v DC	Tri-Colour Built-in 10w SMD LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

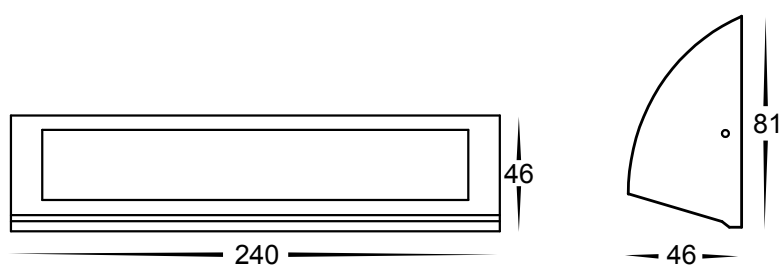
HV3270-BLK



HV3271-BLK



HV3272-BLK



Taso Aluminium White

- Surface mounted step light
- Aluminium Poly Powder Coated White
- PC Diffuser
- IP Rating: IP54

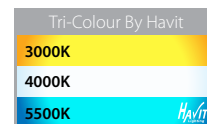
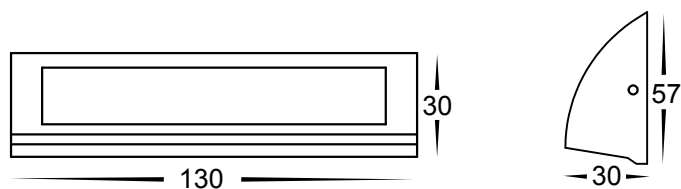
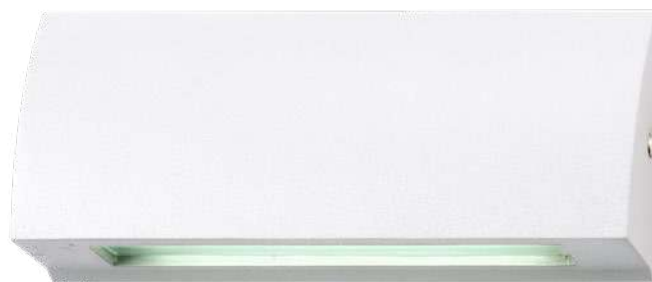
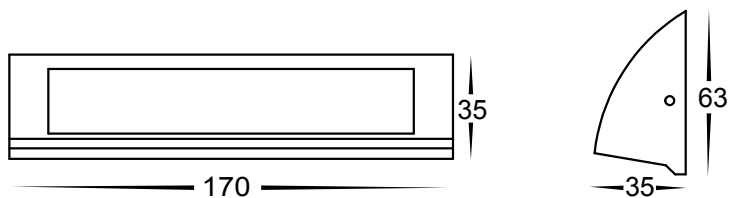


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3270T-WHT-12V	3000K 4000K 5500K	180lm 190lm 200lm	12v DC	Tri-Colour Built-in 3.5w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3271T-WHT-12V	3000K 4000K 5500K	350lm 360lm 370lm	12v DC	Tri-Colour Built-in 6w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3272T-WHT-12V	3000K 4000K 5500K	600lm 625lm 650lm	12v DC	Tri-Colour Built-in 10w SMD LED

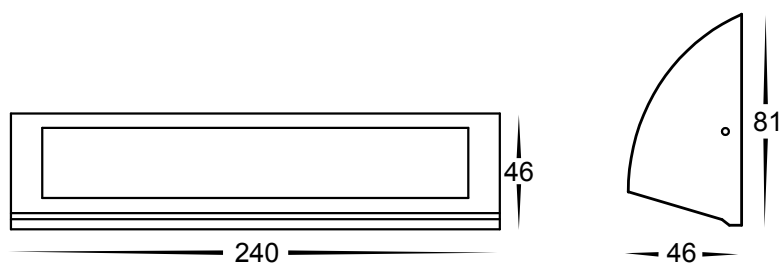
HV3270-WHT



HV3271-WHT



HV3272-WHT



Taso Aluminium Silver

- Surface mounted step light
- Aluminium Poly Powder Coated Silver
- PC Diffuser
- IP Rating: IP54

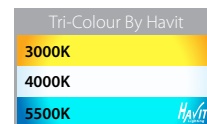



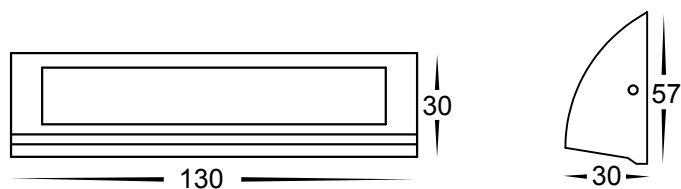
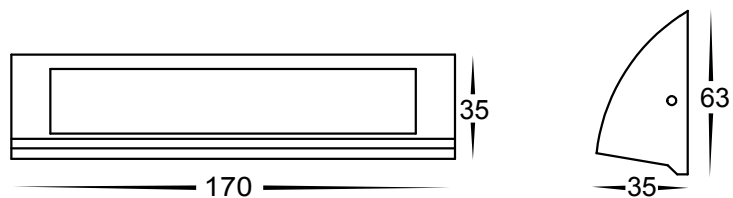
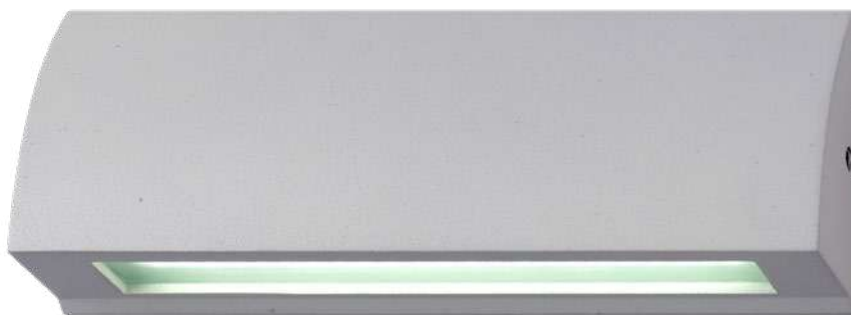


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3270T-SLV-12V	3000K 4000K 5500K	180lm 190lm 200lm	12v DC	Tri-Colour Built-in 3.5w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3271T-SLV-12V	3000K 4000K 5500K	350lm 360lm 370lm	12v DC	Tri-Colour Built-in 6w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3272T-SLV-12V	3000K 4000K 5500K	600lm 625lm 650lm	12v DC	Tri-Colour Built-in 10w SMD LED

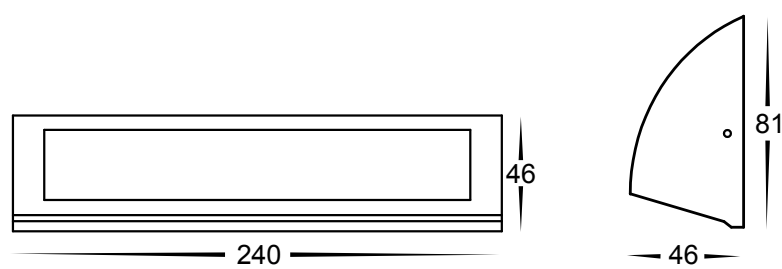
HV3270-SLV



HV3271-SLV



HV3272-SLV



Virisma Aluminium Black

- Surface mounted step light
- Aluminium Poly Powder Coated Black
- Opal PC diffuser
- IP Rating: IP54

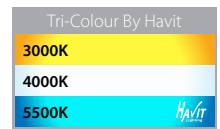



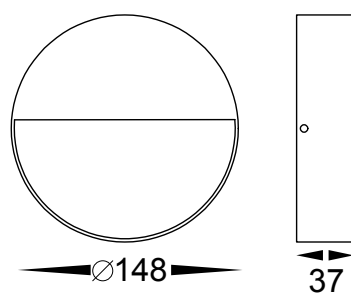
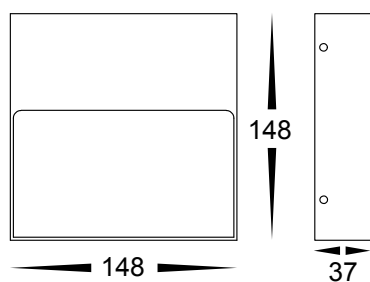
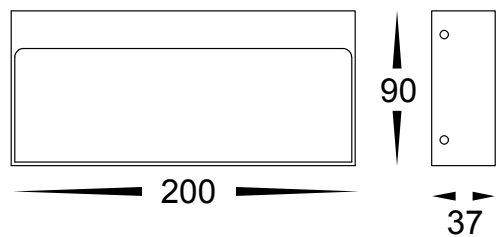


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3275T-BLK-240V	3000K 4000K 5500K	200lm 210lm 220lm	240v	Tri-Colour Built-in 6w SMD LED
	HV3275T-BLK-12V	3000K 4000K 5500K	200lm 210lm 220lm	12v DC	Tri-Colour Built-in 6w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3276T-BLK-240V	3000K 4000K 5500K	110lm 115lm 120lm	240v	Tri-Colour Built-in 4w SMD LED
	HV3276T-BLK-12V	3000K 4000K 5500K	110lm 115lm 120lm	12v DC	Tri-Colour Built-in 4w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3277T-BLK-240V	3000K 4000K 5500K	110lm 115lm 120lm	240v	Tri-Colour Built-in 4w SMD LED
	HV3277T-BLK-12V	3000K 4000K 5500K	110lm 115lm 120lm	12v DC	Tri-Colour Built-in 4w SMD LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Virisma Aluminium White

- Surface mounted step light
- Aluminium Poly Powder Coated White
- Opal PC diffuser
- IP Rating: IP54

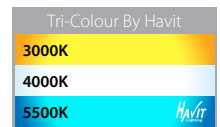



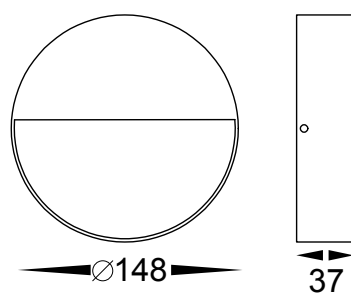
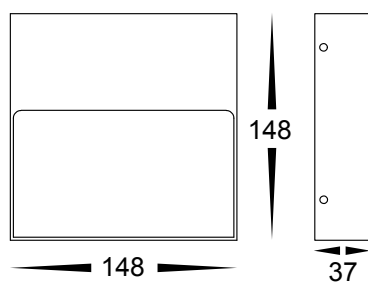
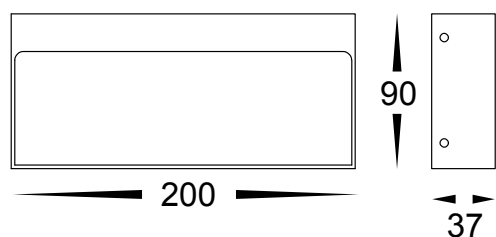


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3275T-WHT-240V	3000K 4000K 5500K	200lm 210lm 220lm	240v	Tri-Colour Built-in 6w SMD LED
	HV3275T-WHT-12V	3000K 4000K 5500K	200lm 210lm 220lm	12v DC	Tri-Colour Built-in 6w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3276T-WHT-240V	3000K 4000K 5500K	110lm 115lm 120lm	240v	Tri-Colour Built-in 4w SMD LED
	HV3276T-WHT-12V	3000K 4000K 5500K	110lm 115lm 120lm	12v DC	Tri-Colour Built-in 4w SMD LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3277T-WHT-240V	3000K 4000K 5500K	110lm 115lm 120lm	240v	Tri-Colour Built-in 4w SMD LED
	HV3277T-WHT-12V	3000K 4000K 5500K	110lm 115lm 120lm	12v DC	Tri-Colour Built-in 4w SMD LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Shim Aluminium Black

- Surface mounted LED step light
- Aluminium Poly Powder Coated Black
- Opal PC diffuser
- IP Rating: IP54

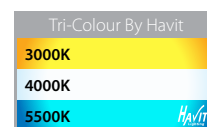
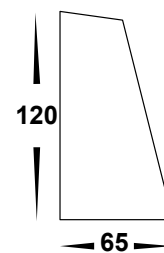
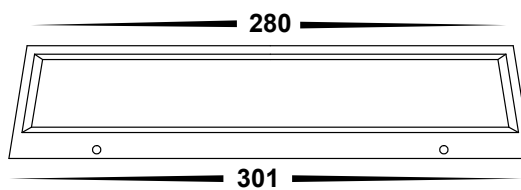
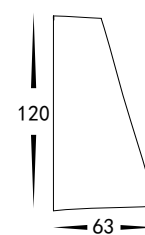


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3278T-BLK	3000K 4000K 5500K	960lm 1020lm 1080lm	240V	Tri-Colour Built-in 12w SMD LED
	HV3278T-BLK-12V	3000K 4000K 5500K	960lm 1020lm 1080lm	12v DC	

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3279T-BLK	3000K 4000K 5500K	1120lm 1150lm 1190lm	240V	Tri-Colour Built-in 14w SMD LED
	HV3279T-BLK-12V	3000K 4000K 5500K	1120lm 1150lm 1190lm	12v DC	

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Shim Aluminium White

- Surface mounted LED step light
- Aluminium Poly Powder Coated White
- Opal PC diffuser
- IP Rating: IP54

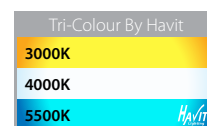
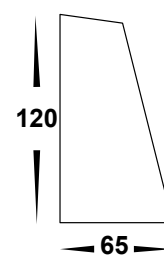
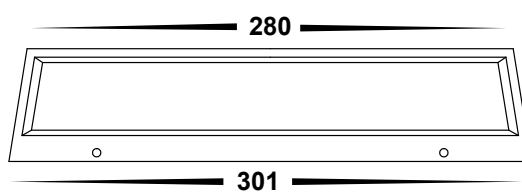
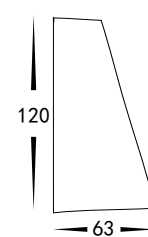


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3278T-WHT	3000K 4000K 5500K	960lm 1020lm 1080lm	240V	Tri-Colour Built-in 12w SMD LED
	HV3278T-WHT-12V	3000K 4000K 5500K	960lm 1020lm 1080lm	12v DC	

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3279T-WHT	3000K 4000K 5500K	1120lm 1150lm 1190lm	240V	Tri-Colour Built-in 14w SMD LED
	HV3279T-WHT-12V	3000K 4000K 5500K	1120lm 1150lm 1190lm	12v DC	

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334





316 Stainless Steel



Solid Brass

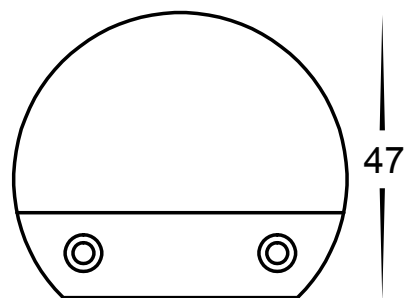
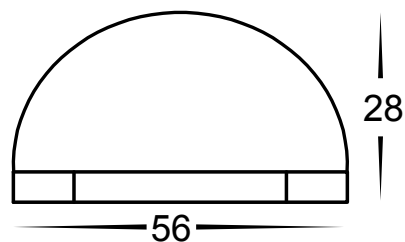


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3281C-SS316	5500K	255lm	12v DC	Built-in 3w COB
	HV3281W-SS316	3000k	240lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3281C-BR	5500K	255lm	12v DC	Built-in 3w COB
	HV3281W-BR	3000k	240lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Antique Brass



Occhio

- Surface mounted LED eyelid step light
- 316 Stainless Steel, Solid Brass & Antique Brass
- IP Rating: IP65



IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3281C-AB	5500K	255lm	12v DC	Built-in 3w COB
	HV3281W-AB	3000k	240lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Ridge

- Surface mounted LED step light
- Solid Bronze, Aluminium Black and White
- IP Rating: IP54

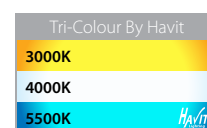
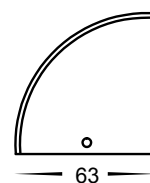
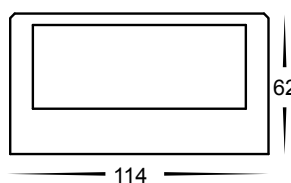


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3283T-BRZ	3000K 4000K 5500K	460lm 490lm 520lm	12v DC	Tri-Colour Built-in 6w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3283T-BLK	3000K 4000K 5500K	460lm 490lm 520lm	12v DC	Tri-Colour Built-in 6w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3283T-WHT	3000K 4000K 5500K	460lm 490lm 520lm	12v DC	Tri-Colour Built-in 6w LED

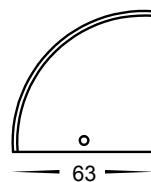
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



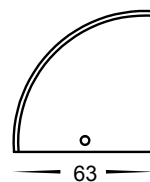
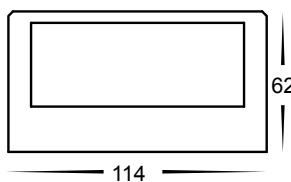
Solid Bronze



Aluminium Black



Aluminium White



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Stylez

- Rectangular LED steplight
- 316 Stainless Steel, Solid Brass & Antique Brass
- IP Rating: IP65

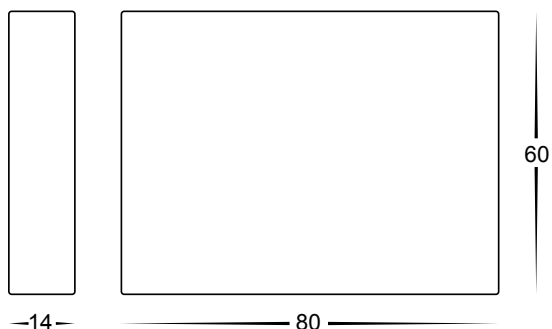





IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3288C-SS316	5500K	250lm	12v DC	Built-in 3w SMD LED
	HV3288W-SS316	3000k	240lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3288C-BR	5500K	250lm	12v DC	Built-in 3w SMD LED
	HV3288W-BR	3000k	240lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3288C-AB	5500K	250lm	12v DC	Built-in 3w SMD LED
	HV3288W-AB	3000k	240lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Stylez

- Rectangular up & down LED steplight
- 316 Stainless Steel, Solid Brass & Antique Brass
- IP Rating: IP65

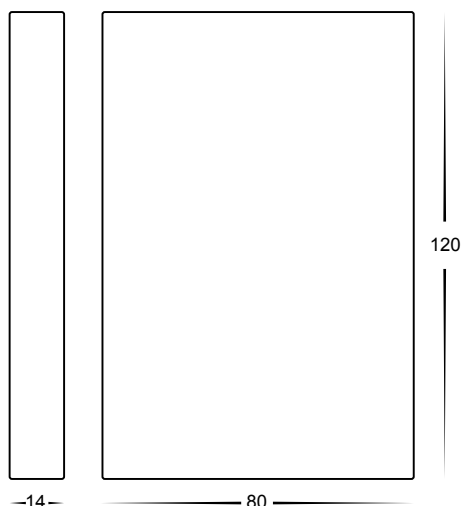



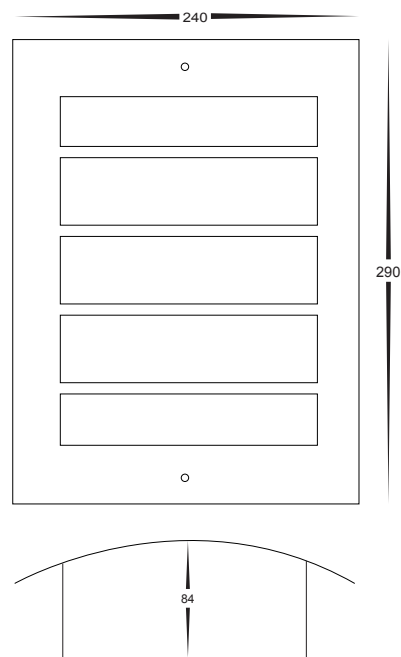


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3289C-SS316	5500K	2x 250lm	12v DC	Built-in 2x 3w SMD LED
	HV3289W-SS316	3000k	2x 240lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3289C-BR	5500K	2x 250lm	12v DC	Built-in 2x 3w SMD LED
	HV3289W-BR	3000k	2x 240lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3289C-AB	5500K	2x 250lm	12v DC	Built-in 2x 3w SMD LED
	HV3289W-AB	3000k	2x 240lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Mask 316 Stainless Steel

- Wall mask
- 316 Stainless Steel Marine Grade
- Five slot with opal diffuser
- IP Rating: IP54

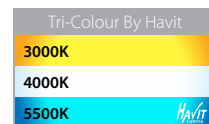


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV36042T	3000K 4000K 5500K	520lm 550lm 580lm	240v	Tri-Colour Built-in 10w SMD LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Wall Lights By Havit



Taper 316 Stainless Steel

- Wall wedge
- 316 Stainless Steel Marine Grade
- Frosted tempered glass
- IP Rating: IP44



Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v,24v or 240v LED Globe

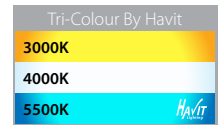
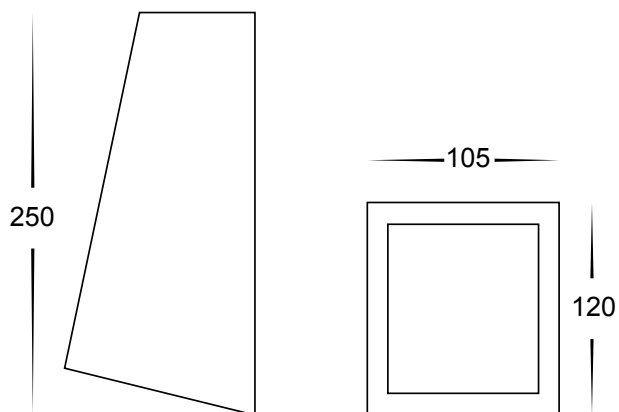


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3601T-SS316	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV3602T-SS316	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV3605T-SS316	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
	HV3608C-SS316	5500K	110lm	12v DC	1.5w SMD G4 Bi pin
	HV3608W-SS316	3000k	90lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



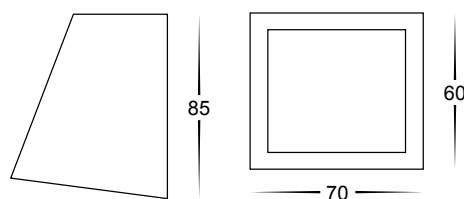
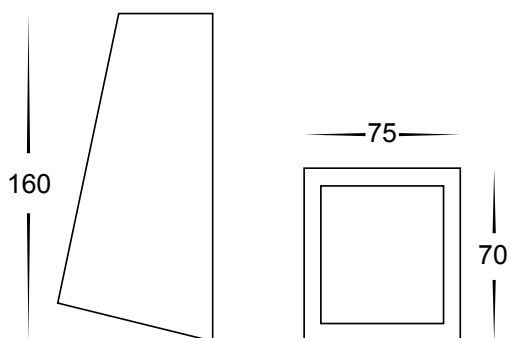
HV3601-SS316



HV3602-SS316/HV3605-SS316



HV3608-SS316



Taper Stainless Steel Black

- Wall wedge
- Stainless Steel Poly Powder Coated Black
- Frosted tempered glass
- IP Rating: IP44



**Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v,24v or 240v LED Globe**

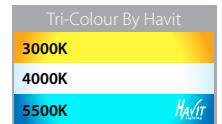
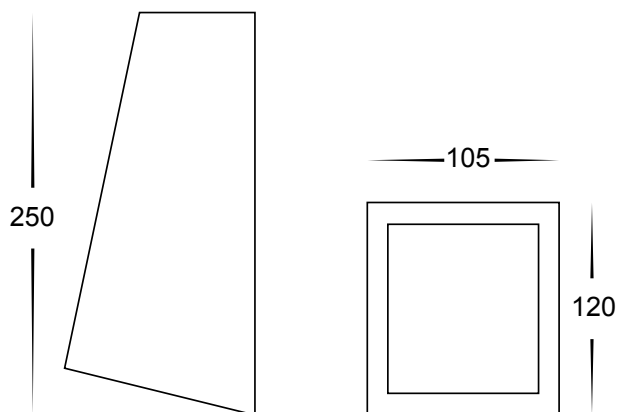


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3601T-BLK	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV3602T-BLK	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV3605T-BLK	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
	HV3608C-BLK	5500K	110lm	12v DC	1.5w SMD G4 Bi pin
	HV3608W-BLK	3000k	90lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



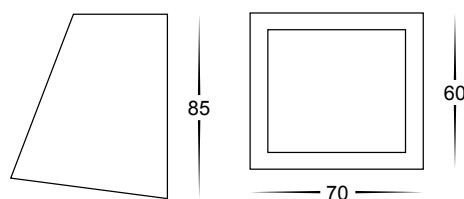
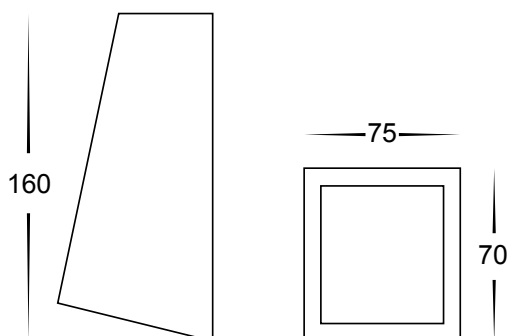
HV3601-BLK



HV3602-BLK/HV3605-BLK



HV3608-BLK



Taper Stainless Steel White

- Wall wedge
- Stainless Steel Poly Powder Coated White
- Frosted tempered glass
- IP Rating: IP44



**Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v,24v or 240v LED Globe**

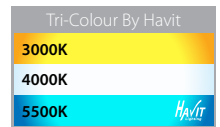
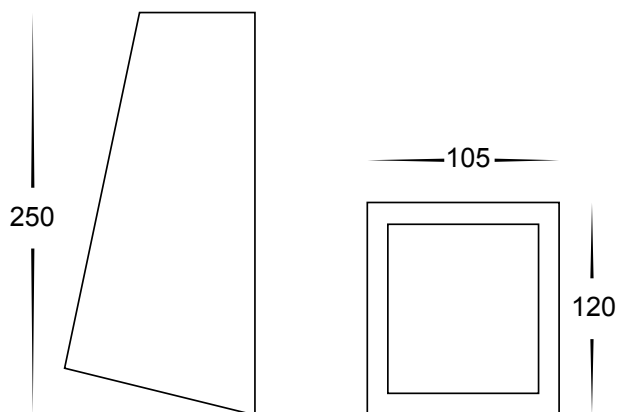


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3601T-WHT	3000K 4000K 5500K	700lm 720lm 740lm	240v	 Tri-Colour 9w E27 LED
	HV3602T-WHT	3000K 4000K 5500K	270lm 285lm 300lm	240v	 Tri-Colour 5w GU10 LED
	HV3605T-WHT	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	 Tri-Colour 5w MR16 LED
	HV3608C-WHT	5500K	110lm	12v DC	 1.5w SMD G4 Bi pin
	HV3608W-WHT	3000k	90lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



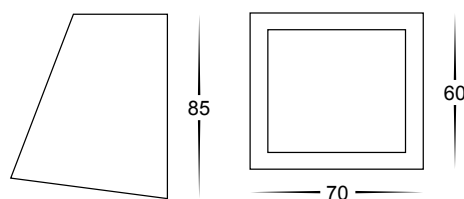
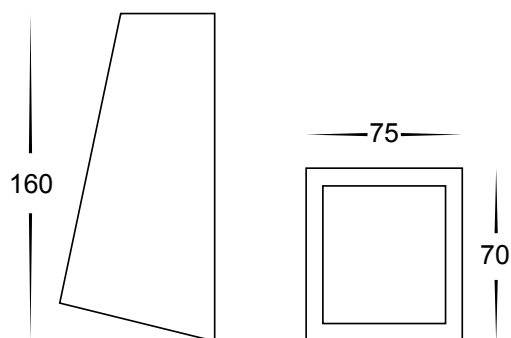
HV3601-WHT



HV3602-WHT/HV3605-WHT

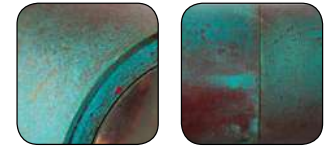


HV3608-WHT

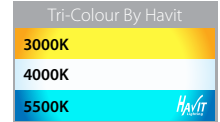


Taper Copper

- Wall wedge
- Copper body
- Frosted tempered glass
- Fast weathering for classic aged appearance
- IP Rating: IP44



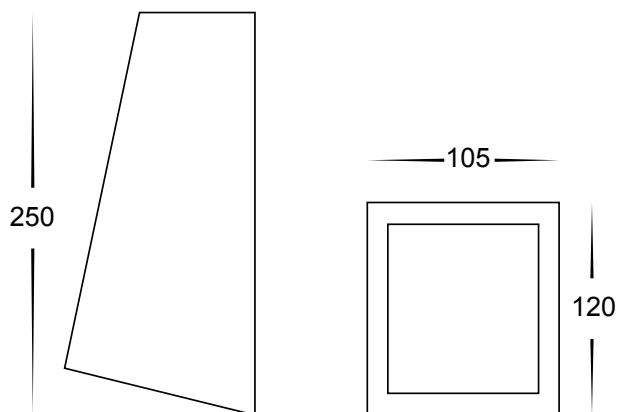
Weathered Copper



**Compatible with
Tri-Colour 9in1
3w, 5w, 7w
12v,24v or 240v LED Globe**

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3601T-CP	3000K 4000K 5500K	700lm 720lm 740lm	240v	Tri-Colour 9w E27 LED
	HV3602T-CP	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
	HV3605T-CP	3000K 4000K 5500K	270lm 285lm 300lm	12v DC	Tri-Colour 5w MR16 LED
	HV3608C-CP	5500K	110lm	12v DC	1.5w SMD G4 Bi pin
	HV3608W-CP	3000k	90lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



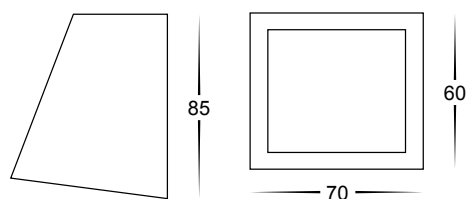
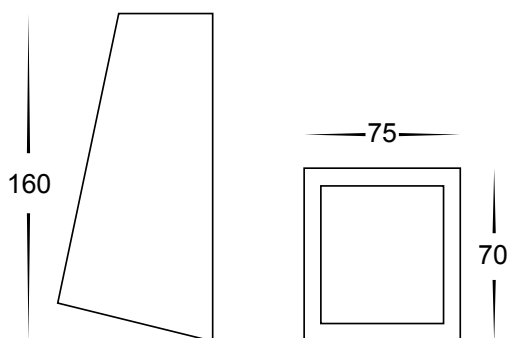
HV3601-CP



HV3602-CP/HV3605-CP

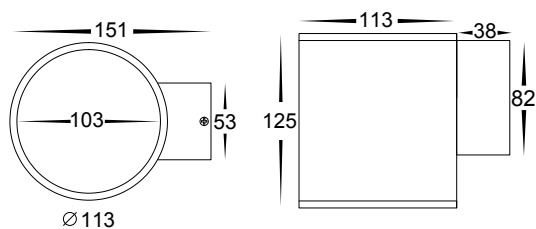


HV3608-CP

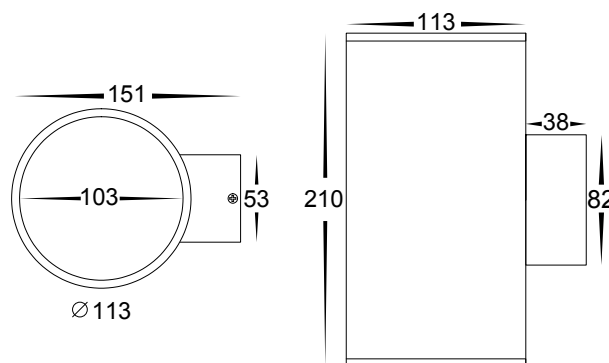




Fixed Down



Up & Down



Porter Aluminium White

- Large round wall pillar light
- Aluminium Poly Powder Coated White
- Tempered glass
- IP Rating: IP54

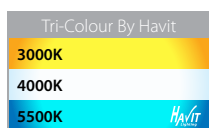


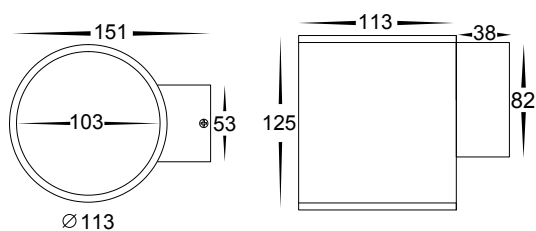


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3628T-WHT	3000K 4000K 5500K	1200lm 1275lm 1350lm	240V	Tri-Colour Built-in 15w
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3629T-WHT	3000K 4000K 5500K	2x 1200lm 2x 1275lm 2x 1350lm	240V	Tri-Colour Built-in 2x 15w

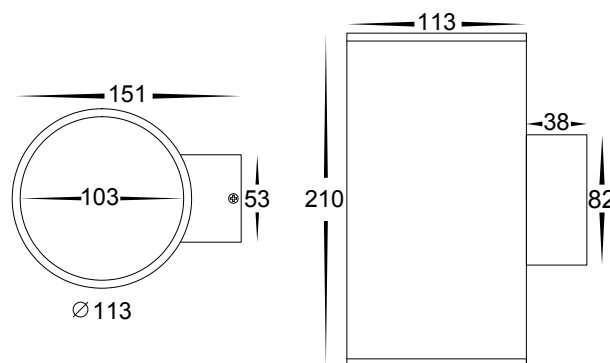
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Fixed Down



Up & Down



Porter Aluminium Black

- Large round wall pillar light
- Aluminium Poly Powder Coated Black
- Tempered glass
- IP Rating: IP54

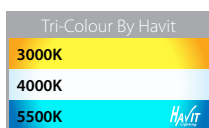
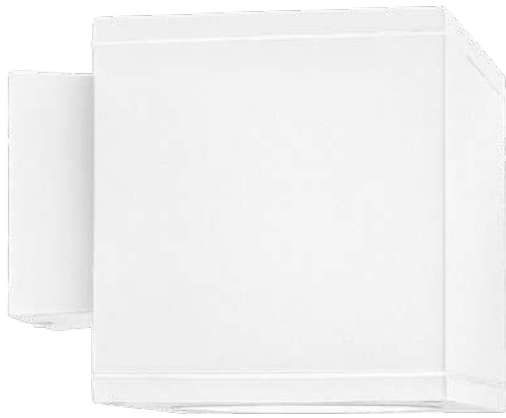
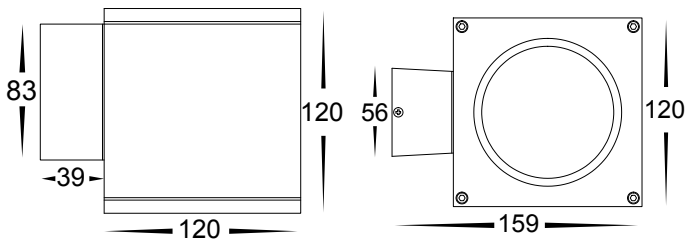


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3628T-BLK	3000K 4000K 5500K	1200lm 1275lm 1350lm	240V	Tri-Colour Built-in 15w
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3629T-BLK	3000K 4000K 5500K	2x 1200lm 2x 1275lm 2x 1350lm	240V	Tri-Colour Built-in 2x 15w

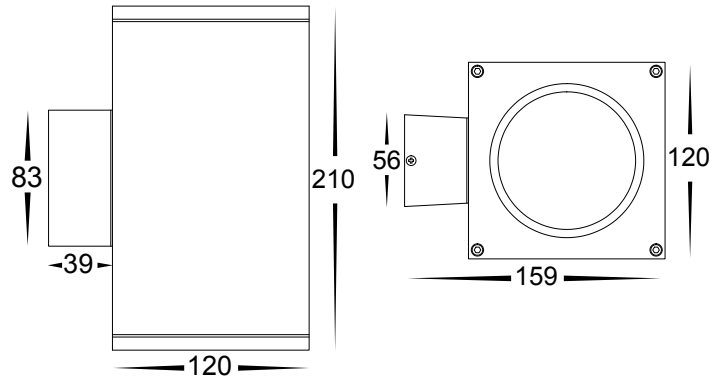
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Fixed Down



Up & Down



Porter Aluminium White

- Large square wall pillar light
- Aluminium Poly Powder Coated White
- Tempered glass
- IP Rating: IP54

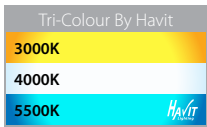

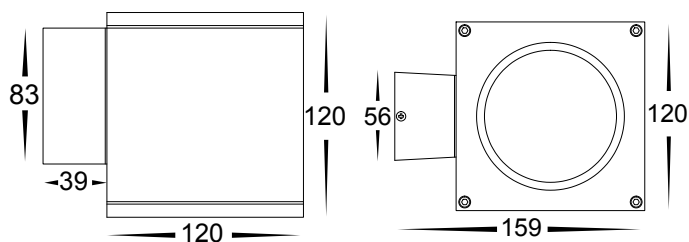


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3628T-WHT-SQ	3000K 4000K 5500K	1200lm 1275lm 1350lm	240V	Tri-Colour Built-in 15w
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3629T-WHT-SQ	3000K 4000K 5500K	2x 1200lm 2x 1275lm 2x 1350lm	240V	Tri-Colour Built-in 2x 15w

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Fixed Down



Up & Down

Porter Aluminium Black

- Large square wall pillar light
- Aluminium Poly Powder Coated Black
- Tempered glass
- IP Rating: IP54

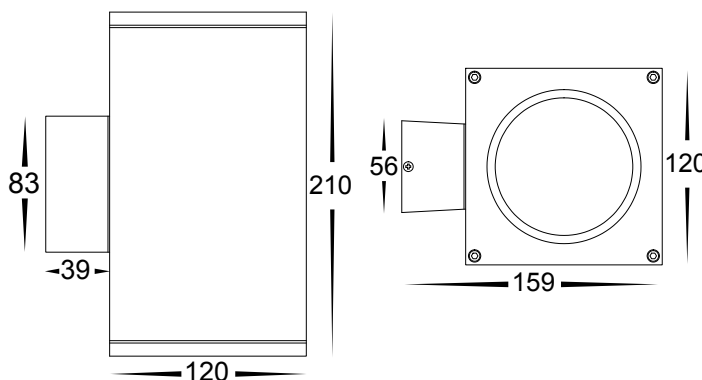
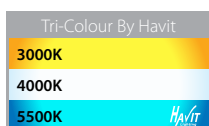


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3628T-BLK-SQ	3000K 4000K 5500K	1200lm 1275lm 1350lm	240V	Tri-Colour Built-in 15w
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3629T-BLK-SQ	3000K 4000K 5500K	2x 1200lm 2x 1275lm 2x 1350lm	240V	Tri-Colour Built-in 2x 15w

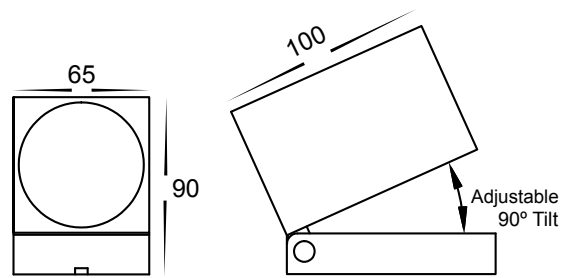
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Single Adjustable

Accord Aluminium White

- Square wall lights
- Aluminium Poly Powder Coated White
- Tempered glass
- IP Rating: IP54



Tri-Colour By Havit

3000K
4000K
5500K

HAVIT

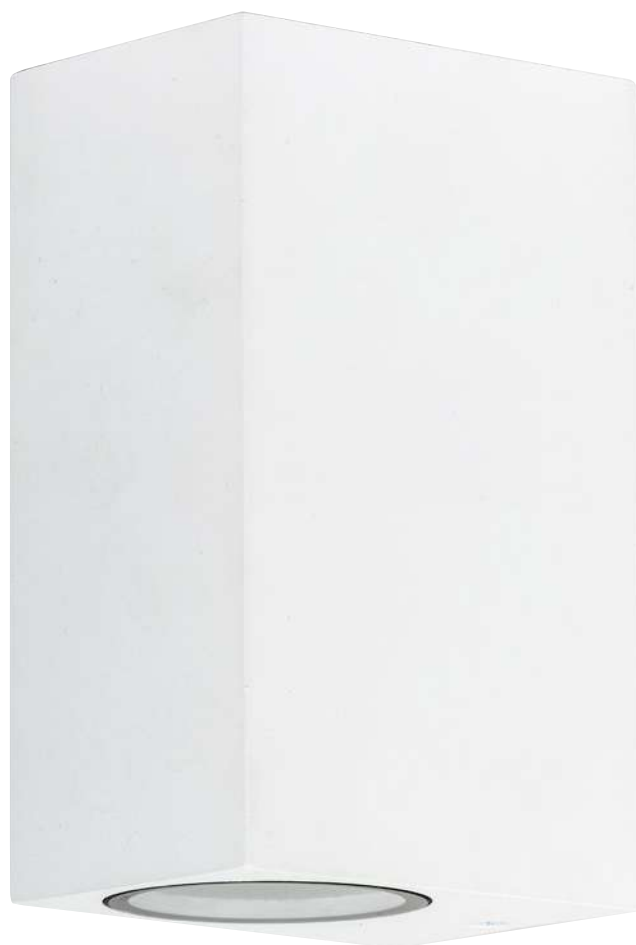
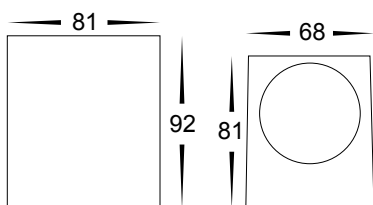
IP54
INDOOR/OUTDOOR
WEATHERPROOF

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3630T-WHT	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Fixed Down



Up & Down

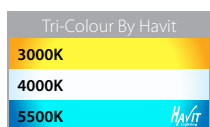
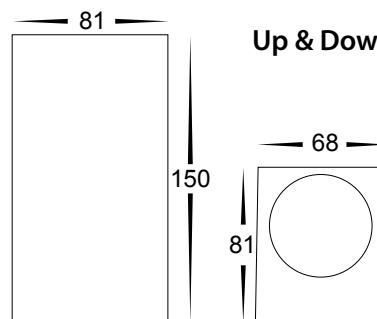


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3631T-WHT	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3632T-WHT	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED

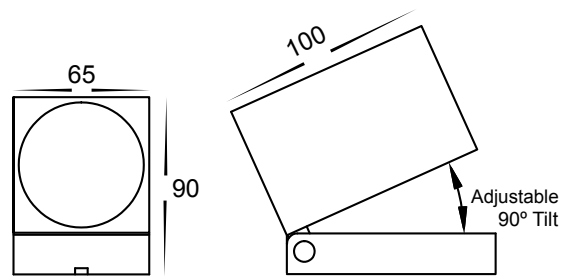
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Single Adjustable

Accord Aluminium Black

- Square wall light
- Aluminium Poly Powder Coated Black
- Tempered glass
- IP Rating: IP54



Tri-Colour By Havit

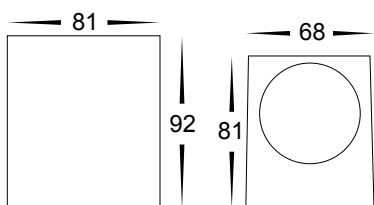
3000K
4000K
5500K

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3630T-BLK	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Fixed Down



Up & Down

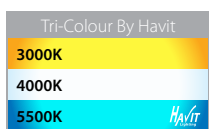
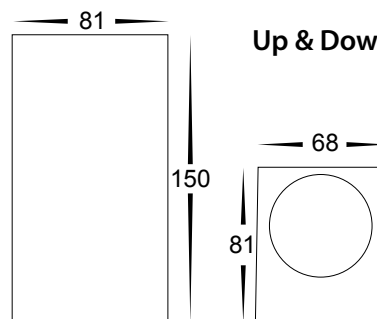
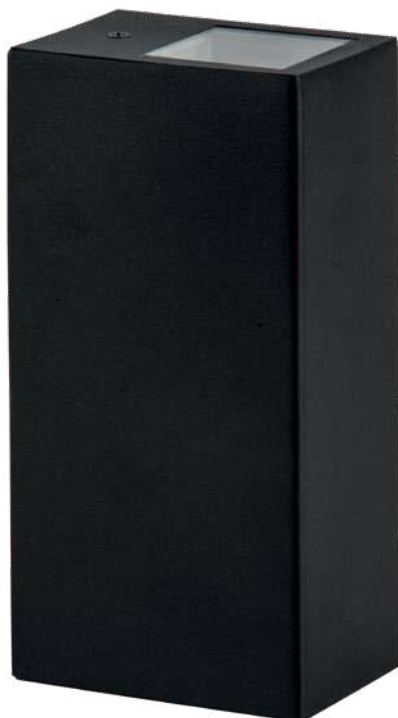


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3631T-BLK	3000K 4000K 5500K	270lm 285lm 300lm	240v	Tri-Colour 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3632T-BLK	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



316 Stainless Steel



316 Stainless Steel Black



316 Stainless Steel White

Veldi

- Square up & down wall pillar light
- 316 Stainless Steel and Powder Coated 316 Stainless Steel
- Tempered glass
- IP Rating: IP54

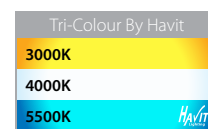
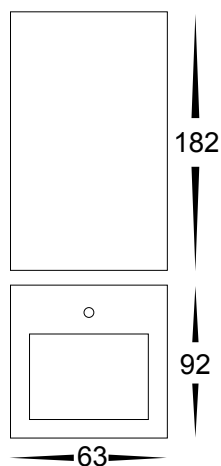


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3633T-SS316	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3633T-BLK	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3633T-WHT	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Aluminium Black



Aluminium White

Platz Aluminium

- Square up & down wall pillar light
- Aluminium Poly Powder Coated
- Tempered glass
- IP Rating: IP54

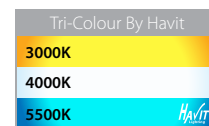
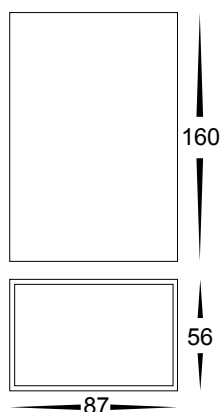




IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3634T-BLK	3000K 4000K 5500K	2x 220lm 2x 230lm 2x 240lm	240v	Tri-Colour Built-in 2x 3w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3634T-WHT	3000K 4000K 5500K	2x 220lm 2x 230lm 2x 240lm	240v	Tri-Colour Built-in 2x 3w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Aluminium Black



Aluminium White

Savannah Aluminium

- Up & Down wall light
- Aluminium Poly Powder Coated Black and White
- Tempered glass
- IP Rating: IP54

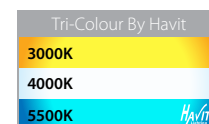
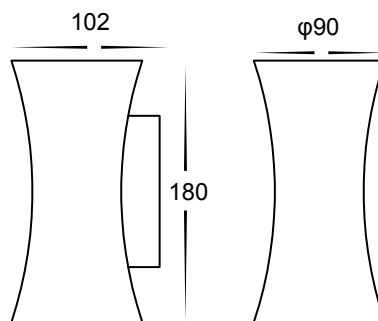




IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3635T-BLK	3000K 4000K 5500K	2x 225lm 2x 230lm 2x 235lm	240v	Tri-Colour Built-in 2x 4.5w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3635T-WHT	3000K 4000K 5500K	2x 225lm 2x 230lm 2x 235lm	240v	Tri-Colour Built-in 2x 4.5w LED

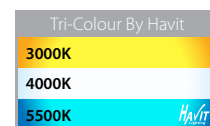
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Aluminium Black



Aluminium White



Nikki Aluminium

- Up & Down wall light
- Aluminium Poly Powder Coated Black and White
- Tempered glass
- IP Rating: IP54

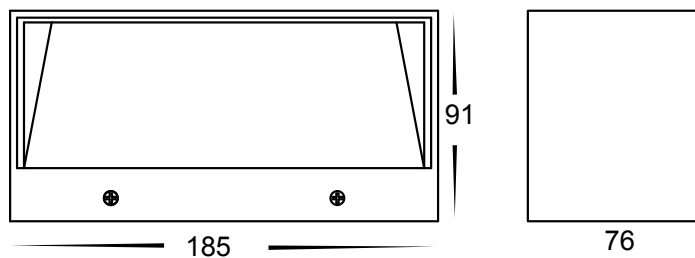

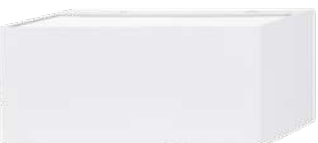
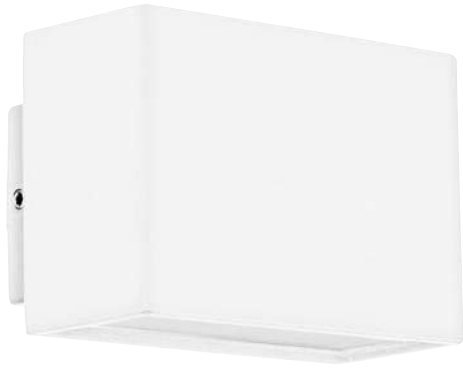
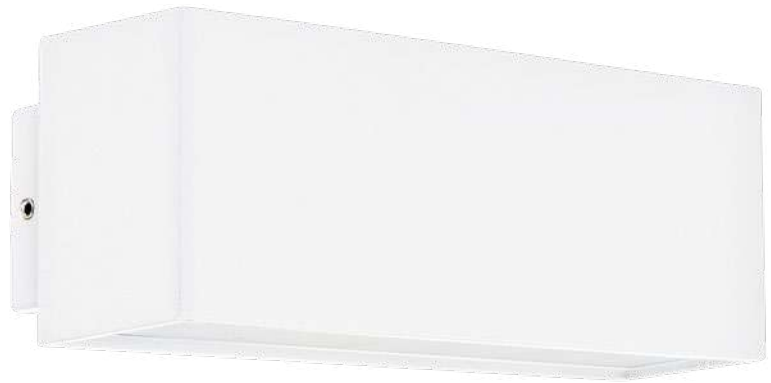
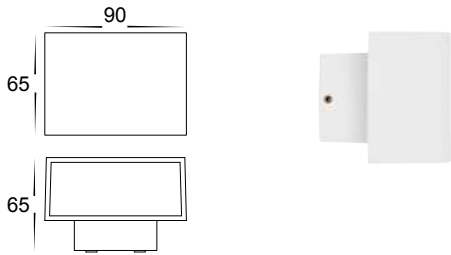


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3637T-BLK	3000K 4000K 5500K	2x 375lm 2x 400lm 2x 425lm	240v	Tri-Colour Built-in 10w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3637T-WHT	3000K 4000K 5500K	2x 375lm 2x 400lm 2x 425lm	240v	Tri-Colour Built-in 10w LED

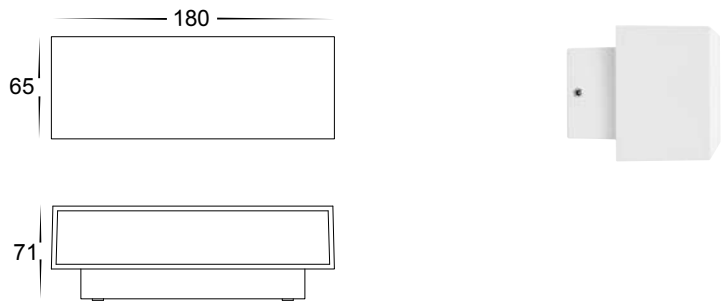
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Mini Blokk White



Blokk White



Blokk Aluminium White

- Up & Down wall light
- Aluminium Poly Powder Coated White
- Frosted tempered glass
- IP Rating: IP54

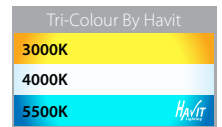


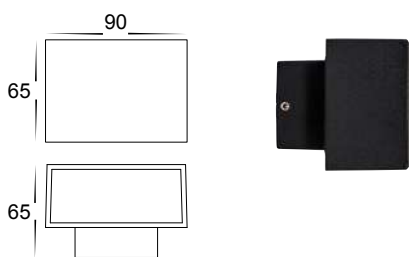


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3638C-WHT	5500K	2x 210lm	240v	Built-in 2x 3w LED
	HV3638W-WHT	3000k	2x 200lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3639T-WHT	3000K 4000K 5500K	2x 300lm 2x 310lm 2x 320lm	240v	Tri-Colour Built-in 2x 4.5w LED

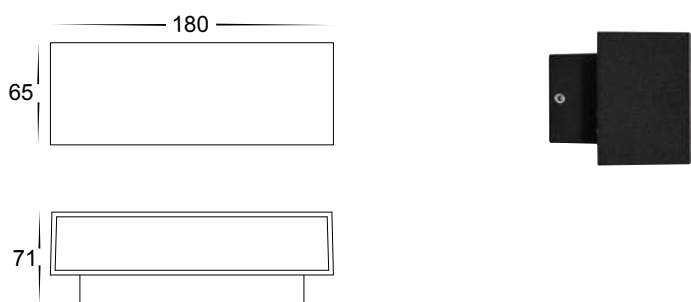
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Mini Blokk Black



Blokk Black



Blokk Aluminium Black

- Up & Down wall light
- Aluminium Poly Powder Coated Black
- Frosted tempered glass
- IP Rating: IP54

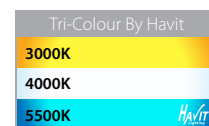


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3638C-BLK	5500K	2x 210lm	240v	Built-in 2x 3w LED
	HV3638W-BLK	3000k	2x 200lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3639T-BLK	3000K 4000K 5500K	2x 300lm 2x 310lm 2x 320lm	240v	Tri-Colour Built-in 2x 4.5w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Lisse Aluminium White

- Slim wall light
- Aluminium Poly Powder Coated White
- Tempered glass
- IP Rating: IP54

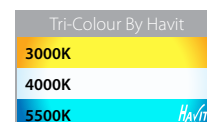
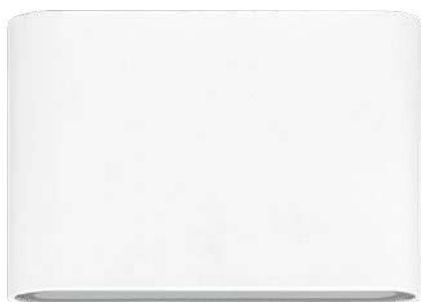
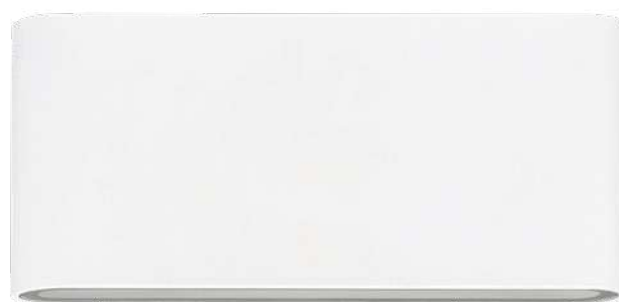
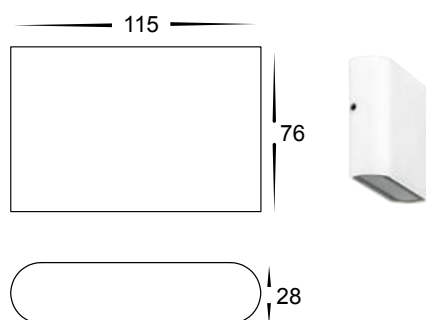


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3641T-WHT	3000K 4000K 5500K	240lm 250lm 240lm	240v	Tri-Colour Built-in 4w LED
	HV3641T-WHT-12V	3000K 4000K 5500K	240lm 250lm 240lm	12v DC	
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3642T-WHT	3000K 4000K 5500K	2x 180lm 2x 187lm 2x 195lm	240v	Tri-Colour Built-in 2x 3w LED
	HV3642T-WHT-12V	3000K 4000K 5500K	2x 180lm 2x 187lm 2x 195lm	12v DC	
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3643T-WHT	3000K 4000K 5500K	360lm 375lm 390lm	240v	Tri-Colour Built-in 6w LED
	HV3643T-WHT-12V	3000K 4000K 5500K	360lm 375lm 390lm	12v DC	
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3644T-WHT	3000K 4000K 5500K	2x 300lm 2x 310lm 2x 325lm	240v	Tri-Colour Built-in 2x 5w LED
	HV3644T-WHT-12V	3000K 4000K 5500K	2x 300lm 2x 310lm 2x 325lm	12v DC	

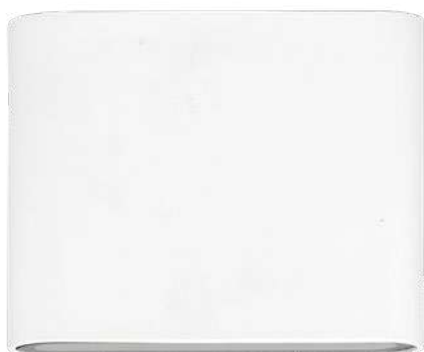
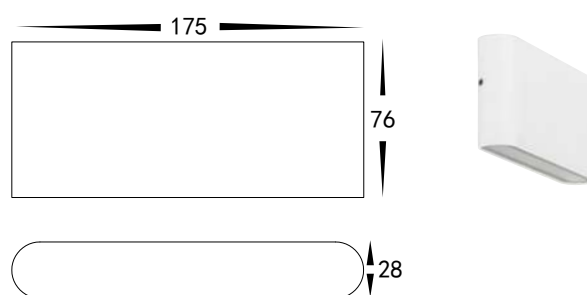
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



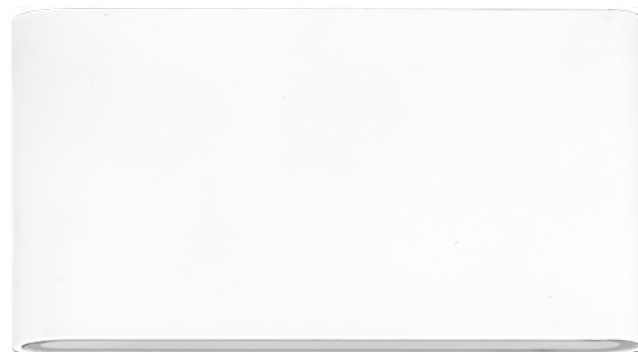
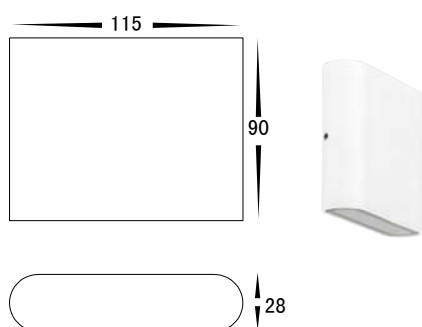
**Fixed Down
HV3641T-WHT**



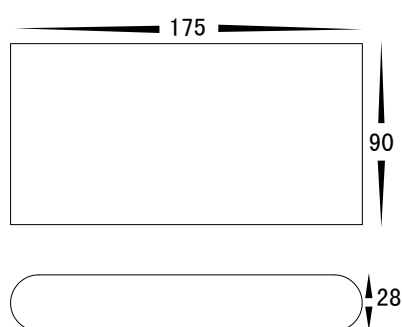
**Fixed Down
HV3643T-WHT**



**Up & Down
HV3642T-WHT**



**Up & Down
HV3644T-WHT**



Lisse Aluminium Black

- Slim wall light
- Aluminium Poly Powder Coated Black
- Tempered glass
- IP Rating: IP54

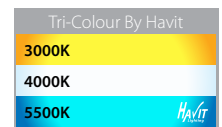
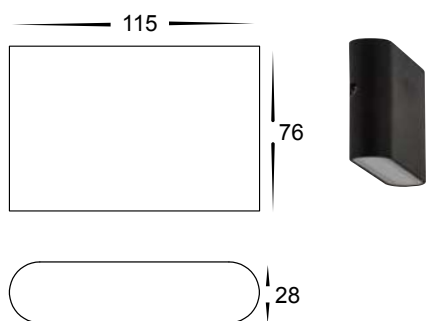


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3641T-BLK	3000K 4000K 5500K	240lm 250lm 240lm	240v	Tri-Colour Built-in 4w LED
	HV3641T-BLK-12V	3000K 4000K 5500K	240lm 250lm 240lm	12v DC	
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3642T-BLK	3000K 4000K 5500K	2x 180lm 2x 187lm 2x 195lm	240v	Tri-Colour Built-in 2x 3w LED
	HV3642T-BLK-12V	3000K 4000K 5500K	2x 180lm 2x 187lm 2x 195lm	12v DC	
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3643T-BLK	3000K 4000K 5500K	360lm 375lm 390lm	240v	Tri-Colour Built-in 6w LED
	HV3643T-BLK-12V	3000K 4000K 5500K	360lm 375lm 390lm	12v DC	
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3644T-BLK	3000K 4000K 5500K	2x 300lm 2x 310lm 2x 325lm	240v	Tri-Colour Built-in 2x 5w LED
	HV3644T-BLK-12V	3000K 4000K 5500K	2x 300lm 2x 310lm 2x 325lm	12v DC	

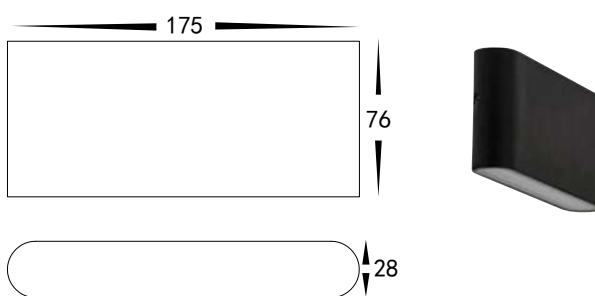
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



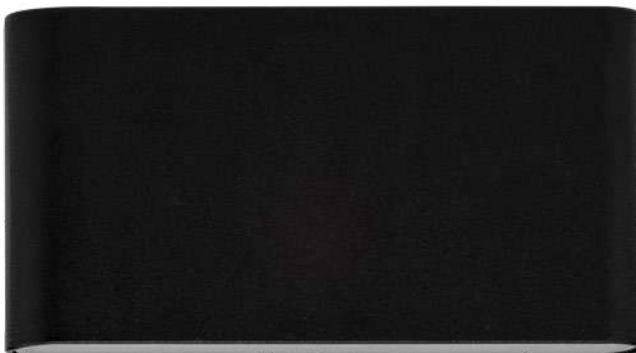
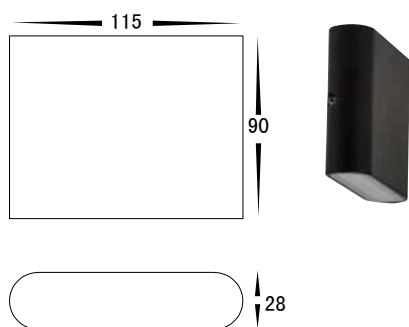
**Fixed Down
HV3641T-BLK**



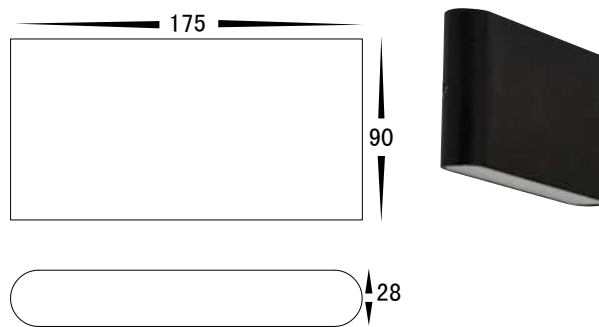
**Fixed Down
HV3643T-BLK**



**Up & Down
HV3642T-BLK**



**Up & Down
HV3644T-BLK**



Essil Aluminium White

- Slim wall light
- Aluminium Poly Powder Coated white
- Tempered glass
- IP Rating: IP54

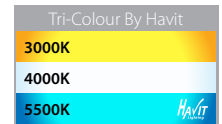
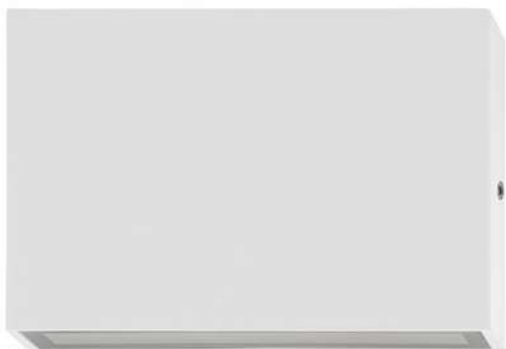
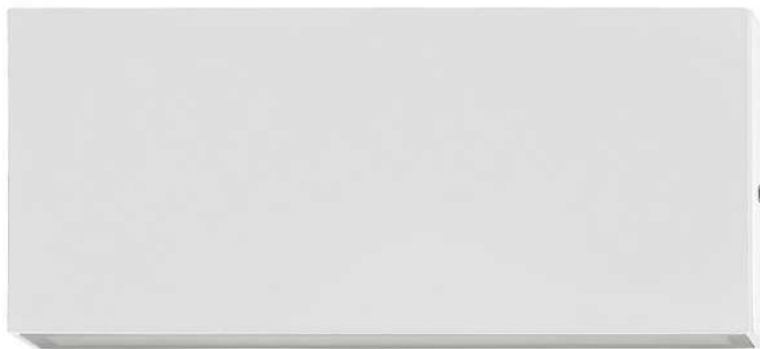
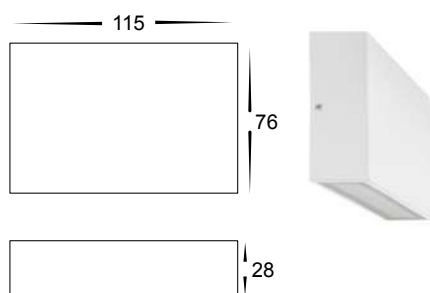


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3645T-WHT	3000K 4000K 5500K	240lm 250lm 240lm	240v	Tri-Colour Built-in 4w LEDw
	HV3645T-WHT-12V	3000K 4000K 5500K	240lm 250lm 240lm	12v DC	
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3646T-WHT	3000K 4000K 5500K	2x 180lm 2x 187lm 2x 195lm	240v	Tri-Colour Built-in 2x 3w LED
	HV3646T-WHT-12V	3000K 4000K 5500K	2x 180lm 2x 187lm 2x 195lm	12v DC	
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3647T-WHT	3000K 4000K 5500K	360lm 375lm 390lm	240v	Tri-Colour Built-in 6w LED
	HV3647T-WHT-12V	3000K 4000K 5500K	360lm 375lm 390lm	12v DC	
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3648T-WHT	3000K 4000K 5500K	2x 300lm 2x 310lm 2x 325lm	240v	Tri-Colour Built-in 2x 5w LED
	HV3648T-WHT-12V	3000K 4000K 5500K	2x 300lm 2x 310lm 2x 325lm	12v DC	

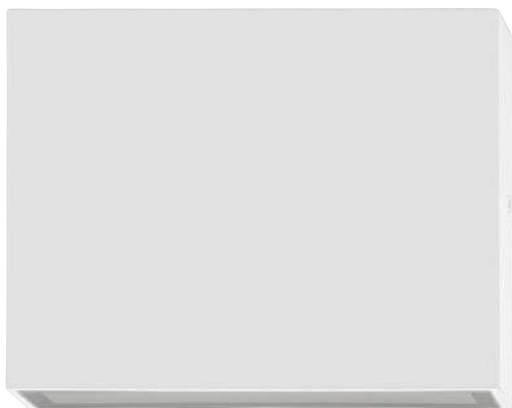
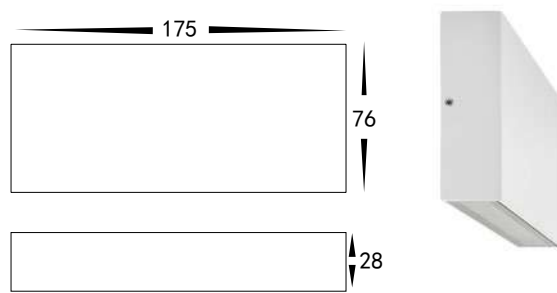
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



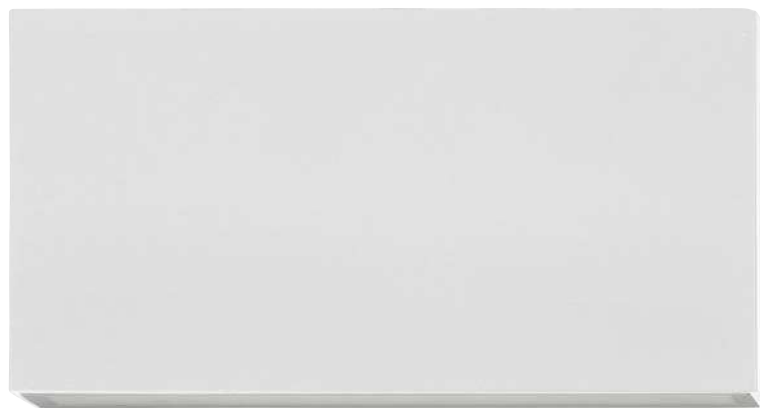
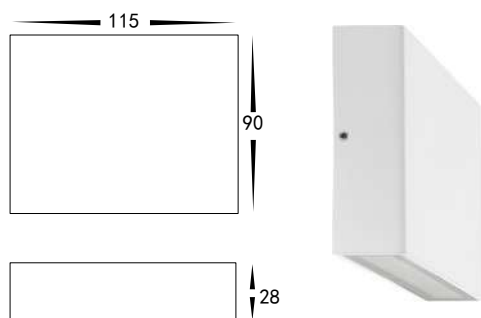
**Fixed Down
HV3645T-BLK**



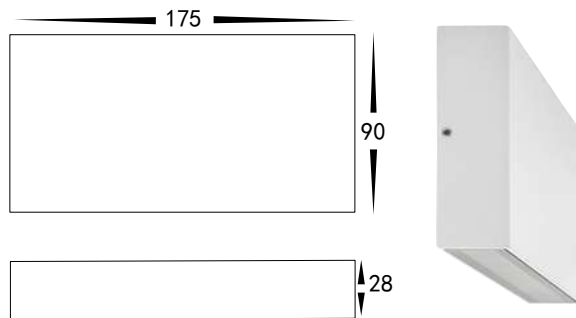
**Fixed Down
HV3647T-BLK**



**Up & Down
HV3646T-BLK**



**Up & Down
HV3648T-BLK**



Essil Aluminium Black

- Slim wall light
- Aluminium Poly Powder Coated Black
- Tempered glass
- IP Rating: IP54

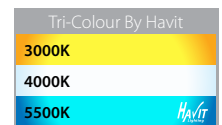
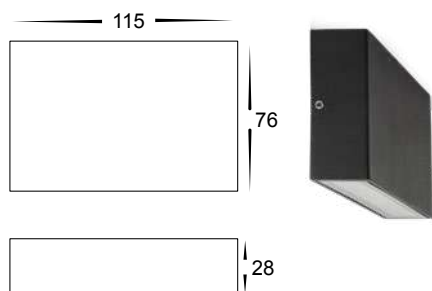


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3645T-BLK	3000K 4000K 5500K	240lm 250lm 240lm	240v	Tri-Colour Built-in 4w LED
	HV3645T-BLK-12V	3000K 4000K 5500K	240lm 250lm 240lm	12v DC	
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3646T-BLK	3000K 4000K 5500K	2x 180lm 2x 187lm 2x 195lm	240v	Tri-Colour Built-in 2x 3w LED
	HV3646T-BLK-12V	3000K 4000K 5500K	2x 180lm 2x 187lm 2x 195lm	12v DC	
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3647T-BLK	3000K 4000K 5500K	360lm 375lm 390lm	240v	Tri-Colour Built-in 6w LED
	HV3647T-BLK-12V	3000K 4000K 5500K	360lm 375lm 390lm	12v DC	
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3648T-BLK	3000K 4000K 5500K	2x 300lm 2x 310lm 2x 325lm	240v	Tri-Colour Built-in 2x 5w LED
	HV3648T-BLK-12V	3000K 4000K 5500K	2x 300lm 2x 310lm 2x 325lm	12v DC	

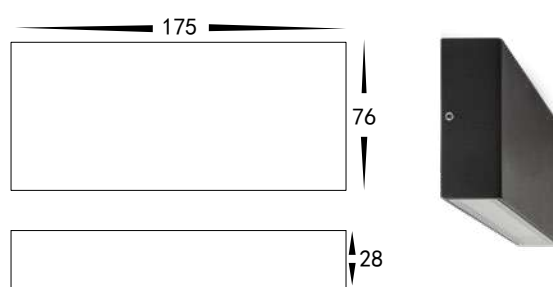
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



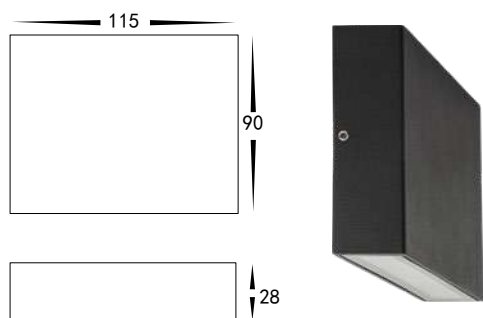
**Fixed Down
HV3645T-BLK**



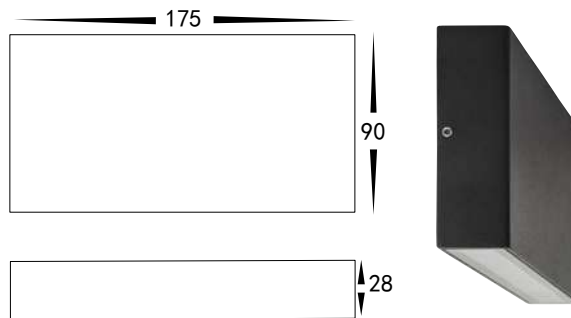
**Fixed Down
HV3647T-BLK**

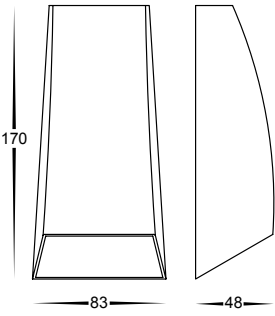
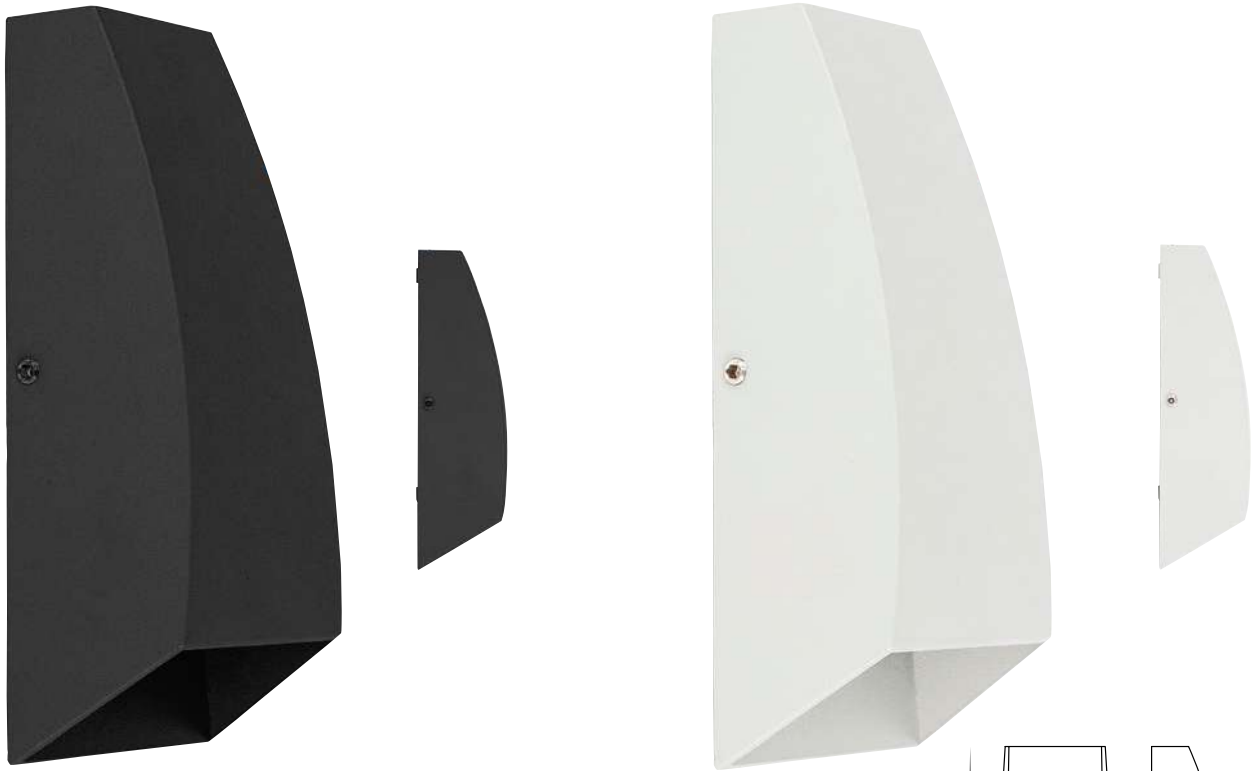


**Up & Down
HV3646T-BLK**



**Up & Down
HV3648T-BLK**





Cono Aluminium

- Up & Down wall light
- Aluminium Poly Powder Coated Black and White
- IP Rating: IP54

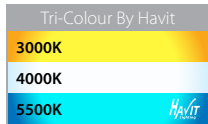




IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3651T-BLK	3000K 4000K 5500K	2x 220lm 2x 230lm 2x 240lm	240v	Tri-Colour Built-in 2x 3w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3651T-WHT	3000K 4000K 5500K	2x 220lm 2x 230lm 2x 240lm	240v	Tri-Colour Built-in 2x 3w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

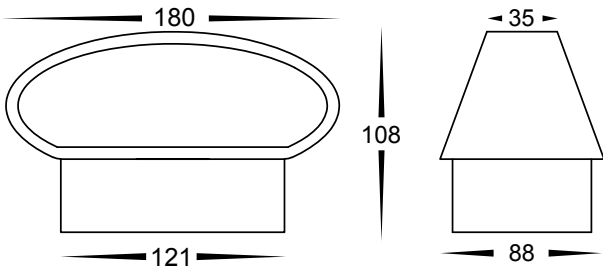




Black



White



Luxe Aluminium

- LED wall light
- Aluminium Poly Powder Coated Black and White
- IP Rating: IP54

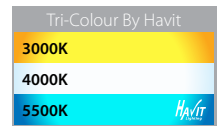


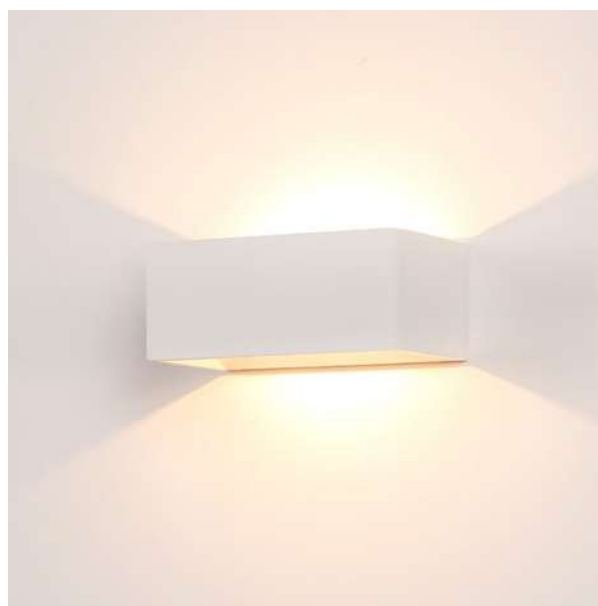


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3661T-BLK	3000K 4000K 5500K	400lm 425lm 450lm	240v	Tri-Colour Built-in 9w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3661T-WHT	3000K 4000K 5500K	400lm 425lm 450lm	240v	Tri-Colour Built-in 9w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Black



White

Mia Aluminium

- LED wall light
- Aluminium Poly Powder Coated Black and White
- IP Rating: IP54

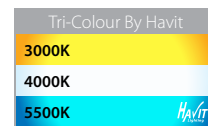
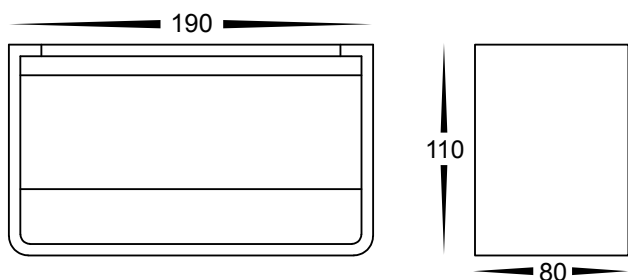




IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3665T-BLK	3000K 4000K 5500K	400lm 425lm 450lm	240v	Tri-Colour Built-in 9w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3665T-WHT	3000K 4000K 5500K	400lm 425lm 450lm	240v	Tri-Colour Built-in 9w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 2243 - 2248)
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to pages 301 - 305)



Pivot

- Exterior Wall Light
- Aluminium White or Black
- PC Diffuser
- IP Rating: IP54

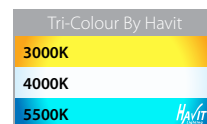
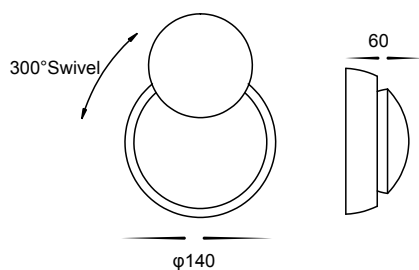




IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3666T-BLK	3000K 4000K 5500K	380lm 460lm 430lm	240v	Tri-Colour Built-in 10w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3666T-WHT	3000K 4000K 5500K	380lm 460lm 430lm	240v	Tri-Colour Built-in 10w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Pivot

- Exterior Wall Light
- Aluminium White or Black
- PC Diffuser
- IP Rating: IP54

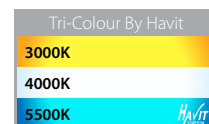
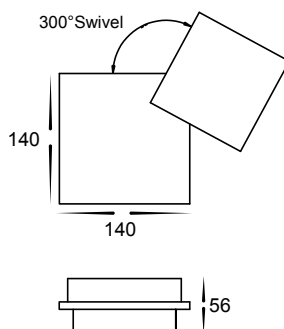
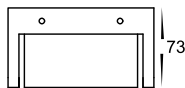
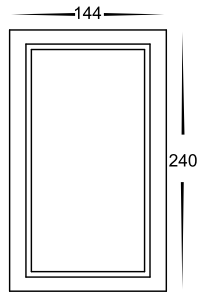


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3667T-BLK	3000K 4000K 5500K	380lm 460lm 430lm	240v	Tri-Colour Built-in 10w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3667T-WHT	3000K 4000K 5500K	380lm 460lm 430lm	240v	Tri-Colour Built-in 10w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Nepean

- Exterior Wall Light
- Aluminium White or Black
- PC Diffuser
- IP Rating: IP54

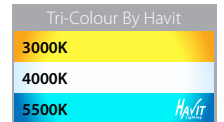


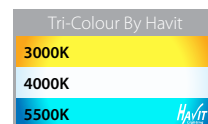
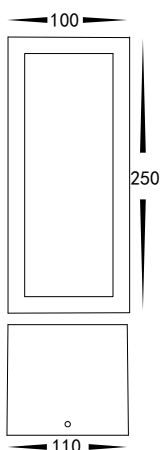


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3668T-BLK	3000K 4000K 5500K	1180lm 1320lm 1240lm	240v	Tri-Colour Built-in 12w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3668T-WHT	3000K 4000K 5500K	1180lm 1320lm 1240lm	240v	Tri-Colour Built-in 12w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

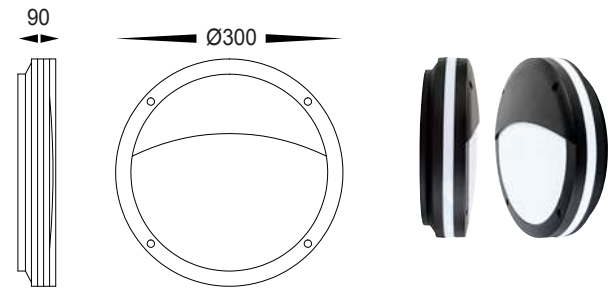
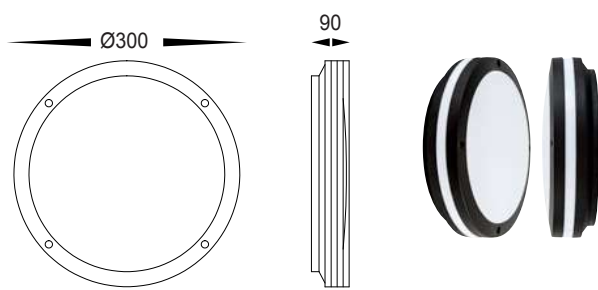


Jasper

- Exterior Wall Light
- Aluminium White or Black
- PC Diffuser
- IP Rating: IP54

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3669T-BLK	3000K 4000K 5500K	1180lm 1320lm 1240lm	240v	Tri-Colour Built-in 12w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3669T-WHT	3000K 4000K 5500K	1180lm 1320lm 1240lm	240v	Tri-Colour Built-in 12w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Stor Aluminium Black

- Bunker wall lights
- Aluminium Poly Powder Coated Black
- IP Rating: IP54

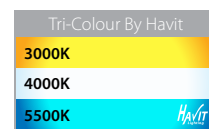


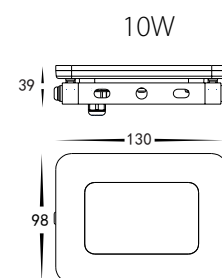
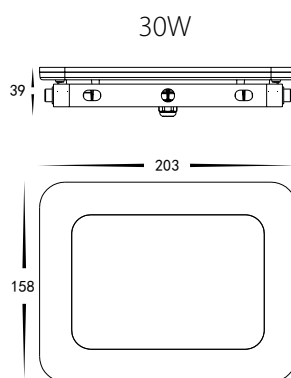
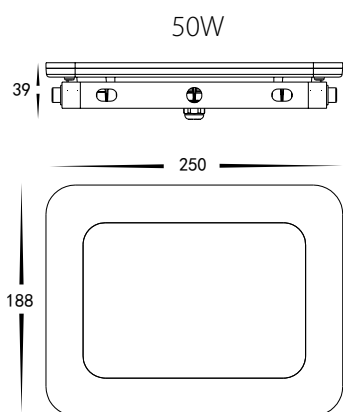


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3670T-BLK	3000K 4000K 5500K	2250lm 2325lm 2400lm	240v	Tri-Colour Built-in 30w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3671T-BLK	3000K 4000K 5500K	2050lm 2125lm 2250lm	240v	Tri-Colour Built-in 30w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Array Aluminium Black

- LED floodlight
- Aluminium Poly Powder Coated Black
- Supplied with flex and plug
- 180° beam angle
- IP Rating: IP65



IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3726C	4000k	850lm	240v	Built-in 10w SMD
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3728C	4000k	2550lm	240v	Built-in 30w SMD
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3729C	4000k	4250lm	240v	Built-in 50w SMD

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Revo Aluminium White

- Single & Double Adjustable wall light
- Aluminium poly powder coated white
- Tempered glass
- IP Rating: IP65

Revo Sensor Aluminium White

- Double Adjustable wall light
- Aluminium poly powder coated white
- 120° Sensor detection
- Lux and time settings on sensor
- Up to 10 metre detection range
- Tempered glass
- IP Rating: IP65

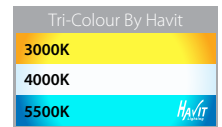
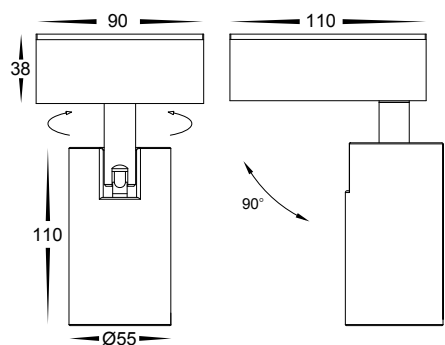
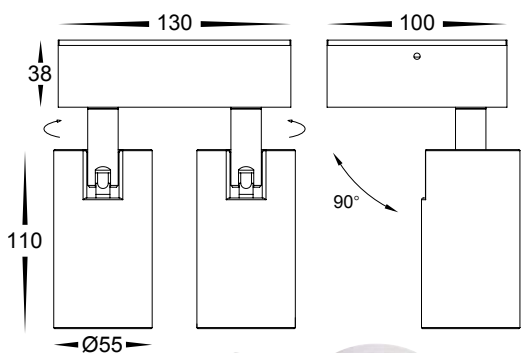


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3681T-WHT	3000K 4000K 5500K	810lm 850lm 900lm	240v	Tri-Colour Built-in 9w
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3683T-WHT	3000K 4000K 5500K	2x 810lm 2x 850lm 2x 900lm	240v	Tri-Colour Built-in 2x 9w
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3684T-WHT	3000K 4000K 5500K	2x 810lm 2x 850lm 2x 900lm	240v	Tri-Colour Built-in 2x 9w

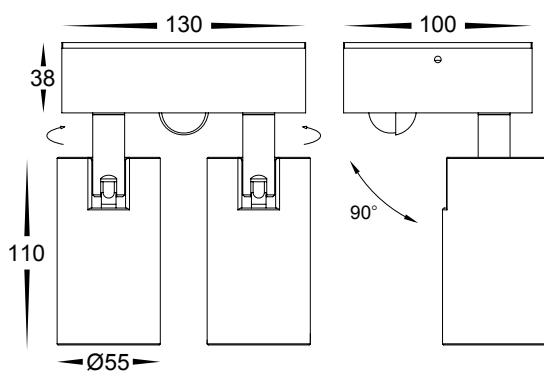
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



**Single Adjustable
HV3681T-WHT**



**Double Adjustable
HV3683T-WHT**



**Sensor Double Adjustable
HV3684T-WHT**

Revo Aluminium Black

- Single & Double Adjustable wall light
- Aluminium poly powder coated black
- Tempered glass
- IP Rating: IP65

Revo Sensor Aluminium Black

- Double Adjustable wall light
- Aluminium poly powder coated black
- 120° Sensor detection
- Lux and time settings on sensor
- Up to 10 metre detection range
- Tempered glass
- IP Rating: IP65

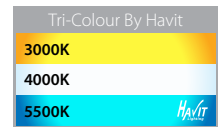
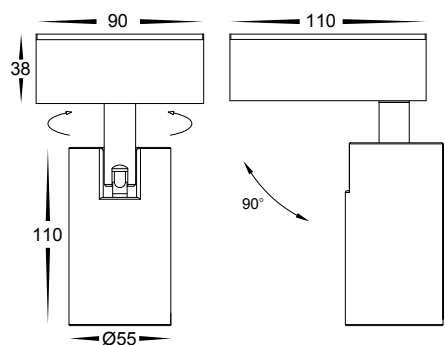
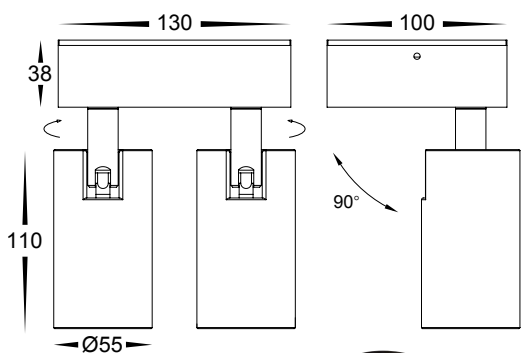


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3681T-BLK	3000K 4000K 5500K	810lm 850lm 900lm	240v	Tri-Colour Built-in 9w
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3683T-BLK	3000K 4000K 5500K	2x 810lm 2x 850lm 2x 900lm	240v	Tri-Colour Built-in 2x 9w
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV3684T-BLK	3000K 4000K 5500K	2x 810lm 2x 850lm 2x 900lm	240v	Tri-Colour Built-in 2x 9w

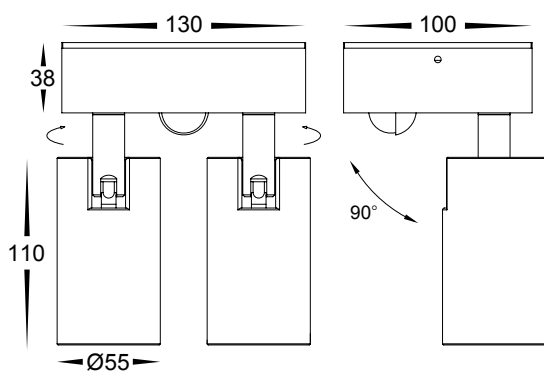
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Single Adjustable
HV3681T-BLK



Double Adjustable
HV3683T-BLK



Sensor Double Adjustable
HV3684T-BLK



Lighting by Havit

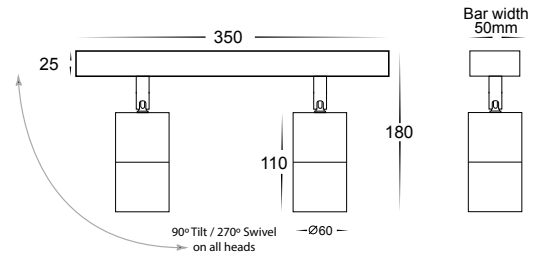


Ceiling Lights By Havit

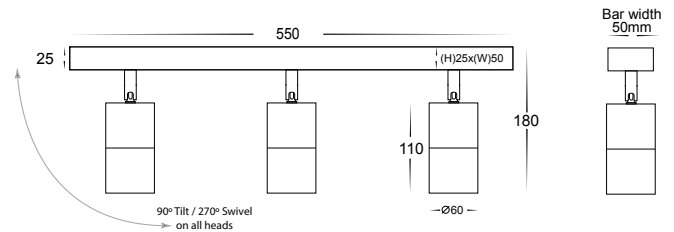




2 light bar



3 light bar



Tivah Aluminium Black

- Adjustable spotlights
- Aluminium Poly Powder Coated Black
- 90° tilt & 270° swivel
- High output reflector to maximise light
- IP Rating: IP54



Compatible with
Tri-Colour 9in1
3w, 5w, 7w
LED Globe

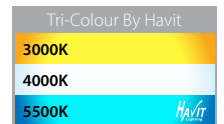
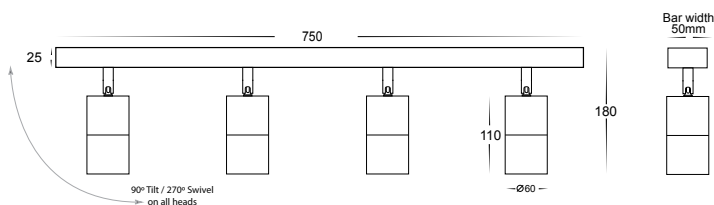


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-2-BLK	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-3-BLK	3000K 4000K 5500K	3x 270lm 3x 285lm 3x 300lm	240v	Tri-Colour 3x 5w GU10 LED

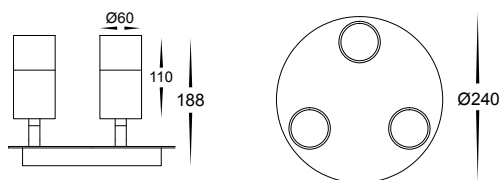
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



4 light bar



3 light round plate



4 light square plate

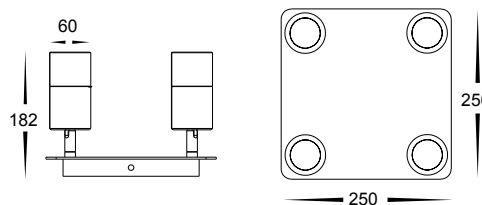
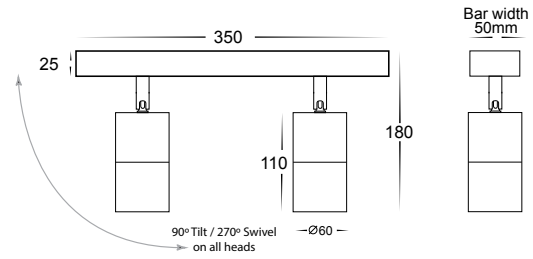


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-4-BLK	3000K 4000K 5500K	4x 270lm 4x 285lm 4x 300lm	240v	Tri-Colour 4x 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-3-BLK-RND	3000K 4000K 5500K	3x 270lm 3x 285lm 3x 300lm	240v	Tri-Colour 3x 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-4-BLK-SQ	3000K 4000K 5500K	4x 270lm 4x 285lm 4x 300lm	240v	Tri-Colour 4x 5w GU10 LED

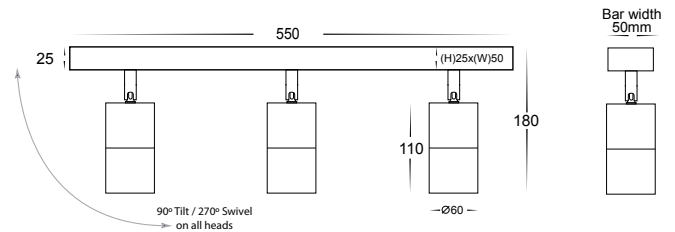
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



2 light bar



3 light bar



Tivah Aluminium White

- Adjustable spotlights
- Aluminium Poly Powder Coated White
- 90° tilt & 270° swivel
- High output reflector to maximise light
- IP Rating: IP54



Compatible with
Tri-Colour 9in1
3w, 5w, 7w
LED Globe

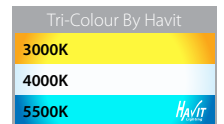
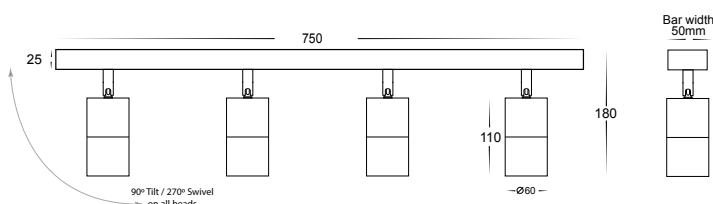


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-2-WHT	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-3-WHT	3000K 4000K 5500K	3x 270lm 3x 285lm 3x 300lm	240v	Tri-Colour 3x 5w GU10 LED

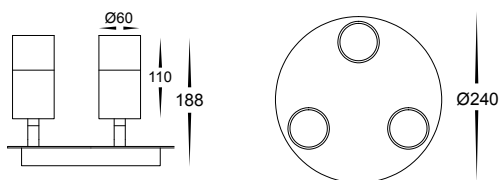
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



4 light bar



3 light round plate



4 light square plate

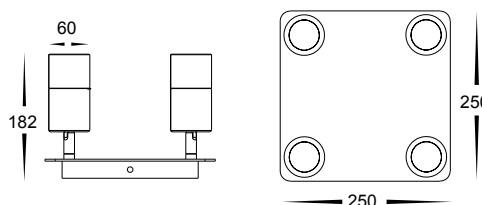
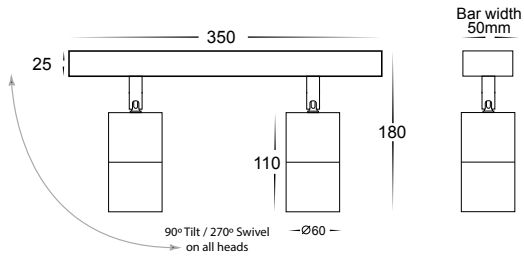


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-4-WHT	3000K 4000K 5500K	4x 270lm 4x 285lm 4x 300lm	240v	Tri-Colour 4x 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-3-WHT-RND	3000K 4000K 5500K	3x 270lm 3x 285lm 3x 300lm	240v	Tri-Colour 3x 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-4-WHT-SQ	3000K 4000K 5500K	4x 270lm 4x 285lm 4x 300lm	240v	Tri-Colour 4x 5w GU10 LED

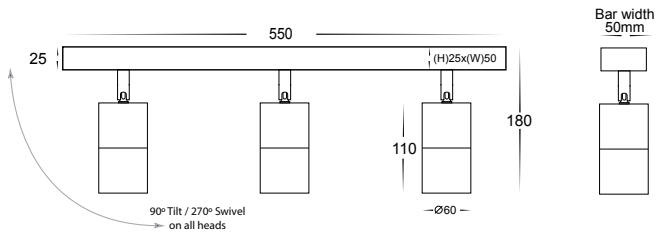
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



2 light bar



3 light bar



Tivah Titanium Aluminium

- Adjustable spotlights
- Titanium Coloured Aluminium
- 90° tilt & 270° swivel
- High output reflector to maximise light
- IP Rating: IP54



Compatible with
Tri-Colour 9in1
3w, 5w, 7w
LED Globe

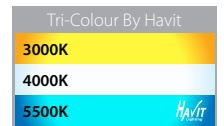
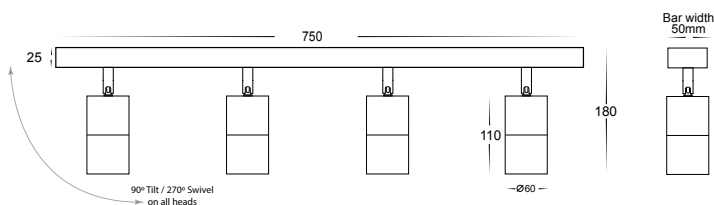


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-2-TTM	3000K 4000K 5500K	2x 270lm 2x 285lm 2x 300lm	240v	Tri-Colour 2x 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-3-TTM	3000K 4000K 5500K	3x 270lm 3x 285lm 3x 300lm	240v	Tri-Colour 3x 5w GU10 LED

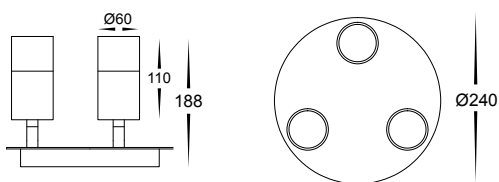
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



4 light bar



3 light round plate



4 light square plate

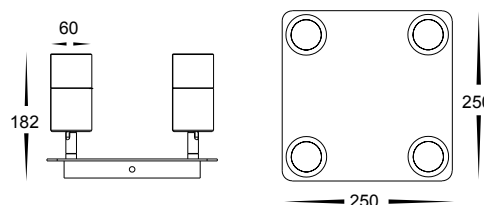


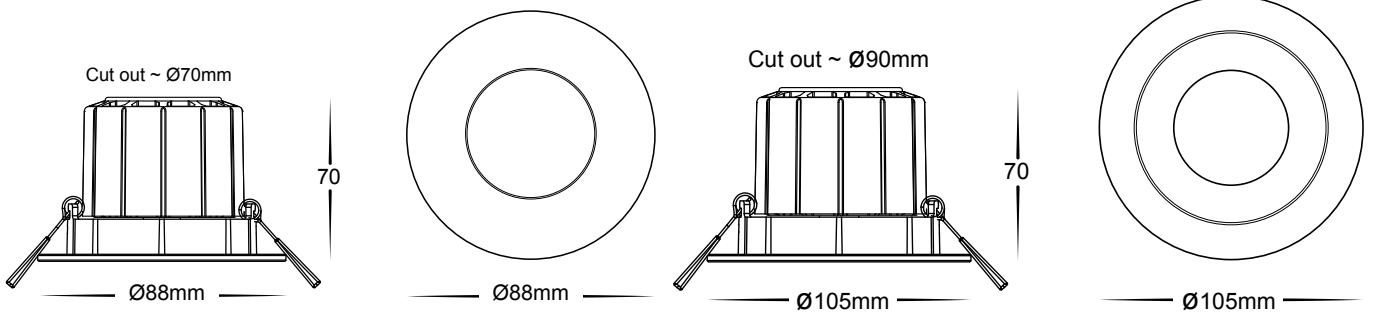
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-4-TTM	3000K 4000K 5500K	4x 270lm 4x 285lm 4x 300lm	240v	Tri-Colour 4x 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-3-TTM-RND	3000K 4000K 5500K	3x 270lm 3x 285lm 3x 300lm	240v	Tri-Colour 3x 5w GU10 LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV4001T-4-TTM-SQ	3000K 4000K 5500K	4x 270lm 4x 285lm 4x 300lm	240v	Tri-Colour 4x 5w GU10 LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

**70mm Fixed
HV5511T-BLK**



**90mm Tilt
HV5512T-BLK**



Prime Aluminium Black

- Dimmable LED downlights
- Aluminium Black
- Supplied with dimmable driver complete with flex & plug
- 45° beam angle
- CRI>90
- IP Rating: IP54

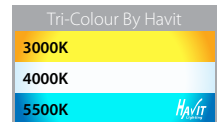


IMAGE	PART NUMBER	CUT OUT	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5511T-BLK	70mm	3000K 4000K 5500K	980lm 990lm 1000lm	240v	Tri-Colour Built-in 12w LED
IMAGE	PART NUMBER	CUT OUT	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5512T-BLK	90mm	3000K 4000K 5500K	980lm 990lm 1000lm	240v	Tri-Colour Built-in 12w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

**76mm Fixed Deep
HV5513T-BLK**



**90mm Fixed Deep
HV5514T-BLK**

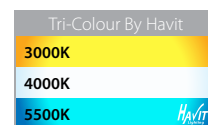
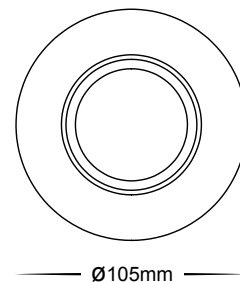
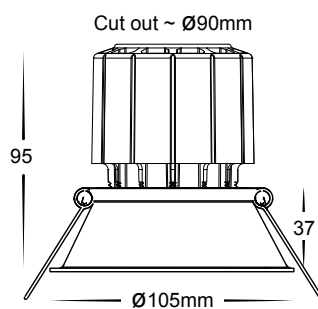
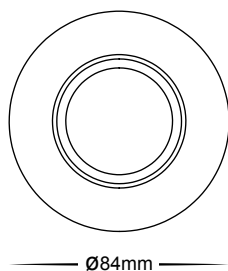
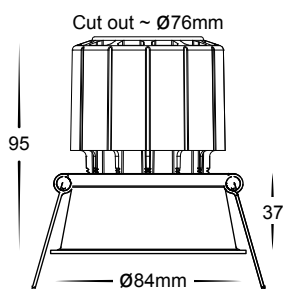


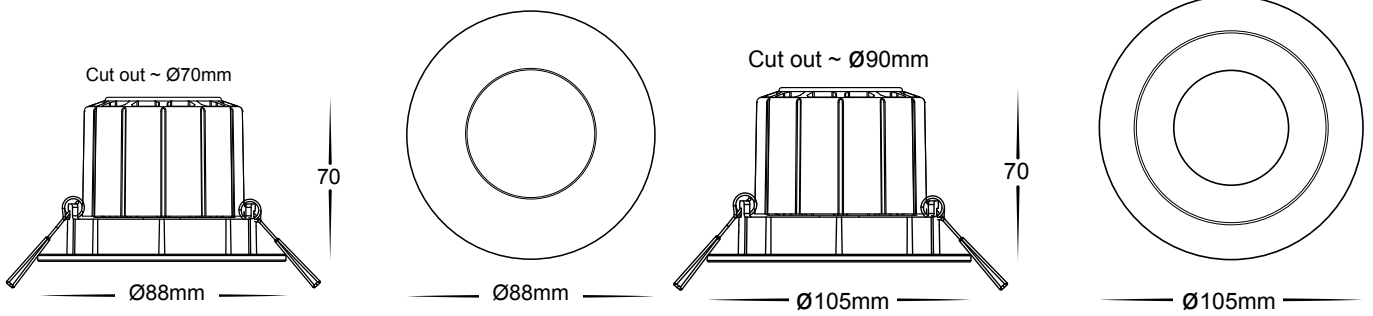
IMAGE	PART NUMBER	CUT OUT	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5513T-BLK	76mm	3000K 4000K 5500K	980lm 990lm 1000lm	240v	Tri-Colour Built-in 12w LED
IMAGE	PART NUMBER	CUT OUT	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5514T-BLK	90mm	3000K 4000K 5500K	980lm 990lm 1000lm	240v	Tri-Colour Built-in 12w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

**70mm Fixed
HV5511T-WHT**



**90mm Tilt
HV5512T-WHT**



Prime Aluminium White

- Dimmable LED downlights
- Aluminium White
- Supplied with dimmable driver complete with flex & plug
- 45° beam angle
- CRI>90
- IP Rating: IP54

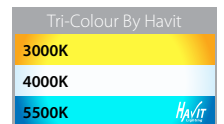


IMAGE	PART NUMBER	CUT OUT	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5511T-WHT	70mm	3000K 4000K 5500K	980lm 990lm 1000lm	240v	Tri-Colour Built-in 12w LED
IMAGE	PART NUMBER	CUT OUT	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5512T-WHT	90mm	3000K 4000K 5500K	980lm 990lm 1000lm	240v	Tri-Colour Built-in 12w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

**76mm Fixed Deep
HV513T-WHT**



**90mm Fixed Deep
HV514T-WHT**

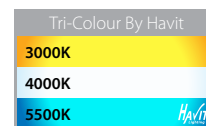
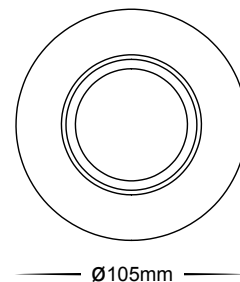
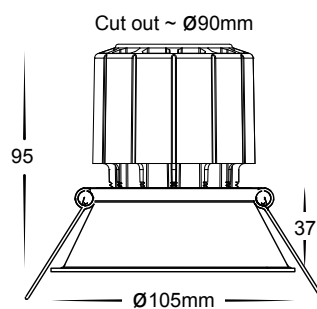
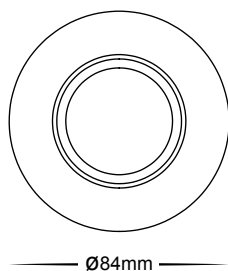
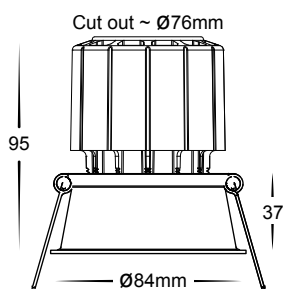


IMAGE	PART NUMBER	CUT OUT	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV513T-WHT	76mm	3000K 4000K 5500K	980lm 990lm 1000lm	240v	Tri-Colour Built-in 12w LED
IMAGE	PART NUMBER	CUT OUT	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV514T-WHT	90mm	3000K 4000K 5500K	980lm 990lm 1000lm	240v	Tri-Colour Built-in 12w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Polly LED Downlight

- Fixed round LED downlight
- PC matt black or white finish
- Integrated driver
- Supplied with flex & plug
- Cut out: 90mm
- 120° beam angle
- IP54

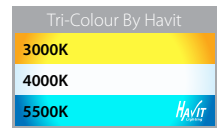
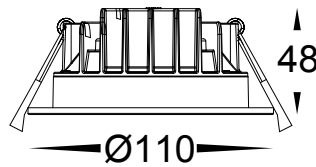




IMAGE	PART NUMBER	CUT OUT	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5522T-BLK	90mm	3000K 4000K 5500K	635lm 750lm 715lm	240v	Tri-Colour Built-in 8w LED
IMAGE	PART NUMBER	CUT OUT	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5522T-WHT	90mm	3000K 4000K 5500K	635lm 750lm 715lm	240v	Tri-Colour Built-in 8w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Gleam LED Downlight

- Fixed round LED downlight
- PC matt black or white finish
- Aluminium heat sink
- Dimmable led driver with flex and plug
- Cut out: 90mm
- 90° beam angle
- IP54

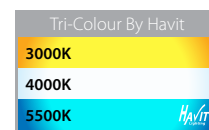
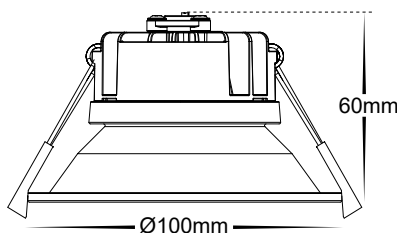
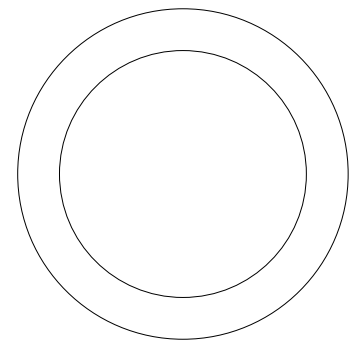


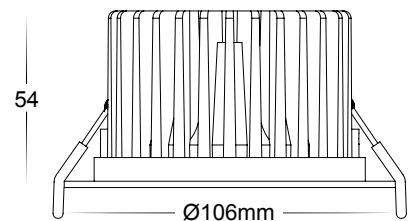
IMAGE	PART NUMBER	CUT OUT	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5528T-BLK	90mm	3000K 4000K 5500K	680lm 795lm 745lm	240v	Tri-Colour Built-in 9w LED
IMAGE	PART NUMBER	CUT OUT	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5528T-WHT	90mm	3000K 4000K 5500K	680lm 795lm 745lm	240v	Tri-Colour Built-in 9w LED
IMAGE	PART NUMBER	CUT OUT	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5528D2W-WHT	90mm	1800K-3000K	685lm	240v	Dim to Warm Built-in 9w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Ø106mm

Cut out ~ Ø90mm



Ora 316 Stainless Steel

- Fixed round LED downlight
- Stainless Steel 316 Marine Grade cover
- Supplied with dimmable driver complete with flex & plug
- Cut out: 90mm
- 60° beam angle
- IP Rating: IP54

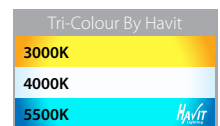
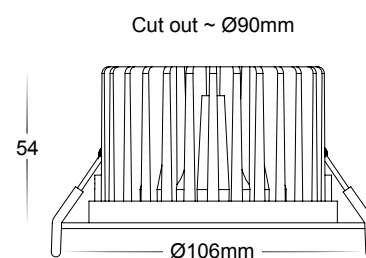
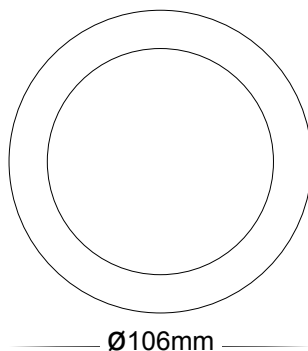


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5530T-SS316	3000K 4000K 5500K	980lm 990lm 1000lm	240v	Tri-Colour Built-in 12w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Ora Aluminium

- Fixed round LED downlight
- Aluminium Finish
- Supplied with dimmable driver complete with flex & plug
- Cut out: 90mm
- 90° beam angle
- IP Rating: IP54

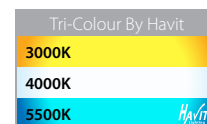
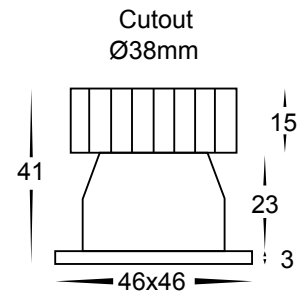


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5530T-BLK	3000K 4000K 5500K	980lm 990lm 1000lm	240v	Tri-Colour Built-in 12w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5530T-WHT	3000K 4000K 5500K	980lm 990lm 1000lm	240v	Tri-Colour Built-in 12w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Niche Aluminium

- Mini square LED downlight
- Aluminium Powder Coated
- Supplied with LED driver complete with flex and plug
- Cut out: 38mm
- 45° beam angle
- IP Rating: IP54

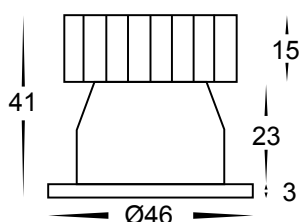


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5701C-BLK	5500K	270lm	240v	Built-in 3w LED
	HV5701W-BLK	3000k	240lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5701C-WHT	5500K	270lm	240v	Built-in 3w LED
	HV5701W-WHT	3000k	240lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Cutout
Ø38mm



Niche Aluminium

- Mini round LED downlight
- Aluminium Powder Coated
- Supplied with LED driver complete with flex and plug
- Cut out: 38mm
- 45° beam angle
- IP Rating: IP54



IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5702C-BLK	5500K	270lm	240v	Built-in 3w LED
	HV5702W-BLK	3000k	240lm		
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5702C-WHT	5500K	270lm	240v	Built-in 3w LED
	HV5702W-WHT	3000k	240lm		

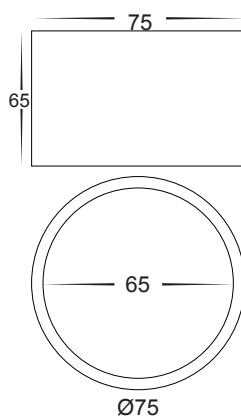
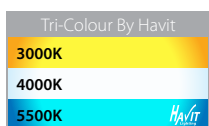
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5802T-BLK	3000K 4000K 5500K	560lm 595lm 630lm	240v	Tri-Colour Built-in 7w LED
	HV5802-BLK-EXT	Optional Extension to suit HV5802T-BLK Sold separately		 128	HV5802-BLK-EXT + HV5802T-BLK
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5803T-BLK	3000K 4000K 5500K	960lm 1020lm 1080lm	240v	Tri-Colour Built-in 12w LED
	HV5803-BLK-EXT	Optional Extension to suit HV5803T-BLK Sold separately		 140	HV5803-BLK-EXT + HV5803T-BLK
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5805T-BLK	3000K 4000K 5500K	1440lm 1540lm 1620lm	240v	Tri-Colour Built-in 18w LED
	HV5805-BLK-EXT	Optional Extension to suit HV5805T-BLK Sold separately		 152	HV5805-BLK-EXT + HV5805T-BLK

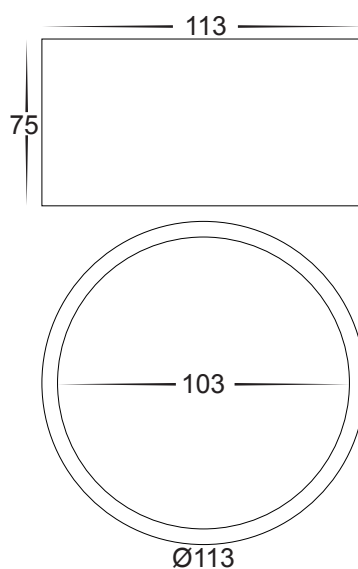
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Nella Aluminium Black

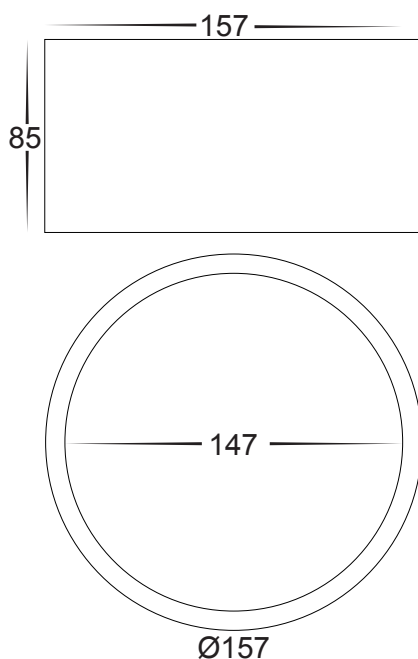
- Surface mounted round downlight
- Aluminium Powder Coated Black
- Dimmable
- 120° beam angle
- IP Rating: IP54



HV5802T-BLK



HV5803T-BLK



HV5805T-BLK

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Nella Aluminium Black Pendants

- Single pendant light
- Aluminium Powder Coated Black
- Dimmable
- 120° beam angle
- Cable length: 1300mm Adjustable
- IP Rating: IP20

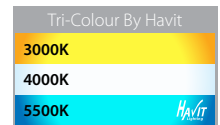


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5802T-BLK-P	3000K 4000K 5500K	560lm 595lm 630lm	240v	Tri-Colour Built-in 7w LED
	HV5803T-BLK-P	3000K 4000K 5500K	960lm 1020lm 1080lm	240v	Tri-Colour Built-in 12w LED
	HV5805T-BLK-P	3000K 4000K 5500K	1440lm 1540lm 1620lm	240v	Tri-Colour Built-in 18w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



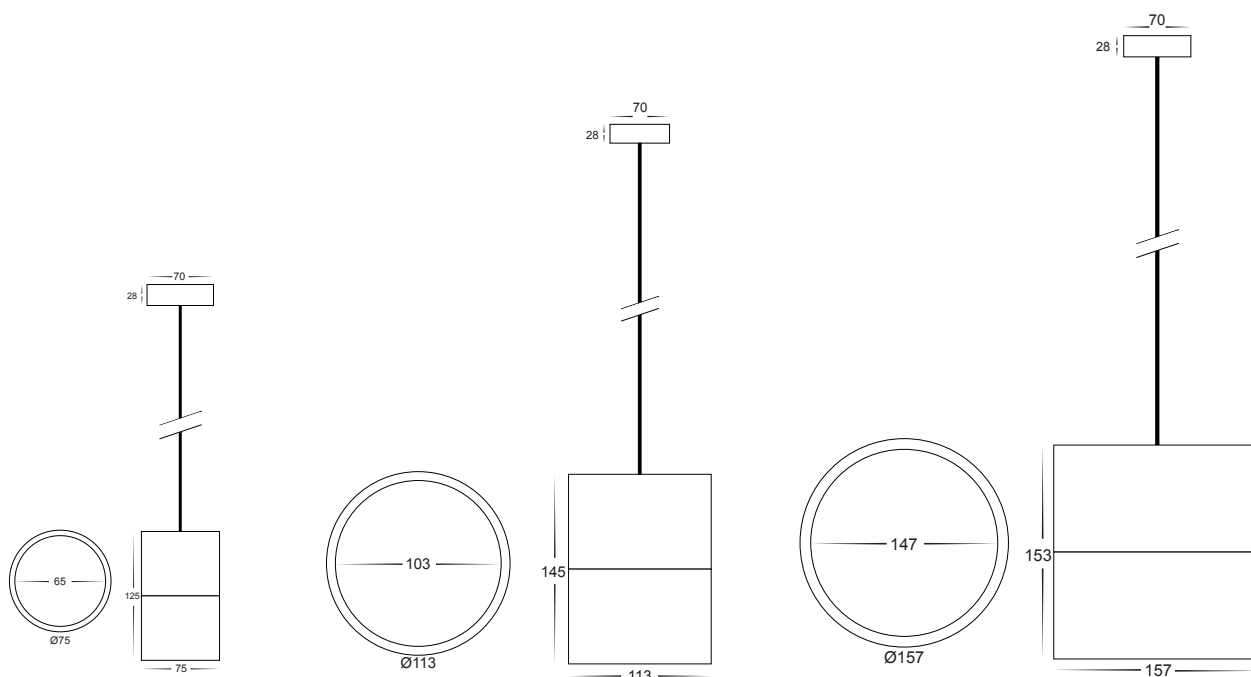
HV5802T-BLK-P






HV5803T-BLK-P



HV5805T-BLK-P



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

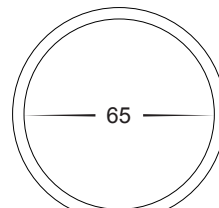
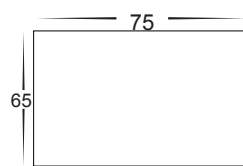
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5802T-WHT	3000K 4000K 5500K	560lm 595lm 630lm	240v	Tri-Colour Built-in 7w LED
	HV5802-WHT-EXT	Extension to suit HV5802-WHT Range		128 	HV5802-WHT-EXT + HV5802T-WHT
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5803T-WHT	3000K 4000K 5500K	960lm 1020lm 1080lm	240v	Tri-Colour Built-in 12w LED
	HV5803-WHT-EXT	Extension to suit HV5803-WHT Range		140 	HV5803-WHT-EXT + HV5803-WHT
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5805T-WHT	3000K 4000K 5500K	1440lm 1540lm 1620lm	240v	Tri-Colour Built-in 18w LED
	HV5805-WHT-EXT	Extension to suit HV5805-WHT Range		152 	HV5805-WHT-EXT + HV5805-WHT

Nella Aluminium White

- Surface mounted round downlight
- Aluminium Powder Coated White
- Dimmable
- 120° beam angle
- IP Rating: IP54



Tri-Colour By Havit	
3000K	
4000K	
5500K	



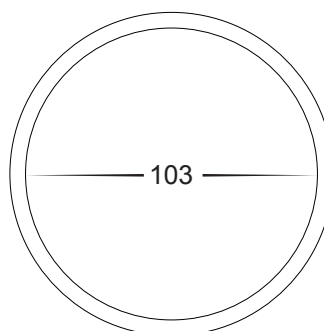
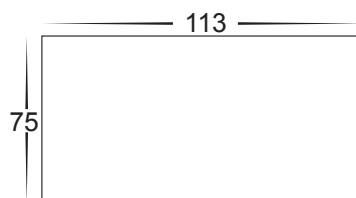
Ø75



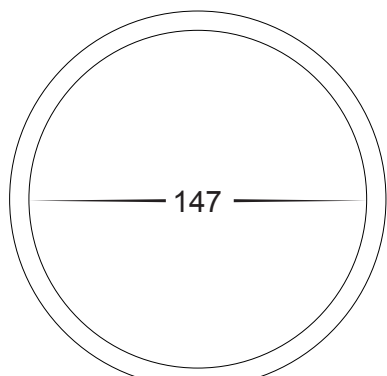
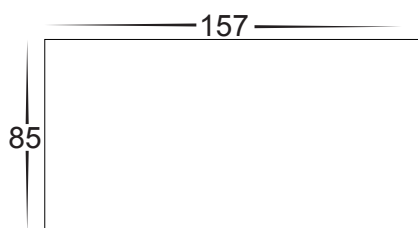
HV5802T-WHT



HV5803T-WHT



Ø103



Ø157



HV5805T-WHT

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Nella Aluminium White Pendants

- Single pendant light
- Aluminium Powder Coated White
- Dimmable
- 120° beam angle
- Cable length: 1300mm Adjustable
- IP Rating: IP20

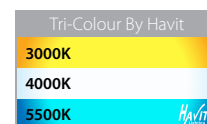





IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5802T-WHT-P	3000K 4000K 5500K	560lm 595lm 630lm	240v	Tri-Colour Built-in 7w LED
	HV5803T-WHT-P	3000K 4000K 5500K	960lm 1020lm 1080lm	240v	Tri-Colour Built-in 12w LED
	HV5805T-WHT-P	3000K 4000K 5500K	1440lm 1540lm 1620lm	240v	Tri-Colour Built-in 18w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



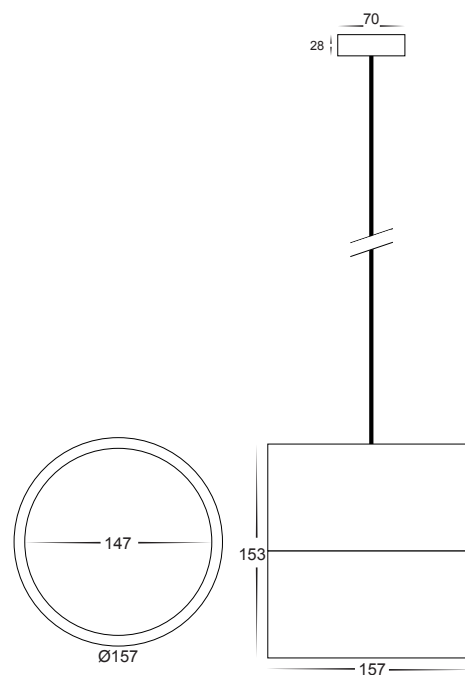
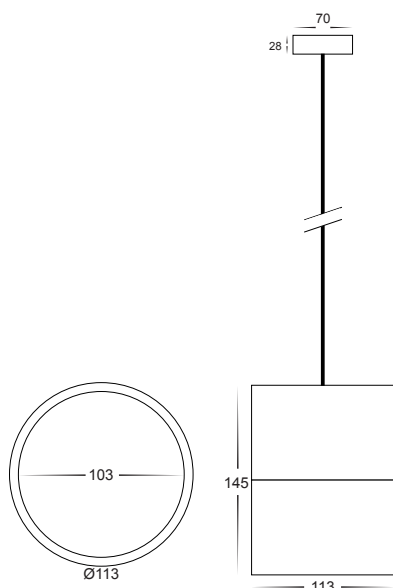
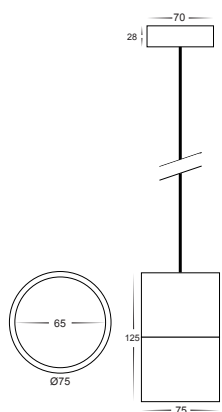
HV5802T-WHT-P



HV5803T-WHT-P



HV5805T-WHT-P



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Nella Adjustable Aluminium Black

- Surface mounted adjustable round downlight
- Aluminium Powder Coated Black
- Dimmable with suitable LED dimmer
- 20° Tilt
- 60° beam angle
- IP Rating: IP40

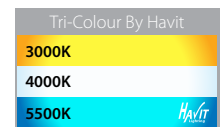
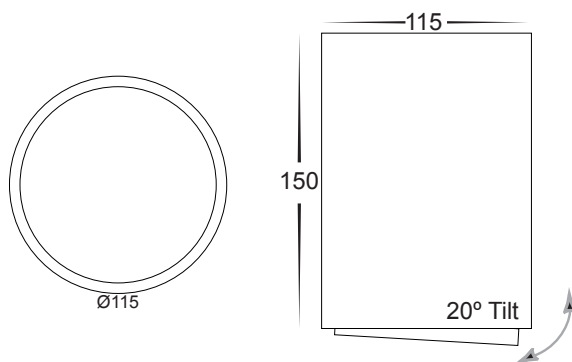


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5812T-BLK	3000K 4000K 5500K	560lm 595lm 630lm	240v	Tri-Colour Built-in 7w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5813T-BLK	3000K 4000K 5500K	960lm 1020lm 1080lm	240v	Tri-Colour Built-in 12w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5815T-BLK	3000K 4000K 5500K	1440lm 1540lm 1620lm	240v	Tri-Colour Built-in 18w LED

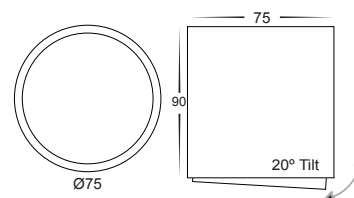
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



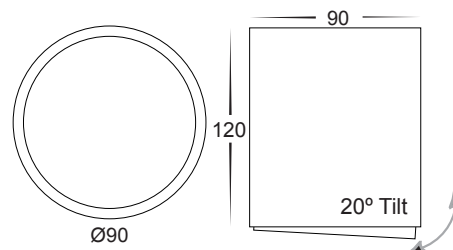
HV5815T-BLK



HV5812T-BLK



HV5813T-BLK



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Nella Adjustable Aluminium White

- Surface mounted adjustable round downlight
- Aluminium Powder Coated White
- Dimmable with suitable LED dimmer
- 20° Tilt
- 60° beam angle
- IP Rating: IP40

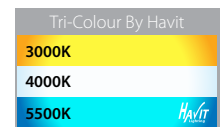
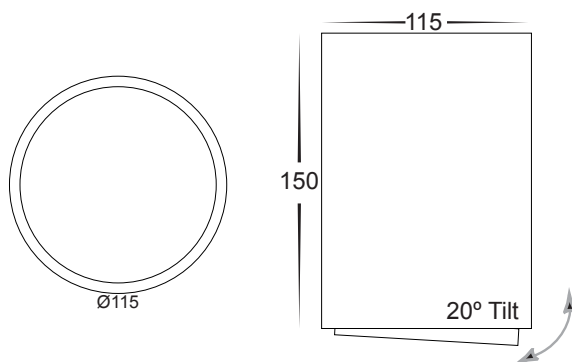


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5812T-WHT	3000K 4000K 5500K	560lm 595lm 630lm	240v	Tri-Colour Built-in 7w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5813T-WHT	3000K 4000K 5500K	960lm 1020lm 1080lm	240v	Tri-Colour Built-in 12w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5815T-WHT	3000K 4000K 5500K	1440lm 1540lm 1620lm	240v	Tri-Colour Built-in 18w LED

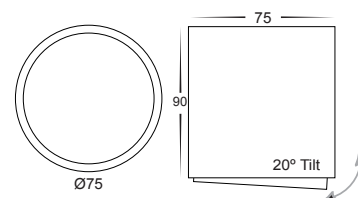
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



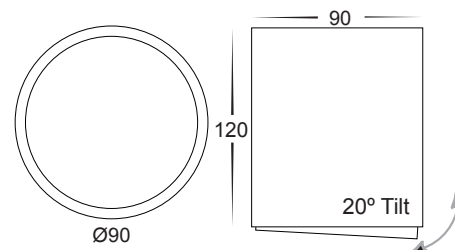
HV5815T-WHT



HV5812T-WHT



HV5813T-WHT





Nella Rotatable Aluminium

- Surface mounted rotatable round downlight
- Aluminium Powder Coated White & Black
- Dimmable
- 90° Rotation
- 60° beam angle
- IP Rating: IP54

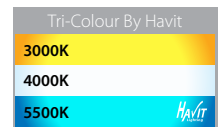
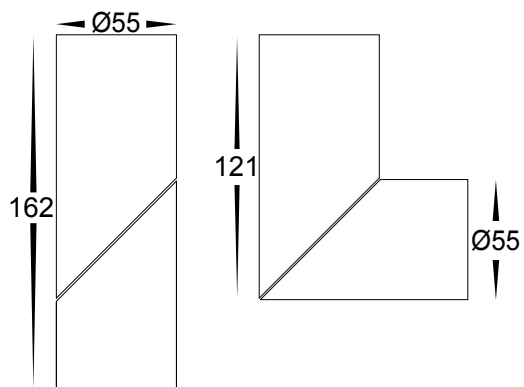


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5822T-WHT	3000K 4000K 5500K	560lm 595lm 630lm	240v	Tri-Colour Built-in 7w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5823T-WHT	3000K 4000K 5500K	960lm 1020lm 1080lm	240v	Tri-Colour Built-in 12w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5822T-BLK	3000K 4000K 5500K	560lm 595lm 630lm	240v	Tri-Colour Built-in 7w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5823T-BLK	3000K 4000K 5500K	960lm 1020lm 1080lm	240v	Tri-Colour Built-in 12w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

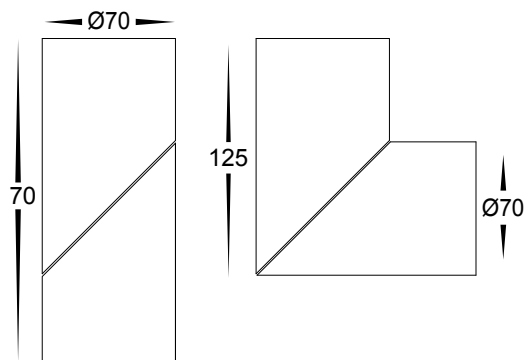
HV5822T-BLK

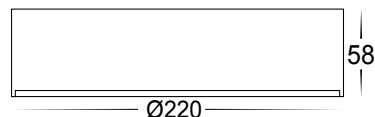
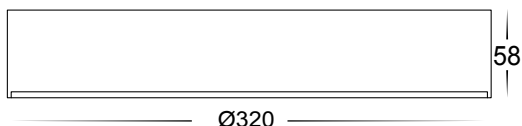
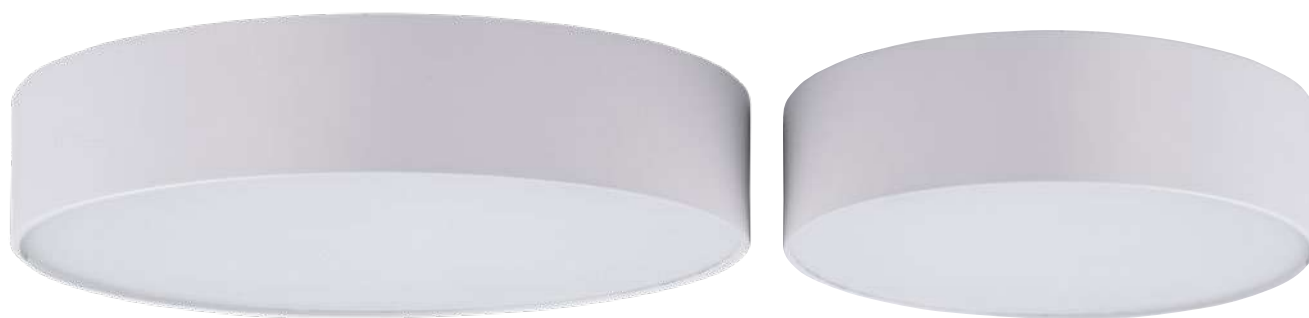
HV5822T-WHT



HV5823T-BLK

HV5823T-WHT





Nella Oyster Aluminium White

- Surface mounted LED oyster
- Aluminium Powder Coated White
- Dimmable
- 120° beam angle
- IP Rating: IP54

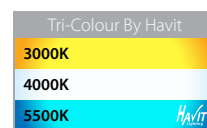


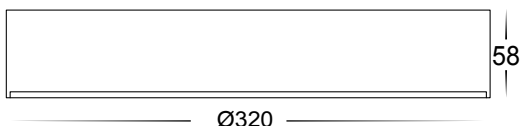


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5892T-WHT	3000K 4000K 5500K	1600lm 1700lm 1800lm	240v	Tri-Colour Built-in 20w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5893T-WHT	3000K 4000K 5500K	2400lm 2550lm 2700lm	240v	Tri-Colour Built-in 30w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Nella Oyster Aluminium Black

- Surface mounted LED oyster
- Aluminium Powder Coated Black
- Dimmable
- 120° beam angle
- IP Rating: IP54

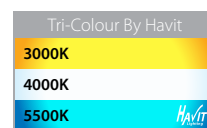
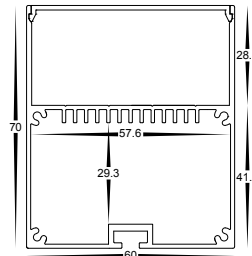


IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5892T-BLK	3000K 4000K 5500K	1600lm 1700lm 1800lm	240v	Tri-Colour Built-in 20w LED
IMAGE	PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
	HV5893T-BLK	3000K 4000K 5500K	2400lm 2550lm 2700lm	240v	Tri-Colour Built-in 30w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Proline Custom

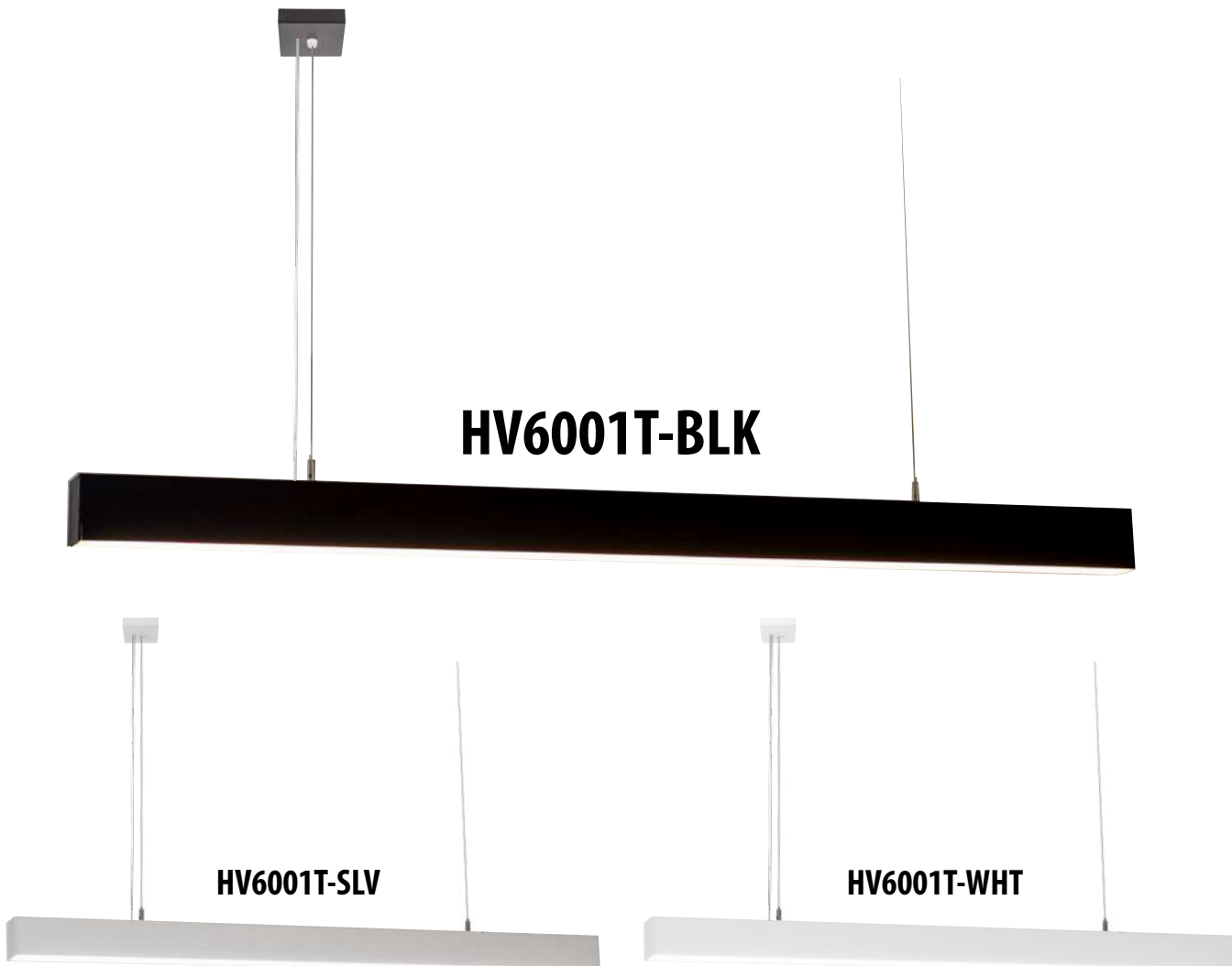
- Single pendant light
- Available in Black, Silver or White
- 1800mm, 2400mm or 3000mm lengths
- Supplied with dimmable LED Driver
- 46w per metre
- 120° beam angle
- Cable length: 2000mm Adjustable
- IP Rating: IP20



Custom Made Lengths (From 4-5 days production time + delivery)

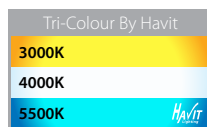
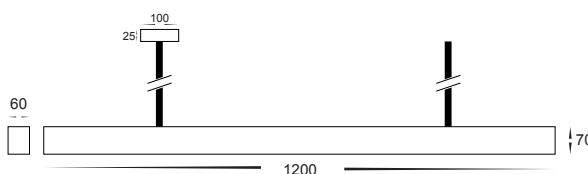
PART NUMBER	LENGTH	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
HV6001C-BLK-1.8	1800mm	5500K	8200lm	240v	Built-in 82w LED
HV6001N-BLK-1.8	1800mm	4000K	7860lm	240v	Built-in 82w LED
HV6001W-BLK-1.8	1800mm	3000K	7450lm	240v	Built-in 82w LED
HV6001C-BLK-2.4	2400mm	5500K	11000lm	240v	Built-in 110w LED
HV6001N-BLK-2.4	2400mm	4000K	10400lm	240v	Built-in 110w LED
HV6001W-BLK-2.4	2400mm	3000K	9900lm	240v	Built-in 110w LED
HV6001C-BLK-3.0	3000mm	5500K	13800lm	240v	Built-in 138w LED
HV6001N-BLK-3.0	3000mm	4000K	13100lm	240v	Built-in 138w LED
HV6001W-BLK-3.0	3000mm	3000K	12400lm	240v	Built-in 138w LED
PART NUMBER	LENGTH	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
HV6001C-SLV-1.8	1800mm	5500K	8200lm	240v	Built-in 82w LED
HV6001N-SLV-1.8	1800mm	4000K	7860lm	240v	Built-in 82w LED
HV6001W-SLV-1.8	1800mm	3000K	7450lm	240v	Built-in 82w LED
HV6001C-SLV-2.4	2400mm	5500K	11000lm	240v	Built-in 110w LED
HV6001N-SLV-2.4	2400mm	4000K	10400lm	240v	Built-in 110w LED
HV6001W-SLV-2.4	2400mm	3000K	9900lm	240v	Built-in 110w LED
HV6001C-SLV-3.0	3000mm	5500K	13800lm	240v	Built-in 138w LED
HV6001N-SLV-3.0	3000mm	4000K	13100lm	240v	Built-in 138w LED
HV6001W-SLV-3.0	3000mm	3000K	12400lm	240v	Built-in 138w LED
PART NUMBER	LENGTH	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
HV6001C-WHT-1.8	1800mm	5500K	8200lm	240v	Built-in 82w LED
HV6001N-WHT-1.8	1800mm	4000K	7860lm	240v	Built-in 82w LED
HV6001W-WHT-1.8	1800mm	3000K	7450lm	240v	Built-in 82w LED
HV6001C-WHT-2.4	2400mm	5500K	11000lm	240v	Built-in 110w LED
HV6001N-WHT-2.4	2400mm	4000K	10400lm	240v	Built-in 110w LED
HV6001W-WHT-2.4	2400mm	3000K	9900lm	240v	Built-in 110w LED
HV6001C-WHT-3.0	3000mm	5500K	13800lm	240v	Built-in 138w LED
HV6001N-WHT-3.0	3000mm	4000K	13100lm	240v	Built-in 138w LED
HV6001W-WHT-3.0	3000mm	3000K	12400lm	240v	Built-in 138w LED

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Proline

- Single pendant light
- Aluminium finish
- Dedicated Dimmable LED Driver
- 120° beam angle
- Cable length: 2000mm Adjustable
- IP Rating: IP20
- Indoor use only



For custom size lengths please contact sales representative for more information.

PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
HV6001T-BLK	3000K	3800lm	240v	Built-in 40w LED
	4000K	3900lm		
	5500K	4000lm		
HV6001T-SLV	3000K	3800lm	240v	Built-in 40w LED
	4000K	3900lm		
	5500K	4000lm		
HV6001T-WHT	3000K	3800lm	240v	Built-in 40w LED
	4000K	3900lm		
	5500K	4000lm		

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Lighting by Havit



Indoor Wall Lights By Havit



Arc

- High density extra strong plaster
- Super bright white
- Easily painted to match decor
- IP Rating: IP20
- Indoor use only



PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
HV8025C	5500K	130lm	240v	2w COB G9
HV8025W	3000k	120lm	240v	2w COB G9

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Arc

- High density extra strong plaster
- Super bright white
- Easily painted to match decor
- IP Rating: IP20
- Indoor use only



PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
HV8026C	5500K	240lm	240v	3w SMD E14
HV8026W	3000k	220lm	240v	3w SMD E14

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Concept

- High density extra strong plaster
- Super bright white
- Easily painted to match decor
- IP Rating: IP20
- Indoor use only

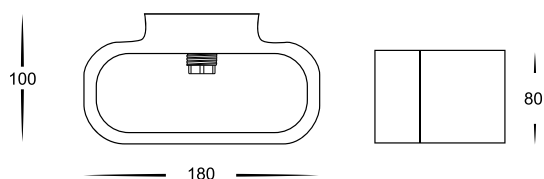


PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
HV8027C	5500K	130lm	240v	2w COB G9
HV8027W	3000k	120lm	240v	2w COB G9

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Concept

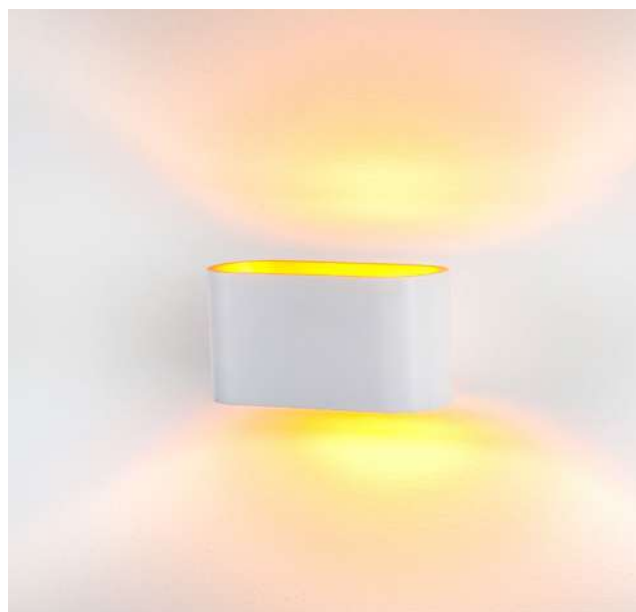
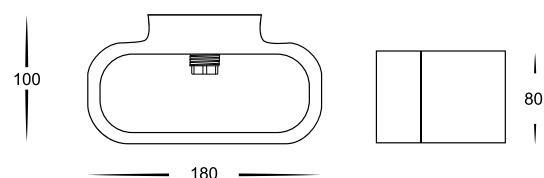
- Aluminium black with gold insert
- IP Rating: IP20
- Indoor use only



PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
HV8028C-BLK	5500K	130lm	240v	2w G9 LED
HV8028W-BLK	3000k	120lm	240v	2w G9 LED

Concept

- Aluminium white with gold insert
- IP Rating: IP20
- Indoor use only

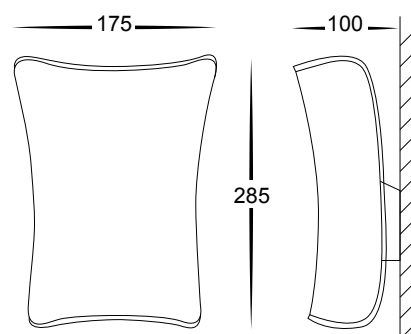


PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
HV8028C-WHT	5500K	130lm	240v	2w COB G9
HV8028W-WHT	3000k	120lm	240v	2w COB G9

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Aurora

- High density extra strong plaster
- Super bright white
- Easily painted to match decor
- IP Rating: IP20
- Indoor use only

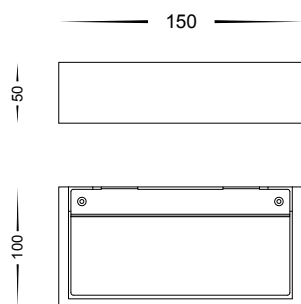


PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
HV8030C	5500K	240lm	240v	3w SMD E14
HV8030W	3000k	220lm	240v	3w SMD E14

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Sunrise 150

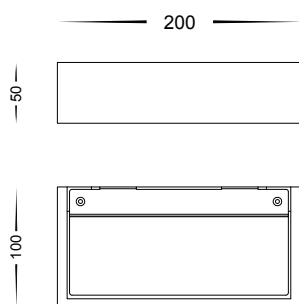
- High density extra strong plaster
- Super bright white
- Easily painted to match decor
- IP Rating: IP20
- Indoor use only



PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
HV8069C	5500K	130lm	240v	2w G9 LED
HV8069W	3000k	120lm	240v	2w G9 LED

Sunrise 200

- High density extra strong plaster
- Super bright white
- Easily painted to match decor
- IP Rating: IP20
- Indoor use only



PART NUMBER	COLOUR TEMP	LUMENS	INPUT	INCLUDED LED
HV8070C	5500K	240lm	240v	3w SMD E14
HV8070W	3000k	220lm	240v	3w SMD E14

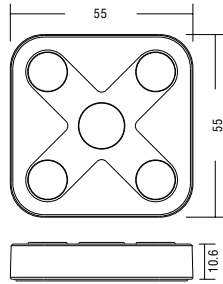
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Lighting by Havit

LED Control Gear By Havit

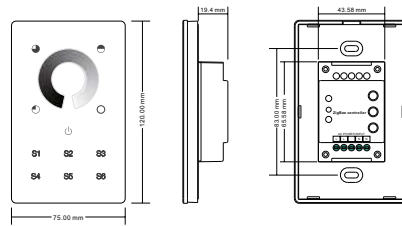




Zigbee Wall Switch

- Zigbee LED Dimming Controller
- Input Voltage: 3v DC
- Dimming range: 0.1-100%
- Operation Frequency: 2.4GHZ
- Compatible with all Zigbee Receivers

PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9101-ZB-5C	Zigbee LED Dimming Controller	IP20	DC 3v battery (CR2032)

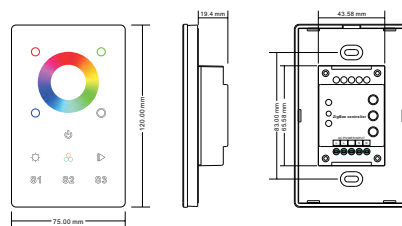


Single Coloured Zigbee LED Touch Panel

- Single Coloured Zigbee LED Touch Panel
- Compatible with Zigbee Receivers
- Input Voltage: 240 AC
- Preset 25% 50% 75% 100% brightness
- Six Scenes
- Dimming range: 0.1-100%
- Operation Frequency: 2.4GHZ

Must be used with HV9105-ZB-DIM

PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9101-ZB-SCTP	Single Coloured Zigbee LED Touch Panel	IP20	240v



RGBW Zigbee LED Touch Panel

- RGBW Zigbee LED Touch Panel
- Compatible with Zigbee Receivers
- Three scenes
- Input Voltage: 240v AC
- Operation Frequency: 2.4GHZ

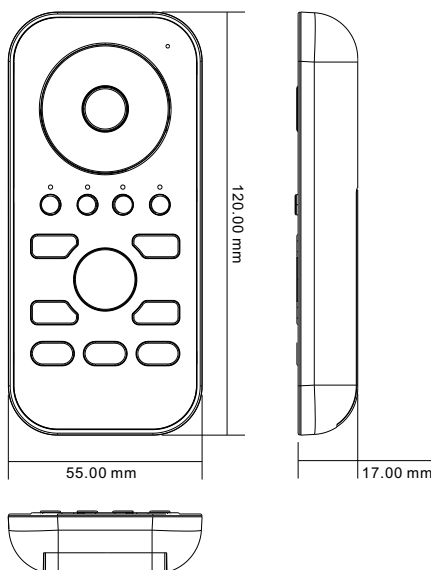
Must be used with HV9105-ZB-RGBW

PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9101-ZB-RGBWTP	RGBW Zigbee LED Touch Panel	IP20	240v

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Single Coloured Zigbee LED Remote Control

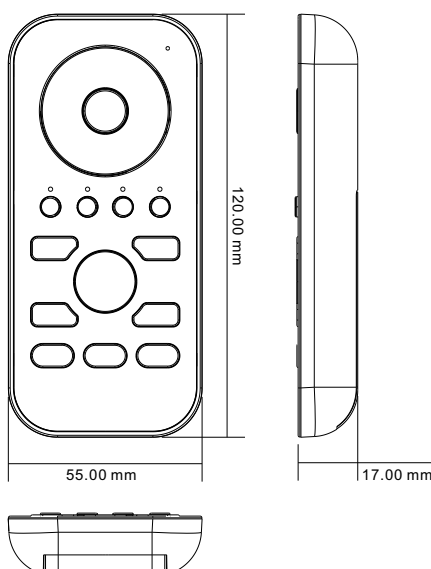
- Single Coloured Zigbee LED Remote Controller
- 4 zones + 3 scenes
- Compatible with Zigbee Receivers
- Input Voltage: 4.5v DC (3x AAA)
- Operation Frequency: 2.4GHZ



PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9102-ZB-SCREM	Single Coloured Zigbee LED Remote Controller	IP20	4.5v DC (3x AAA)

RGBW Zigbee LED Remote Control

- RGBW Zigbee LED Remote Controller
- Compatible with Zigbee Receivers
- Three scenes
- Input Voltage: 4.5v DC (3x AAA)
- Operation Frequency: 2.4GHZ

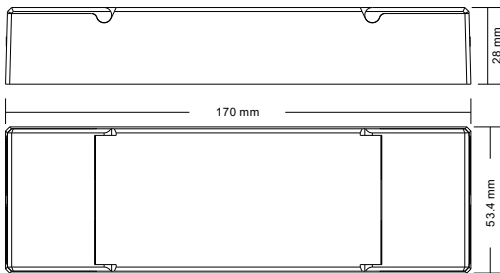


PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9102-ZB-RGBWREM	RGBW Zigbee LED Remote Controller	IP20	4.5v DC (3x AAA)

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Single Coloured Zigbee LED Controller

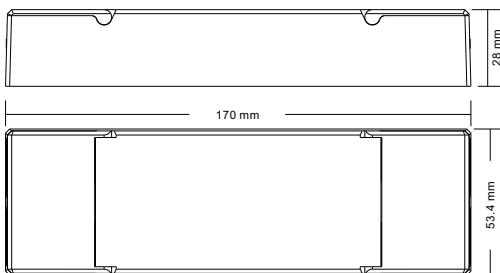


- Single Coloured Zigbee LED Controller
- Can be controlled with Zigbee Hub or HV9102-ZB-SCTP or HV9102-ZB-SCREM or HV9101-ZB-5C
- Input Voltage: 12-24V DC
- Output Power: 4CH x 5A (240W-480W)
- Operation frequency 2.4GHZ

PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9105-ZB-DIM	Single Coloured Zigbee LED Controller	IP20	12-24V DC



RGBW Zigbee LED Controller



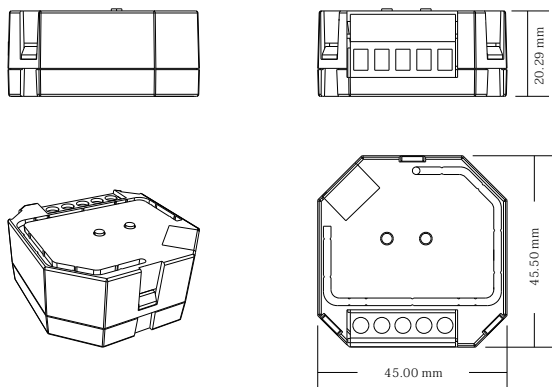
- RGBW Zigbee LED Controller
- Can be controlled with Zigbee Hub or HV9102-ZB-RGBW or HV9102-ZB-RGBWREM or HV9101-ZB-5C
- Input Voltage: 12-24V DC
- Output Power: 4CH x 5A (240W-480W)
- Operation frequency 2.4GHZ

PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9105-ZB-RGBW	RGBW Zigbee LED Controller	IP20	12-24V DC

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Zigbee Trailing Edge Dimmer Relay

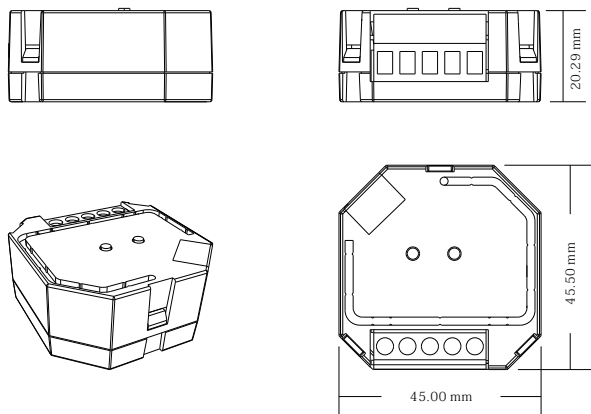
- Zigbee Trailing edge dimmer
- Can be controlled using HV9101-ZB-5C
- Can be used with push dimmer
- Input Voltage: 240v AC
- Output Power: 400W (200w LED)
- Operation frequency 2.4GHZ



PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9105-ZB-ACDIM	Zigbee Trailing edge dimmer	IP20	240v

Zigbee On-Off Switch Relay

- Zigbee on-off switch
- Can be controlled using HV9101-ZB-5C
- Can be used with push switch
- Input Voltage: 240v AC
- Output Power: 400W (200w LED)
- Operation frequency 2.4GHZ



PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9105-ZB-ACSW	Zigbee on-off switch	IP20	240v

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



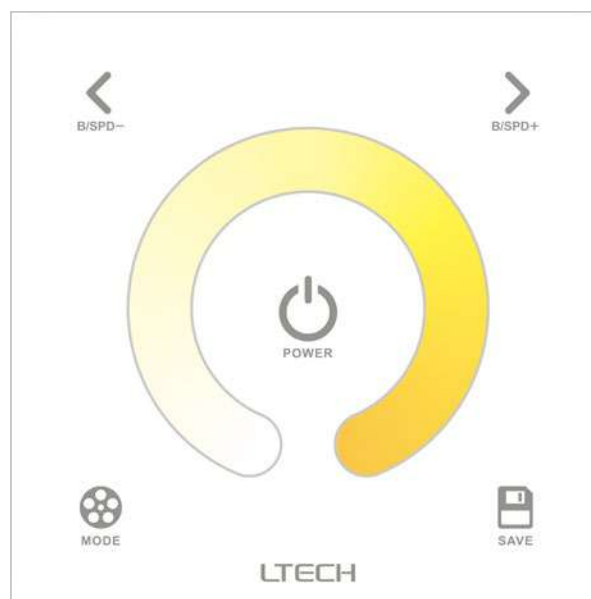
LED Strip Touch Panel Controllers

IMAGE	PART NUMBER	DESCRIPTION	POWER
	HV9101-DX1	<ul style="list-style-type: none"> • Single Colour LED strip touch panel • Suits Ecolamp Single Colour LED strip • Input Voltage: 240v AC • Output Signal: 2.4GHZ + DMX512 • Transmitting Range: 30m approx • Must be used with HV9103-R4-5A 	240v AC
	HV9101-DX2	<ul style="list-style-type: none"> • Colour Temp (CT) LED strip touch panel • Customise the colour temperature • Suits Ecolamp CT LED strip • Input Voltage: 240v AC • Output Signal: 2.4GHZ + DMX512 • Transmitting Range: 30m approx • Must be used with HV9103-R4-5A 	240v AC
	HV9101-DX3	<ul style="list-style-type: none"> • RGB LED strip touch panel • Suits Ecolamp RGB LED strip • Input voltage: 240v AC • Output signal: 2.4GHZ + DMX512 • Transmitting range: 30m approx • Must be used with HV9103-R4-5A 	240v AC
	HV9101-DX4	<ul style="list-style-type: none"> • RGBC & RGBW wireless touch panel • Suits Ecolamp RGBC & RGBW LED strip • Input Voltage: 240v AC • Output signal: 2.4GHZ + DMX512 • Transmitting range approx. 30m • Must be used with HV9103-R4-5A 	240v AC
	HV9103-R4-5A	<ul style="list-style-type: none"> • Zone receiving controller • 4 Channel • Input Voltage: 12v DC or 24v DC • Frequency: 2.4GHZ 	12v DC 240w 24v DC 480w

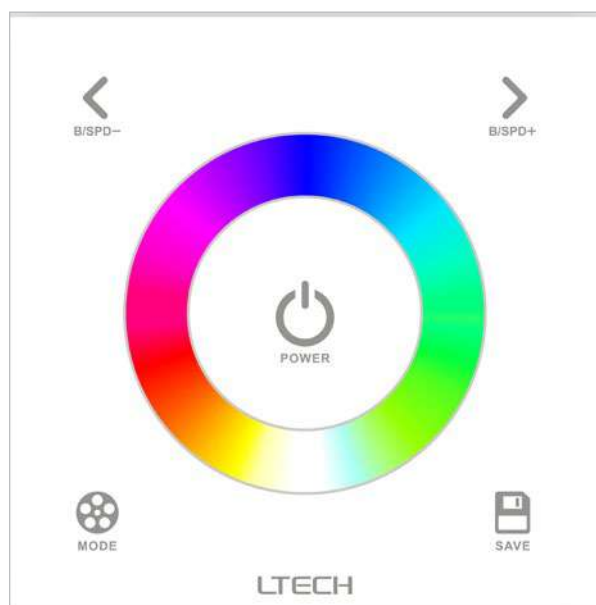
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



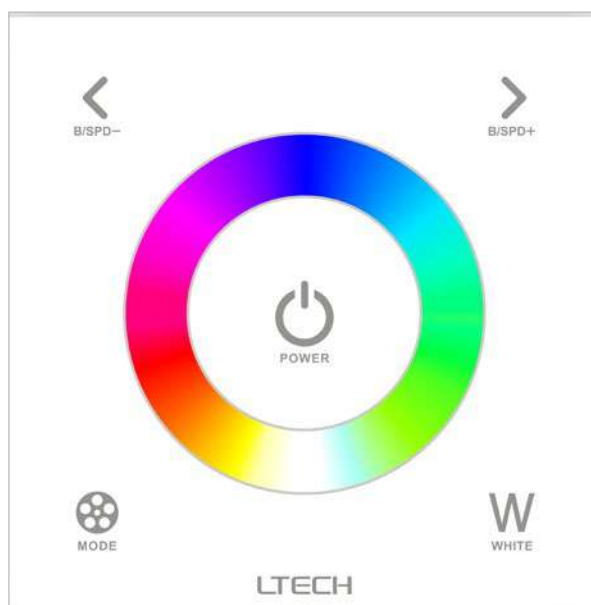
**Single Colour
HV9101-DX1**



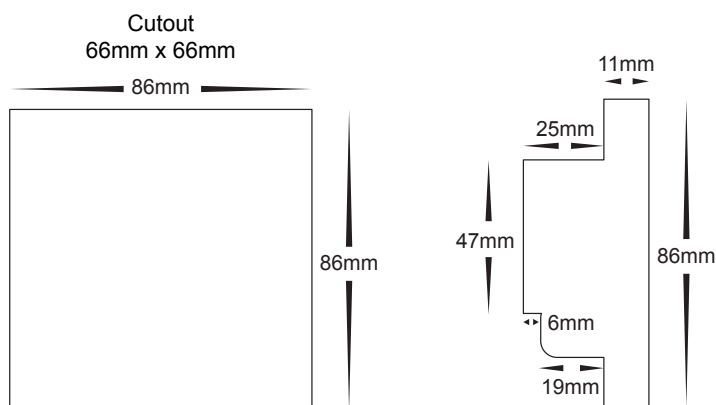
**Colour Temp (CT)
HV9101-DX2**



**RGB
HV9101-DX3**




**RGBC & RGBW
HV9101-DX4**





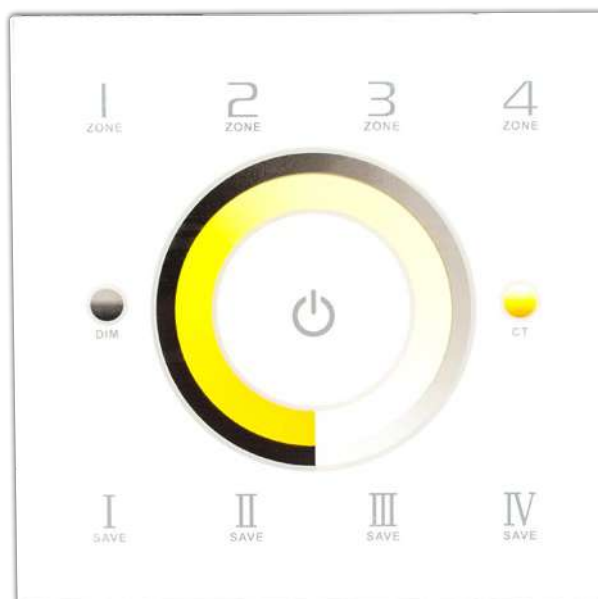
LED Strip Touch Panel Controllers

IMAGE	PART NUMBER	DESCRIPTION	POWER
	HV9101-DX5	<ul style="list-style-type: none"> • Single Colour LED strip touch panel • Suits Ecolamp Single Colour LED Strip • Control up to 4 separate zones • Input Voltage: 240v AC • Output Signal: 2.4GHZ + DMX512 • Transmitting Range: 30m approx • Must be used with HV9103-R4-5A 	240v AC
	HV9101-DX7	<ul style="list-style-type: none"> • Colour Temp (CT) LED strip touch panel • Customise colour temp • Suits Ecolamp CT LED Strip • Control up to 4 separate zones • Input Voltage: 240v AC • Output Signal: 2.4GHZ + DMX512 • Transmitting Range: 30m approx • Must be used with HV9103-R4-5A 	240v AC
	HV9101-DX8	<ul style="list-style-type: none"> • RGBC & RGBW wireless touch panel • Suits Ecolamp RGBC & RGBW LED strip • Able to control up to 4 separate zones • Input Voltage: 240v AC • Output Signal: 2.4GHZ + DMX512 • Transmitting range approx. 30m • Must be used with HV9103-R4-5A 	240v AC
	HV9103-R4-5A	<ul style="list-style-type: none"> • Zone receiving controller • 4 Channel • Input Voltage: 12v DC or 24v DC • Frequency: 2.4GHZ 	12v DC 240w 24v DC 480w

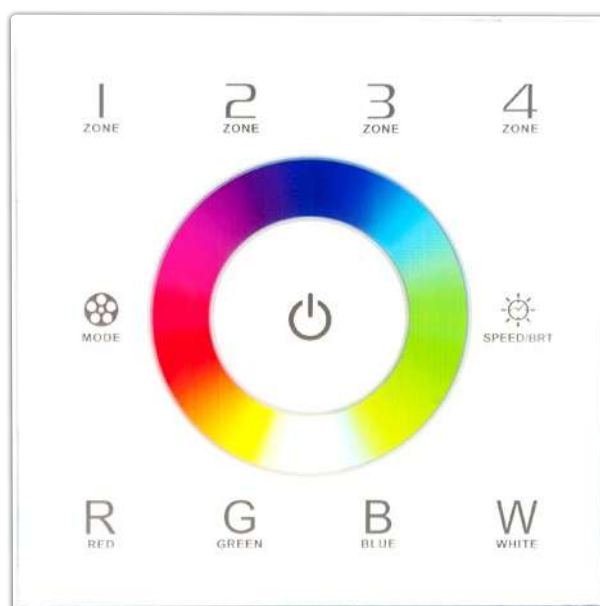
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



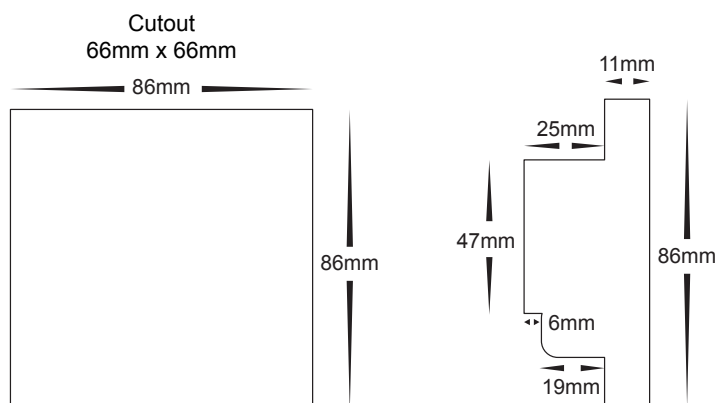
Single Colour
HV9101-DX5



Colour Temp (CT) 3000-5500K
HV9101-DX7



RGBC & RGBW
HV9101-DX8





LED Strip Dial Controllers

IMAGE	PART NUMBER	DESCRIPTION	POWER
	HV9101-DX61	<ul style="list-style-type: none"> • Single Colour LED strip • Suits Ecolamp Single Colour LED Strip • Input Voltage: 240v AC • Output Signal: 2.4GHZ + DMX512 • Transmitting Range: 30m approx • Must be used with HV9103-R4-5A 	240v AC
	HV9101-DX62	<ul style="list-style-type: none"> • Colour Temp (CT) LED strip • Customise the colour temp to your desire • Suits Ecolamp CT LED Strip • Input Voltage: 240v AC • Output Signal: 2.4GHZ + DMX512 • Transmitting Range: 30m approx • Must be used with HV9103-R4-5A 	240v AC
	HV9101-E6-TD1	<ul style="list-style-type: none"> • Leading edge Triac dimmer • For use with Havit dimmable LED drivers. • Dimming LEDs: 6-300W 	240v AC
	HV9103-R4-5A	<ul style="list-style-type: none"> • Zone receiving controller • 4 Channel • Input Voltage: 12v DC or 24v DC • Frequency: 2.4GHZ 	12v DC 240w 24v DC 480w

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



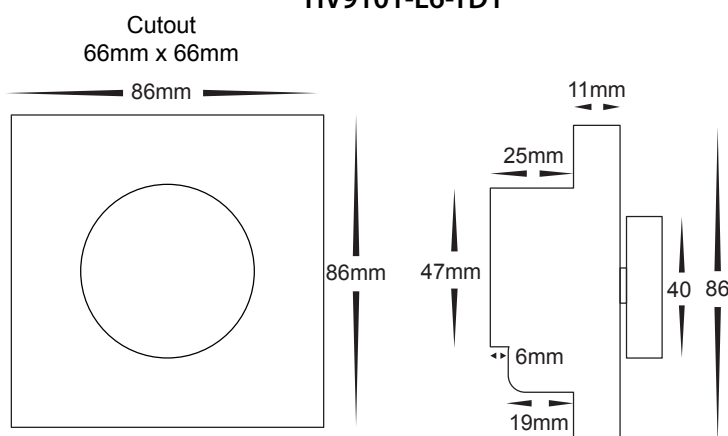
Single Colour
HV9101-DX61



Colour Temp (CT) 3000-5500K
HV9101-DX62





Single Colour Triac
HV9101-E6-TD1





LED Strip Touch Panel Controllers

IMAGE	PART NUMBER	DESCRIPTION	POWER
	HV9101-D1	<ul style="list-style-type: none"> • Single Colour LED strip touch panel • Suits Ecolamp Single Colour LED Strip • Easy 30 second till off delay button • "Favourite" memory button • Input Voltage: 12v DC or 24v DC 	<p>12v DC 144w 24v DC 288w</p>
	HV9101-D2	<ul style="list-style-type: none"> • Colour Temp (CT) LED strip touch panel • Suits Ecolamp Colour Temp (CT) LED Strip • Input Voltage: 12v DC or 24v DC 	<p>12v DC 96w 24v DC 192w</p>
	HV9101-E3S	<ul style="list-style-type: none"> • RGB LED strip touch panel controller • Suits Ecolamp RGB LED Strip • Input Voltage: 12v DC or 24v DC 	<p>12v DC 144w 24v DC 288w</p>
	HV9101-E4S	<ul style="list-style-type: none"> • RGBC & RGBW LED strip Touch Panel controller • Suits Ecolamp RGBC/W LED Strip • Input Voltage: 12v DC or 24v DC 	<p>12v DC 192w 24v DC 384w</p>

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



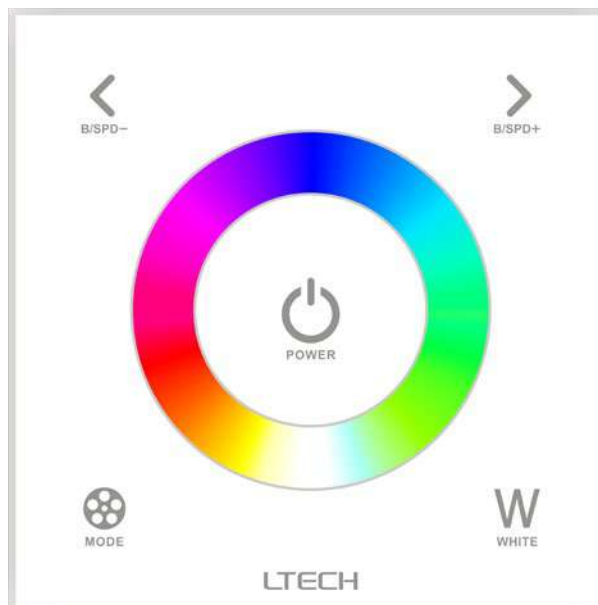
**Single Colour
HV9101-D1**



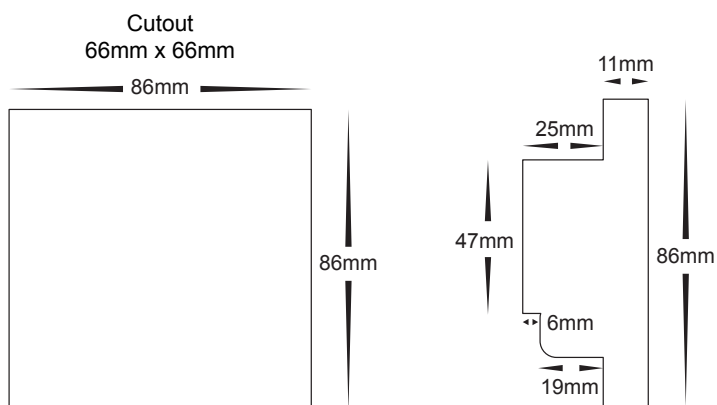
**Colour Temp (CT) 3000-5500K
HV9101-D2**



**RGB
HV9101-E3S**



**RGBC & RGBW
HV9101-E4S**





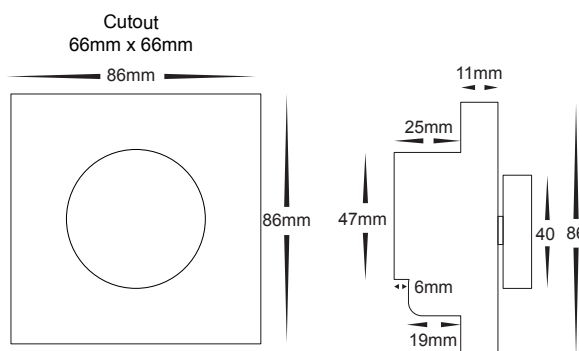
Lighting by Havit



Single Colour
HV9101-D61



Colour Temp (CT) 3000-5500K
HV9101-D62



LED Strip Dial Controllers



IMAGE	PART NUMBER	DESCRIPTION	POWER
	HV9101-D61	<ul style="list-style-type: none"> • Single Colour LED strip • Suits Ecolamp Single Colour LED Strip • 0 - 100% dimming • Input Voltage: 12v DC or 24v DC • Optional output Signal: 0-1/10v 	<p>12v DC 72w 24v DC 144w</p>
	HV9101-D62	<ul style="list-style-type: none"> • Colour Temp (CT) LED strip • Customise the colour temp • Suits Ecolamp CT LED Strip • Input Voltage: 12v DC or 24v DC 	<p>12v DC 96w 24v DC 192w</p>

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



LED Strip Remote Controllers

IMAGE	PART NUMBER	DESCRIPTION	POWER
	HV9102-M1+M4-5A	<ul style="list-style-type: none"> • Single colour remote controller and receiver • For use with LED strip • 3v Battery (CR2032) • Output signal: 2.4ghz • Transmitting range: 30m approx • Input Voltage: 12v DC or 24v DC 	12v DC 240w 24v DC 480w
	HV9102-M2+M4-5A	<ul style="list-style-type: none"> • CT remote controller and receiver • For use with LED strip • 3v Battery (CR2032) • Output signal: 2.4ghz • Transmitting range: 30m approx • Input Voltage: 12v DC or 24v DC 	12v DC 240w 24v DC 480w
	HV9102-M3+M4-5A	<ul style="list-style-type: none"> • RGB remote controller and receiver • For use with LED strip • 3v Battery (CR2032) • Output signal: 2.4ghz • Transmitting range: 30m approx • Input Voltage: 12v DC or 24v DC 	12v DC 240w 24v DC 480w
	HV9102-M4+M4-5A	<ul style="list-style-type: none"> • RGBC or RGBW remote controller and receiver • For use with LED strip • 3v Battery (CR2032) • Output signal: 2.4ghz • Transmitting range: 30m approx • Input Voltage: 12v DC or 24v DC 	12v DC 240w 24v DC 480w

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Single Colour
HV9102-M1+M4-5A



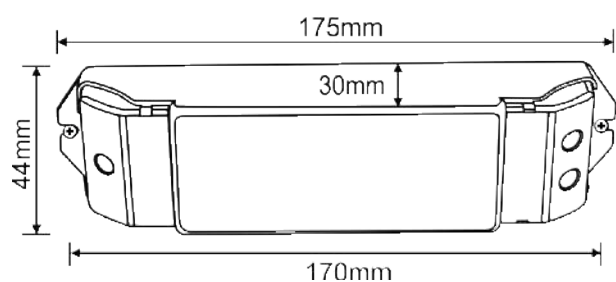
Colour Temp (CT) 3000K-5500K
HV9102-M2+M4-5A



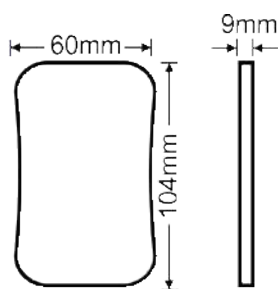
RGB
HV9102-M3+M4-5A



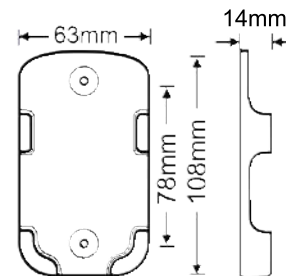
RGBC & RGBW
HV9102-M4+M4-5A



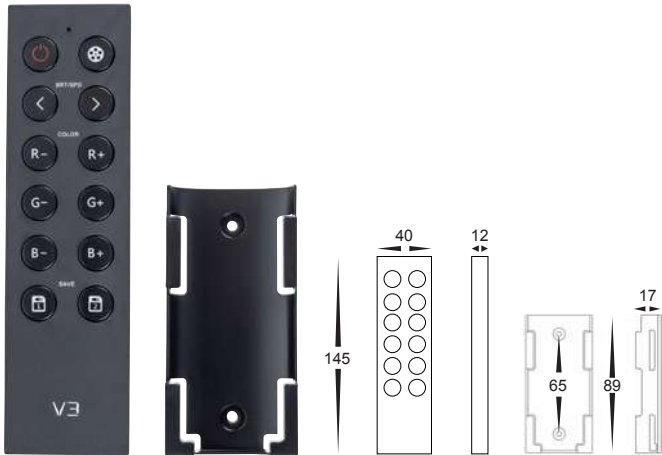
Receiver



Remote



Remote-holder



RGB

- RGB LED strip remote controller
- Suits RGB LED Strip
- Output Signal: 2.4GHZ
- Transmitting Range: 30m approx
- DC 3v battery (CR2032)
- Must be used with HV9103-R4-5A

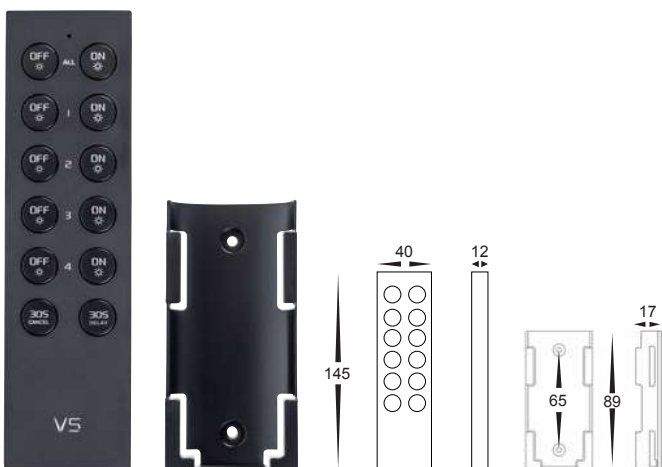
PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9102-V3	RGB LED strip remote controller	IP20	DC 3v battery (CR2032)



RGBC & RGBW

- RGBC & RGBW LED strip remote controller
- Suits RGBC/W LED Strip
- Output Signal: 2.4GHZ
- Transmitting Range: 30m approx
- DC 3v battery (CR2032)
- Must be used with HV9103-R4-5A

PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9102-V4	RGBC/W LED strip remote controller	IP20	DC 3v battery (CR2032)



Single Colour

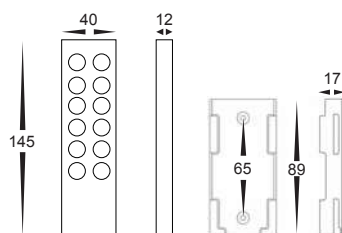
- Single Colour LED strip remote controller
- Suits Single Colour LED Strip
- Control up to 4 separate zones
- Output Signal: 2.4GHZ
- Transmitting Range: 30m approx
- DC 3v battery (CR2032)
- Must be used with HV9103-R4-5A

PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9102-V5	Single Colour LED strip remote controller	IP20	DC 3v battery (CR2032)

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

CT LED

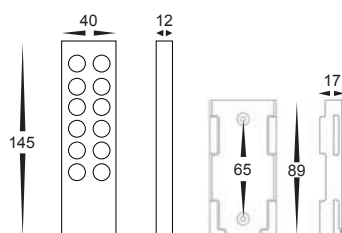
- CT LED strip remote controller
- Suits CT LED Strip
- Control up to 4 separate zones
- Output Signal: 2.4GHZ
- Transmitting Range: 30m approx
- DC 3v battery (CR2032)
- Must be used with HV9103-R4-5A



PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9102-V6	CT LED strip remote controller	IP20	DC 3v battery (CR2032)

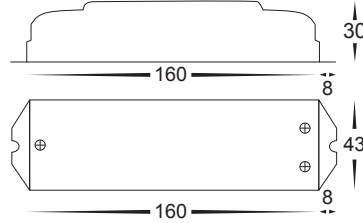
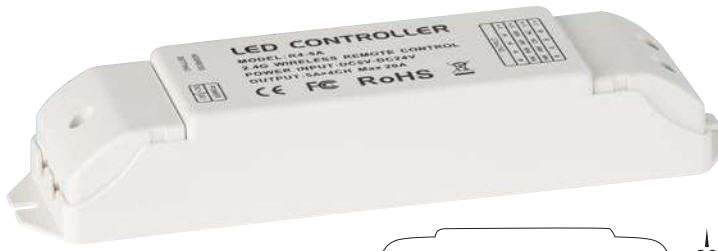
RGBC & RGBW

- RGBC & RGBW LED strip remote controller
- Suits RGBC/W LED Strip
- Control up to 4 separate zones
- Output Signal: 2.4GHZ
- Transmitting Range: 30m approx
- DC 3v battery (CR2032)
- Must be used with HV9103-R4-5A



PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9102-V8	RGBC/W LED strip remote controller	IP20	DC 3v battery (CR2032)

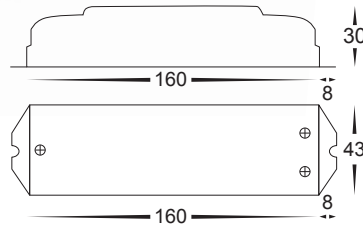
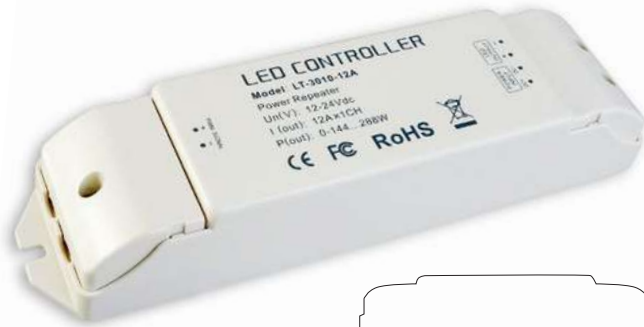
IMAGE	PART NUMBER	DESCRIPTION	POWER
	HV9103-R4-5A	<ul style="list-style-type: none"> • Zone receiving controller • 4 Channel • Input Voltage: 12v DC or 24v DC • Frequency: 2.4GHZ 	12v DC 240w 24v DC 480w



LED Zone Receiver

- Zone receiving controller
- 4 Channel
- Input Voltage: 12v DC or 24v DC
- Frequency: 2.4GHZ

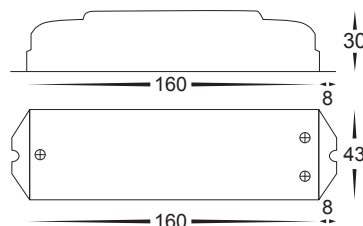
PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9103-R4-5A	LED Zone receiving controller	IP20	12v DC 240w / 24v DC 480w max



Single Channel Repeater

- Power Repeater / Amplifier
- Enables additional loads of LED strip to be controlled from 1 device
- Single channel
- Input Voltage: 12v DC or 24v DC

PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9104-LT-3010-12A	Single Channel Repeater	IP20	12v DC 144w / 24v DC 288w max



4 Channel Repeater

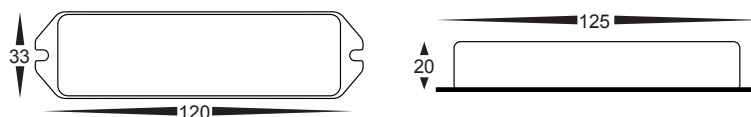
- Power Repeater / Amplifier
- Enables additional loads of LED strip to be controlled from 1 device
- 4 Channel
- Input Voltage: 12v DC or 24v DC

PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9104-LT-3040-5A	LED Power Repeater / Amplifier	IP20	12v DC 240w / 24v DC 480w max

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Colour Temp (CT)

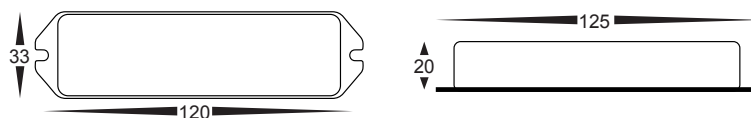
- CT LED strip Wifi controller
- Customise the colour temp to your desire
- Suits Ecolamp CT LED Strip
- Input Voltage: 12v DC or 24v DC



PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9105-WIFI-101-CT	Colour Temp (CT) LED strip WiFi controller	IP20	12v DC 144w max / 24v DC 288w max

RGBC & RGBW

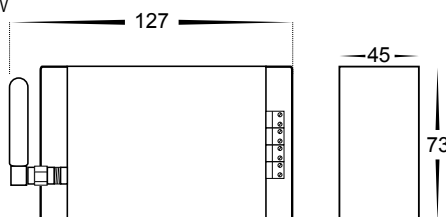
- RGBC/W LED strip Wifi controller
- Suits Ecolamp RGBC/W LED Strip
- Input Voltage: 12v DC or 24v DC



PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9105-WIFI-101-RGBW	RGBC & RGBW LED strip WiFi controller	IP20	12v DC 144w max / 24v DC 288w max

WIFI Multi-function

- Android 2.2 or above, IOS 5.1 or above
- 2.4GHz Wi-Fi, 802.11b/g/n protocol
- 12V DC or 24V DC
- Max 30m
- Dimming, CT, RGB, RGBW



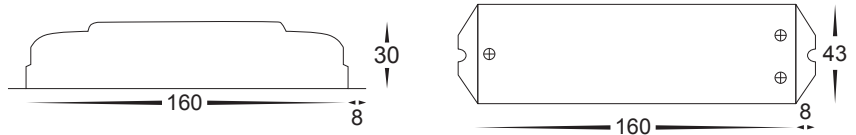
PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9105-WIFI-104	WIFI Multi-function controller	IP20	12v DC 192W / 24v DC 384W

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Single Colour



- 0-1/10v LED Strip Controller
- Suits Ecolamp single colour LED strip
- Dimming range: 0-100%
- Input Signal: 0-1/10v
- Input Voltage: 12v DC or 24v DC

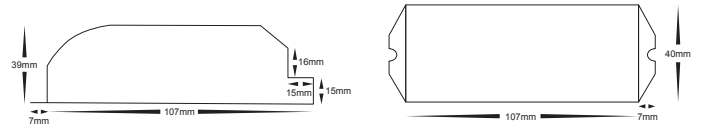


PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9106-LT-701-12A	0-1/10v LED Strip Controller	IP20	12v DC 144w max / 24v DC 288w max

RGB

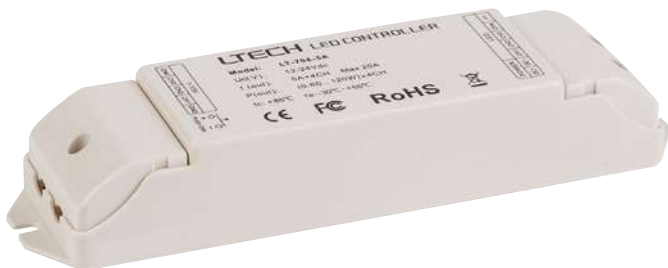


- 0-1/10v RGB LED Strip Controller
- Suits Ecolamp RGB LED strip
- Input Signal: 0-1/10v
- Input Voltage: 12v DC or 24v DC

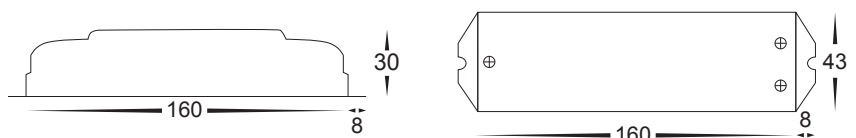


PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9106-LT-393-5A	0-1/10v RGB LED Strip Controller	IP20	12v DC 180w max / 24v DC 360w max

RGBC & RGBW



- 0-1/10v RGBC & RGBW LED Strip Controller
- Suits Ecolamp RGBC/W LED strip
- Input Signal: 0-1/10v
- Input Voltage: 12v DC or 24v DC

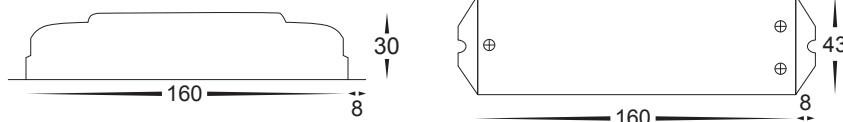


PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9106-LT-704-5A	0-1/10v RGBC & RGBW LED Strip Controller	IP20	12v DC 240w max / 24v DC 480w max

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Single Colour

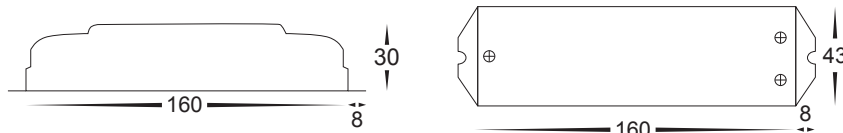
- Dali LED Strip Controller
- Suits Ecolamp single colour LED strip
- Dimming range: 0-100%
- Input Signal: DALI digital dimming signal
- Input Voltage: 12v DC or 24v DC
- Output Signal: 0-1/10v



PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9107-LT-401-12A	Dali LED Strip Controller	IP20	12v DC 144w max / 24v DC 288w max

RGB

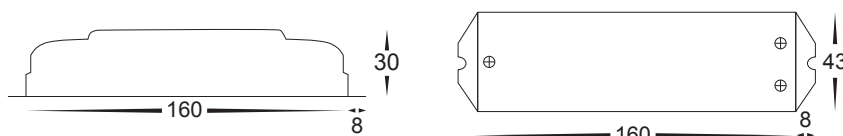
- Dali RGB LED Strip Controller
- Suits Ecolamp RGB LED strip
- Input Signal: DALI digital dimming signal
- Input Voltage: 12v DC or 24v DC
- Output Signal: 0-1/10v



PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9107-LT-403-6A	Dali RGB LED Strip Controller	IP20	12v DC 216w max / 24v DC 432w max

RGBC & RGBW

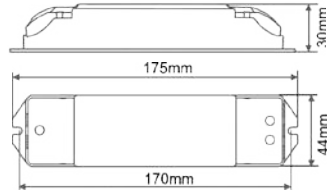
- Dali RGBC/RGBW LED Strip Controller
- Suits Ecolamp RGBC & RGBW LED strip
- Input Signal: DALI digital dimming signal
- Input Voltage: 12v DC or 24v DC
- Output Signal: 0-1/10v



PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9107-LT-404-5A	Dali RGBC/RGBW LED Strip Controller	IP20	12v DC 216w max / 24v DC 432w max

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

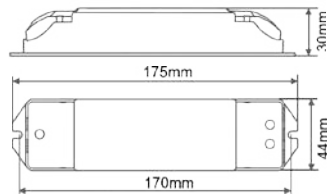
Single Colour



- DMX LED strip controller
- For use with Single Colour LED strip
- Input signal: DMX512
- Input voltage: 12v DC or 24v DC
- Max Load Current:
12A x 1CH + 0-10V X 1CH + 10V PWM X 1CH
- Dimming Range: 0-100%

PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9109-LT-811-12A	DMX Controller for Single Coloured LED Strip	IP20	12v DC 144w max / 24v DC 288w max

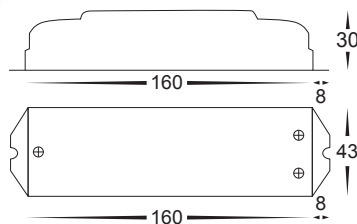
RGB



- DMX LED strip controller
- For use with RGB LED strip
- Input signal: DMX512
- Input voltage: 12v DC or 24v DC
- Max Load Current: 6A X 3 Channel Max 18A
- Dimming Range: 0-100%

PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9109-LT-823-6A	DMX Controller for RGB LED Strip	IP20	12v DC 216w max / 24v DC 432 max

RGBC & RGBW



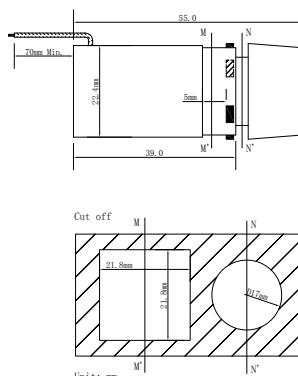
- DMX LED strip controller
- For use with RGBC or RGBW LED strip
- Input signal: DMX512
- Input voltage: 12v DC or 24v DC
- Max Load Current: 5A X 4 Channel Max 20A
- Dimming Range: 0-100%

PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9109-LT-820-5A	DMX Controller for RGBC or RGBW LED Strip	IP20	12v DC 240w max / 24v DC 480w max

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

LED Dial Dimmer

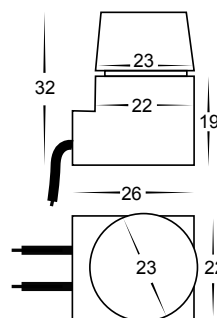
- LED Dial Dimmer
- Suits specified Havit dimmable products
- 3-300w Max



PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9625	Havit LED Dial Dimmer	IP20	240v 3w min/300w max

1-10v LED Strip Dimming Pot

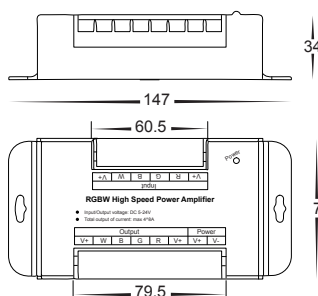
- 1-10v dimming pot for Clipsal or HPM plate
- Suits Ecolamp single colour LED strip lights
- Enables wall plate dimming on a standard Clipsal or HPM plate



PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9628	1-10v dimming pot for standard Clipsal & HPM plate	IP20	NA

4 Channel LED Repeater / Amplifier

- Power Repeater / Amplifier
- Enables additional loads of LED strip to be controlled from 1 device
- 4 channel
- Input voltage: 12v DC or 24v DC



PART NUMBER	DESCRIPTION	IP RATING	POWER
HV9635	4 Channel LED Repeater / Amplifier	IP20	12v DC 384w Max / 24v DC 768w Max

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Lighting by Havit



LED Drivers By Havit



12v DC - IP66 Weatherproof

- 12v DC constant voltage
- Flex and plug included
- Must be installed with adequate ventilation
- Suits Havit 12v LED products
- IP Rating: IP66



IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HxWxL(mm)
	HV9650s	240v AC	12v DC 10w	(H)21x (W)29x (L)89
	HV9651	240v AC	12v DC 20w	(H)28x (W)30x (L)162
	HV9652	240v AC	12v DC 30w	(H)22x (W)40x (L)148
	HV9653	240v AC	12v DC 60w	(H)31x (W)41x (L)179
	HV9654	240v AC	12v DC 100w	(H)46x (W)72x (L)210

High Power Factor 12v DC - IP66 Weatherproof

IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HxWxL(mm)
	HV9658-12V30W	240v AC	12v DC 30w	(H)28x (W)37x (L)212
	HV9658-12V60W	240v AC	12v DC 60w	(H)46x (W)67x (L)175
	HV9658-12V100W	240v AC	12v DC 100w	(H)46x (W)72x (L)215
	HV9658-12V150W	240v AC	12v DC 150w	(H)46x (W)68x (L)247
	HV9658-12V200W	240v AC	12v DC 200w	(H)46x (W)68x (L)247
	HV9658-12V275W	240v AC	12v DC 275w	(H)50x (W)95x (L)275

Slimline 12v DC - IP66 Weatherproof

IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HxWxL(mm)
	HV9658-12V60WS	240v AC	12v DC 60w	(H)22x (W)40x (L)253
	HV9658-12V95WS	240v AC	12v DC 95w	(H)22x (W)40x (L)298

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

24v DC - IP66 Weatherproof

- 24v DC constant voltage
- Flex and plug included
- Must be installed with adequate ventilation
- Suits Havit 24v LED products
- IP Rating: IP66



IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HxWxL(mm)
	HV9652-24V	240v AC	24v DC 30w	(H)22x (W)40x (L)148
	HV9653-24V	240v AC	24v DC 60w	(H)31x (W)41x (L)179
	HV9654-24V	240v AC	24v DC 100w	(H)46x (W)72x (L)210

High Power Factor 24v DC - IP66 Weatherproof

IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HxWxL(mm)
	HV9658-24V30W	240v AC	24v DC 30w	(H)28x (W)37x (L)212
	HV9658-24V60W	240v AC	24v DC 60w	(H)46x (W)67x (L)175
	HV9658-24V100W	240v AC	24v DC 100w	(H)46x (W)72x (L)215
	HV9658-24V150W	240v AC	24v DC 150w	(H)46x (W)68x (L)247
	HV9658-24V200W	240v AC	24v DC 200w	(H)46x (W)68x (L)247
	HV9658-24V300W	240v AC	24v DC 300w	(H)50x (W)95x (L)275

Slimline 24v DC - IP66 Weatherproof

IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HxWxL(mm)
	HV9658-24V60WS	240v AC	24v DC 60w	(H)22x (W)40x (L)253
	HV9658-24V95WS	240v AC	24v DC 95w	(H)22x (W)40x (L)298

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

TRIAC

- TRIAC Dimmable LED drivers
- Constant voltage 12v DC
- Must be installed with adequate ventilation
- Suits Havit 12v DC single coloured LED strip



IP20 INDOOR

IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HxWxL (mm)
	HV9660-12V30W	240v AC	12v DC 30w	(H)20x (W)54x (L)155
	HV9660-12V60W	240v AC	12v DC 60w	(H)24x (W)61x (L)178



IP66 WEATHERPROOF

IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HxWxL (mm)
	HV9660-12V100W	240v AC	12v DC 100w	(H)43x (W)70x (L)230
	HV9660-12V150W	240v AC	12v DC 150w	(H)47x (W)78x (L)265
	HV9660-12V200W	240v AC	12v DC 200w	(H)47x (W)78x (L)265
	HV9660-12V300W	240v AC	12v DC 300w	(H)47x (W)78x (L)278

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

TRIAC

- TRIAC Dimmable LED drivers
- Constant voltage 24V DC
- Must be installed with adequate ventilation
- Suits Havit 24v DC single coloured LED strip



IP20 INDOOR

IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HxWxL(mm)
	HV9660-24V30W	240v AC	24v DC 30w	(H)20x (W)54x (L)155
	HV9660-24V60W	240v AC	24v DC 60w	(H)24x (W)61x (L)178



IP66 WEATHERPROOF

IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HxWxL(mm)
	HV9660-24V100W	240v AC	24v DC 100w	(H)43x (W)70x (L)230
	HV9660-24V150W	240v AC	24v DC 150w	(H)47x (W)78x (L)265
	HV9660-24V200W	240v AC	24v DC 200w	(H)47x (W)78x (L)265
	HV9660-24V300W	240v AC	24v DC 300w	(H)47x (W)78x (L)278

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

2in1 Dimmable Drivers

- TRIAC Dimmable LED drivers
- Triac +0-1/10V Dimming
- Constant voltage 12v or 24v DC
- Must be installed with adequate ventilation
- Suits Havit 12v or 24v DC single coloured LED strip



12V DC - IP66 WEATHERPROOF

IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HxWxL (mm)
	HV9661-12V30W	240v AC	12v DC 30w	(H)20x (W)32x (L)260
	HV9661-12V60W	240v AC	12v DC 60w	(H)20x (W)32x (L)300
	HV9661-12V100W	240v AC	12v DC 100w	(H)23x (W)32x (L)330



24V DC - IP66 WEATHERPROOF

IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HxWxL (mm)
	HV9661-24V30W	240v AC	24v DC 30w	(H)20x (W)32x (L)260
	HV9661-24V60W	240v AC	24v DC 60w	(H)20x (W)32x (L)300
	HV9661-24V100W	240v AC	24v DC 100w	(H)23x (W)32x (L)330

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Dali Dimmable Drivers

- Dali Dimmable LED drivers
- Constant voltage 12v or 24v DC
- Must be installed with adequate ventilation
- Suits Havit 12v or 24v DC single coloured LED strip



12V DC - IP66 WEATHERPROOF

IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HxWxL (mm)
	HV9663-12V30W	240v AC	12v DC 30w	(H)20x (W)32x (L)260
	HV9663-12V60W	240v AC	12v DC 60w	(H)20x (W)32x (L)300
	HV9663-12V100W	240v AC	12v DC 100w	(H)23x (W)32x (L)330



24V DC - IP66 WEATHERPROOF

IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HxWxL (mm)
	HV9663-24V30W	240v AC	24v DC 30w	(H)20x (W)32x (L)260
	HV9663-24V60W	240v AC	24v DC 60w	(H)20x (W)32x (L)300
	HV9663-24V100W	240v AC	24v DC 100w	(H)23x (W)32x (L)330

12v DC Constant Voltage

- Must be installed with adequate ventilation
- Suits Havit 12v LED products
- IP Rating: IP66



IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HXWXL (MM)
	HV9665-12V4W	240v AC	12v DC 4w	(H)21x (W)27x (L)47

12v DC Constant Voltage

- Flex and plug included
- Must be installed with adequate ventilation
- Suits Havit 12v LED products
- IP Rating: IP20



IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HXWXL (MM)
	HV9666-12V20W	240v AC	12v DC 20w	(H)13x (W)50x (L)128
	HV9666-12V30W	240v AC	12v DC 30w	(H)16x (W)53x (L)155
	HV9667-12V60W	240v AC	12v DC 60w	(H)32x (W)61x (L)184
	HV9667-12V75W	240v AC	12v DC 75w	(H)32x (W)61x (L)184

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

24v DC Constant Voltage

- Flex and plug included
- Must be installed with adequate ventilation
- Suits Havit 24v LED products
- IP Rating: IP20



IMAGE	PART NUMBER	INPUT POWER	OUTPUT POWER	SIZE HXWXL (MM)
	HV9666-24V15W	240v AC	24v DC 20w	(H)13x (W)50x (L)128
	HV9666-24V30W	240v AC	24v DC 30w	(H)16x (W)53x (L)155
	HV9667-24V60W	240v AC	24v DC 60w	(H)32x (W)61x (L)184
	HV9667-24V75W	240v AC	24v DC 75w	(H)32x (W)61x (L)184



Lighting by Havit



LED Profile By Havit

Custom cut orders available.

All custom cut orders require minimum of 48hrs production time from order confirmation, plus delivery time.

<p>19mm x 21mm</p> <p>HV9690-2119 - Page 281</p>	<p>26mm x 18mm</p> <p>HV9690-2618 - Page 282</p>	<p>10mm x 10mm</p> <p>HV9691-1010 - Page 283</p>	<p>16mm x 16mm</p> <p>HV9691-1616 - Page 283</p>	<p>30mm x 30mm</p> <p>HV9691-3030 - Page 284</p>
<p>19mm x 30mm</p> <p>HV9692-1930 - Page 285</p>	<p>5mm x 7mm</p> <p>HV9693-0507 - Page 285</p>	<p>9mm x 15mm</p> <p>HV9693-0915 - Page 286</p>	<p>10mm x 7mm</p> <p>HV9693-1007 - Page 286</p>	<p>15mm x 6mm</p> <p>HV9693-1506 - Page 287</p>
<p>16mm x 12mm ALU BLK WHT</p> <p>HV9693-1612 - Page 287</p>	<p>18mm x 9mm ALU BLK WHT</p> <p>HV9693-1707 - Page 288</p>	<p>18mm x 6mm BENDABLE</p> <p>HV9693-1806 - Page 288</p>	<p>19mm x 8mm</p> <p>HV9693-1808 - Page 289</p>	<p>18mm x 13mm</p> <p>HV9693-1812 - Page 289</p>
<p>18mm x 15mm ALU BLK WHT</p> <p>HV9693-1815 - Page 290</p>	<p>19mm x 14mm</p> <p>HV9693-1922 - Page 290</p>	<p>21mm x 21mm</p> <p>HV9693-2114 - Page 291</p>	<p>23mm x 10mm</p> <p>HV9693-2310 - Page 291</p>	<p>23mm x 28mm</p> <p>HV9693-2320 - Page 292</p>
<p>35mm x 37mm ALU BLK WHT</p> <p>HV9693-3537 - Page 293</p>	<p>38mm x 90mm ALU BLK WHT</p> <p>HV9693-3890 - Page 294</p>	<p>45mm x 11mm</p> <p>HV9693-4511 - Page 295</p>	<p>49mm x 75mm</p> <p>HV9693-4975 - Page 296</p>	
<p>60mm x 70mm ALU BLK WHT</p> <p>HV9693-6070 - Page 297</p>	<p>60mm x 80mm ALU BLK WHT</p> <p>HV9693-6080 - Page 298</p>	<p>80mm x 35mm</p> <p>HV9693-8035 - Page 299</p>	<p>82mm x 90mm ALU BLK WHT</p> <p>HV9693-8090 - Page 300</p>	

DIAGRAMS ARE NOT TO SCALE

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

<p>11mm x 45mm BLK WHT</p> <p>HV9694-1145 - Page 301</p>	<p>11mm x 70mm BLK WHT</p> <p>HV9694-1170 - Page 301</p>	<p>6mm x 25mm</p> <p>HV9694-0625 - Page 302</p>	<p>9mm x 7mm</p> <p>HV9695-0907 - Page 302</p>	
<p>25mm x 9mm ALU BLK WHT</p> <p>HV9695-2507-Page 303</p>	<p>25mm x 16mm ALU BLK WHT</p> <p>HV9695-2515 - Page 303</p>	<p>24mm x 20mm</p> <p>HV9695-2520 - Page 304</p>	<p>30mm x 10mm</p> <p>HV9695-2810 - Page 304</p>	
<p>44mm x 35mm</p> <p>HV9695-4435 - Page 305</p>	<p>44mm x 40mm</p> <p>HV9695-4540 - Page 305</p>	<p>100mm x 35mm</p> <p>HV9695-9835 - Page 306</p>		
<p>19mm x 9mm</p> <p>HV9698-1908 - Page 307</p>	<p>26mm x 26mm</p> <p>HV9698-2626 - Page 308</p>	<p>17mm x 8mm</p> <p>HV9699-1708 - Page 309</p>	<p>17mm x 15mm</p> <p>HV9699-1715 - Page 309</p>	
<p>23mm x 8mm</p> <p>HV9699-2308 - Page 309</p>	<p>23mm x 15mm</p> <p>HV9699-2315 - Page 310</p>	<p>27mm x 7mm</p> <p>HV9699-2707 - Page 310</p>	<p>26mm x 26mm</p> <p>HV9699-1616 - Page 310</p>	

DIAGRAMS ARE NOT TO SCALE

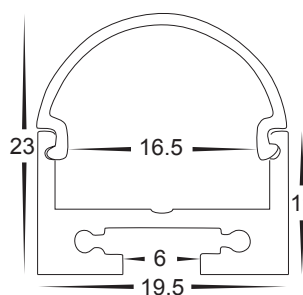
***All profile custom cut lengths will include end caps. eg 2000mm will cut at 1995mm to allow installation of end caps.**

***Powder coating available for most models in black or white at an additional cost per metre.**



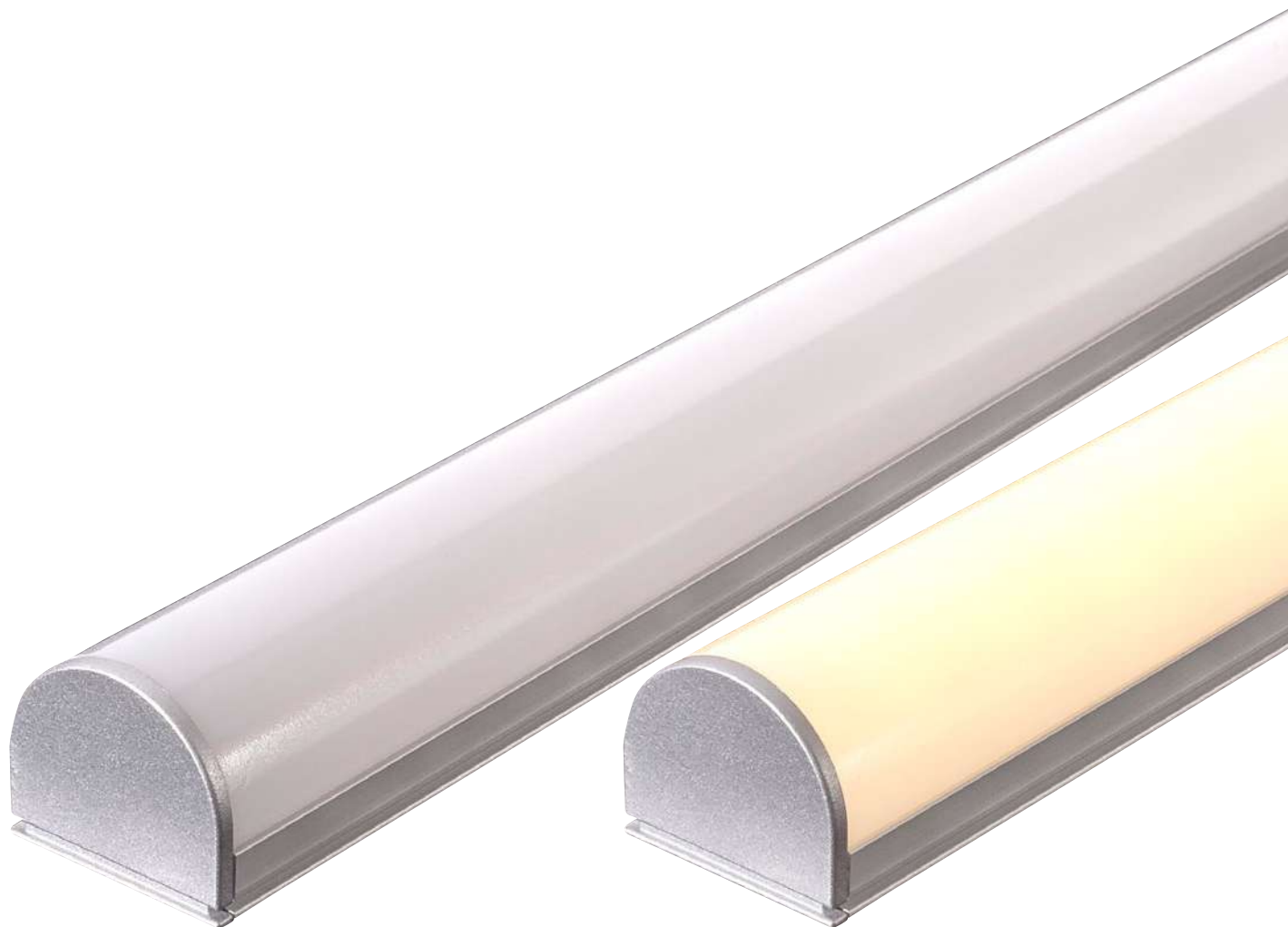
Semi Round LED Profile

- Shallow square profile with rounded diffuser
- UV Stabilised PC diffuser



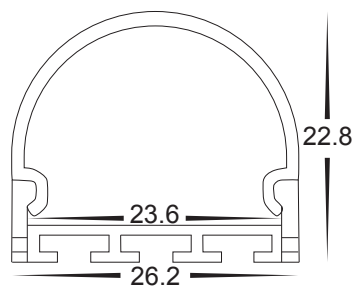
PART NUMBER	DESCRIPTION	MAX LENGTH
HV9690-2119	Shallow Square Aluminium Profile with Rounded Diffuser - Kit - / Metre	3 metres
HV9690-2119-3M	3m Length includes aluminium, diffuser + 6x end caps	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Semi Round LED Profile

- Shallow square profile with rounded diffuser
- UV Stabilised PC diffuser

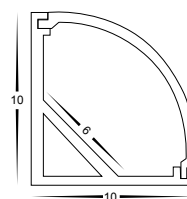


PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9690-2618	Shallow Square Aluminium Profile with Rounded Diffuser - Kit - / Metre	IP20	3 metres
HV9690-2618-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Corner LED Profile

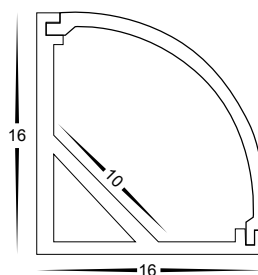
- 90 degree corner profile
- UV Stabilised PC diffuser



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9691-1010	90° Corner Aluminium Profile with Standard Diffuser - Kit - / Metre	IP20	3 metres
HV9691-1010-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres

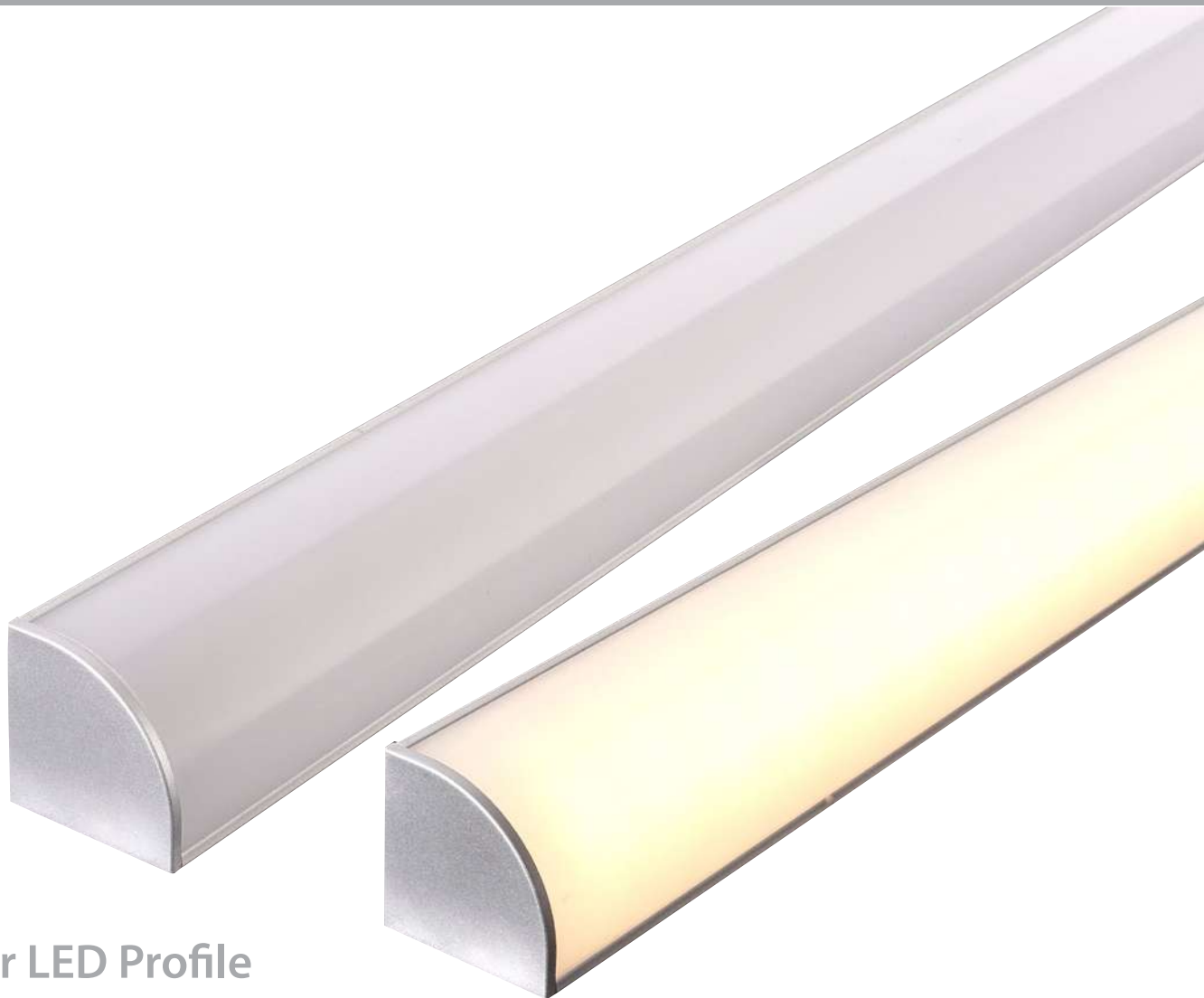
Corner LED Profile

- 90 degree corner profile
- UV Stabilised PC diffuser



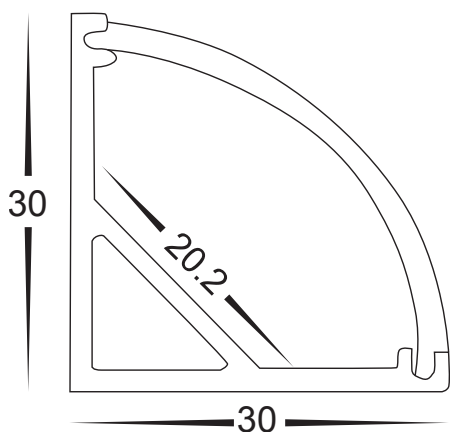
PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9691-1616	90° Corner Aluminium Profile with Standard Diffuser - Kit - / Metre	IP20	3 metres
HV9691-1616-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Corner LED Profile

- 90 degree corner profile
- UV Stabilised PC diffuser

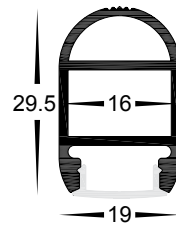


PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9691-3030	90° Corner Aluminium Profile with Standard Diffuser - Kit - / Metre	IP20	3 metres
HV9691-3030-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Wardrobe LED Profile

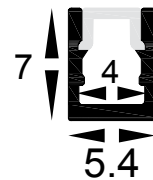
- For use in wardrobes
- UV Stabilised PC diffuser
- Max Weight 10kg per metre



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9692-1930	Wardrobe Aluminium Profile with Standard Diffuser - Kit - / Metre	IP20	3 metres
HV9692-1930-CR	Centre mounting rod to suit HV9692-1930		
HV9692-1930-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

Micro Square LED Profile

- Micro square profile
- UV Stabilised PC diffuser

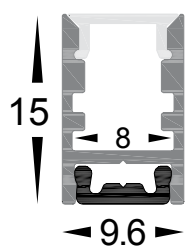


PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-0507	Shallow Square Aluminium Profile with Standard Diffuser - Kit - / Metre	IP20	3 metres
HV9693-0507-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Square LED Profile

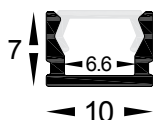
- Square profile
- UV Stabilised PC diffuser



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-0915	9mm x 15mm Square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-0915-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

Square LED Profile

- Shallow square profile
- UV Stabilised PC diffuser

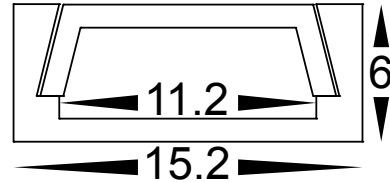


PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-1007	Shallow Square Aluminium Profile with Standard Diffuser - Kit - / Metre	IP20	3 metres
HV9693-1007-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Square LED Profile

- Shallow square profile
- UV Stabilised PC diffuser

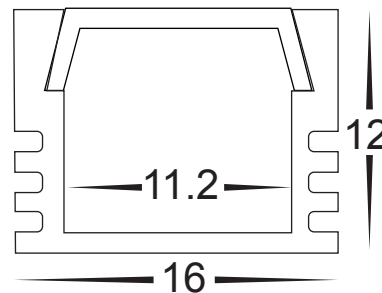


PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-1506	Shallow Square Aluminium Profile with Standard Diffuser - Kit - / Metre	IP20	3 metres
HV9693-1506-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres



Square LED Profile

- Shallow square profile
- UV Stabilised PC diffuser

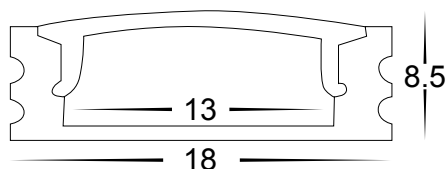


PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-1612	Shallow Square Aluminium Profile with Standard Diffuser - Kit - / Metre	IP20	3 metres
HV9693-1612-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres
HV9693-1612-BLK	Black Shallow Square Aluminium Profile with Standard Diffuser - Kit - / Metre	IP20	3 metres
HV9693-1612-BLK-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres
HV9693-1612-WHT	White Shallow Square Aluminium Profile with Standard Diffuser - Kit - / Metre	IP20	3 metres
HV9693-1612-WHT-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Square LED Profile

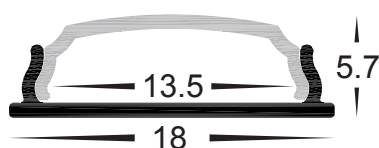
- Shallow square profile
- UV Stabilised PC diffuser



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-1707	18mm x 9mm Shallow square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-1707-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres
HV9693-1707-BLK	18mm x 9mm Black shallow square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-1707-BLK-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres
HV9693-1707-WHT	18mm x 9mm White shallow square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-1707-WHT-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres

Bendable LED Profile

- Shallow square profile
- UV Stabilised PC diffuser



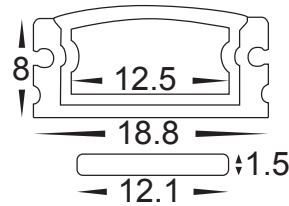
PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-1806	Shallow Square Bendable Aluminium Profile with Standard Diffuser - Kit - / Metre	IP20	3 metres
HV9693-1806 -3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



IP Rated Square LED Profile

- Shallow square profile
- UV Stabilised PC diffuser
- Profile can only be installed using supplied mounting clips
- Supplied with:
2x water tight seals per metre

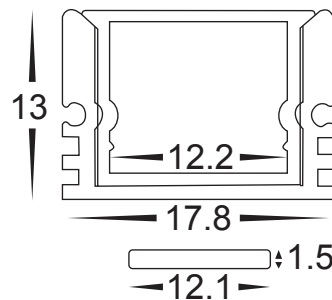


PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-1808	Shallow Square Aluminium Profile with Standard Diffuser - Kit - / Metre	IP65	3 metres
HV9693-1808-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP65	3 metres



IP Rated Square LED Profile

- Shallow square profile
- UV Stabilised PC diffuser
- Profile can only be installed using supplied mounting clips
- Supplied with:
2x water tight seals per metre

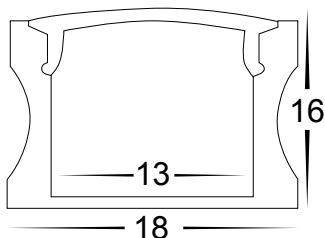
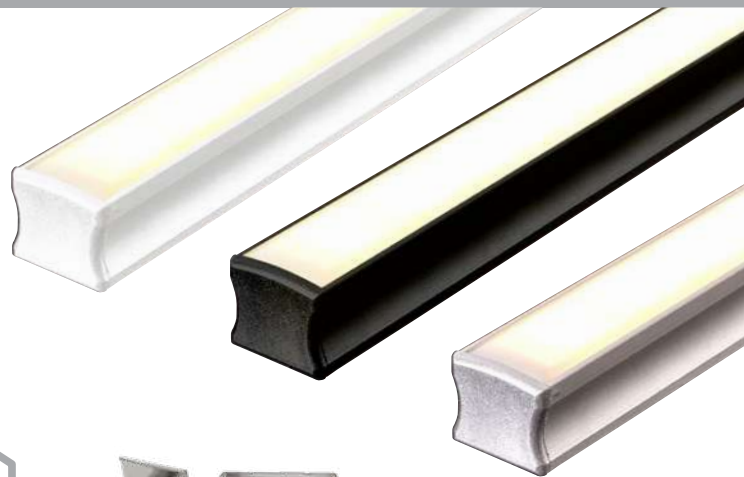


PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-1812	Shallow Square Aluminium Profile with Standard Diffuser - Kit - / Metre	IP65	3 metres
HV9693-1812-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP65	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Square LED Profile

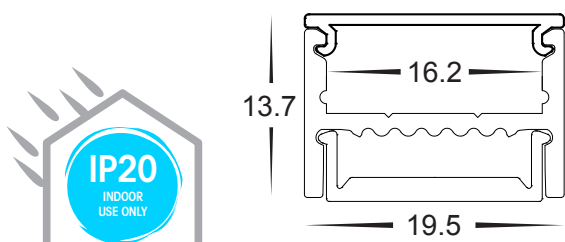
- Deep square profile
- UV Stabilised PC diffuser



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-1815	18mm x 15mm Deep square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-1815-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres
HV9693-1815-BLK	18mm x 15mm Black Deep square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-1815-BLK-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres
HV9693-1815-WHT	18mm x 15mm White Deep square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-1815-WHT-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres

Square LED Profile

- Deep square profile
- UV Stabilised PC diffuser

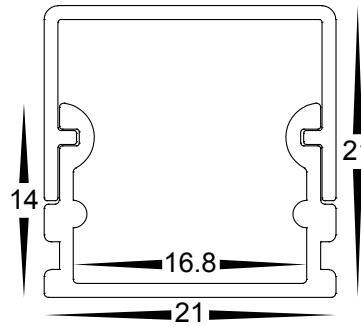


PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-1922	19mm x 14mm Deep square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-1922-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Square LED Profile

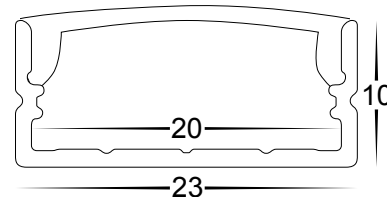
- Shallow square profile with square diffuser
- UV Stabilised PC diffuser



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-2114	21mm x 21mm Deep square profile with square diffuser	IP20	3 metres
HV9693-2114-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres

Square LED Profile

- Shallow double square profile
- UV Stabilised PC diffuser

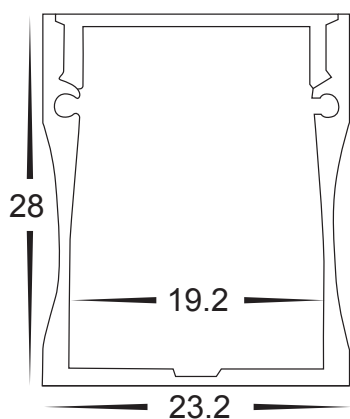


PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-2310	23mm x 10mm Shallow double square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-2310-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Square LED Profile

- Deep square profile
- UV Stabilised PC diffuser



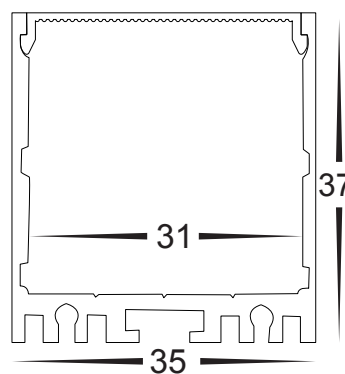
PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-2320	23mm x 28mm Deep square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-2320-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



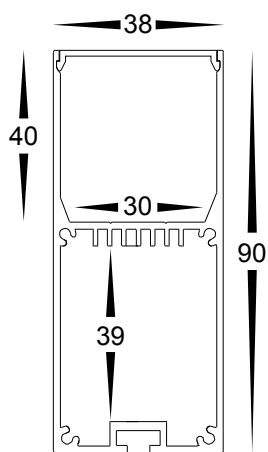
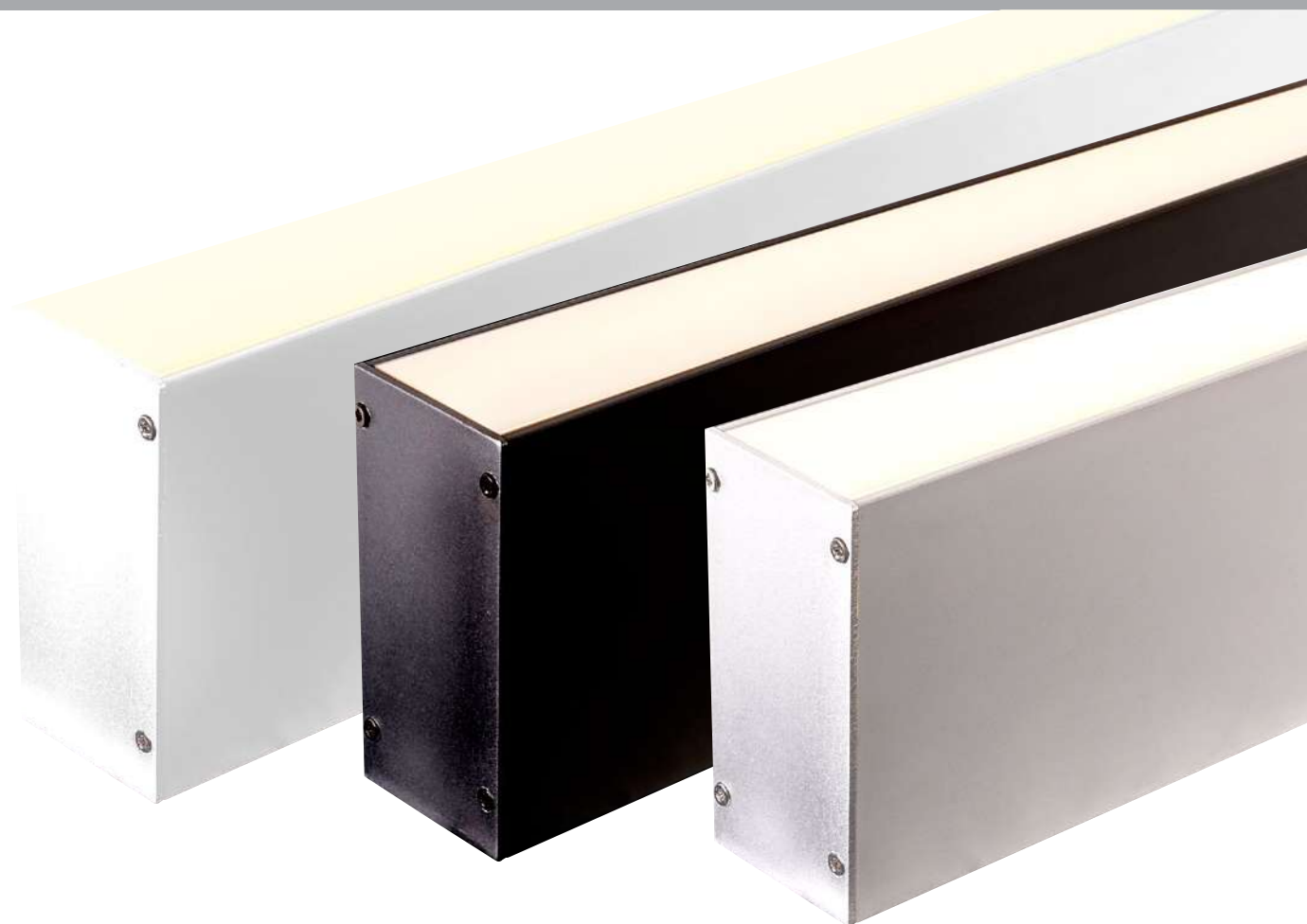
Square LED Profile

- Deep square profile
- UV Stabilised PC diffuser



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-3537	35mm x 37mm Deep square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-3537-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres
HV9693-3537-BLK	35mm x 37mm Black deep square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-3537-BLK-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres
HV9693-3537-WHT	35mm x 37mm White deep square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-3537-WHT-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Square LED Profile

- Large Deep square profile
- UV Stabilised PC diffuser



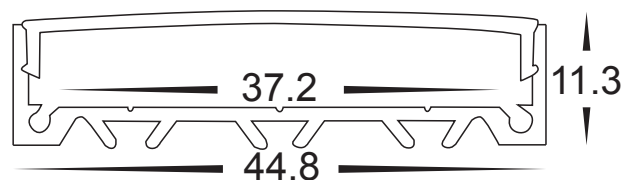
PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-3890	38mm x 90mm Square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-3890-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres
HV9693-3890-BLK	38mm x 90mm Black Square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-3890-BLK-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres
HV9693-3890-WHT	38mm x 90mm White Square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-3890-WHT-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



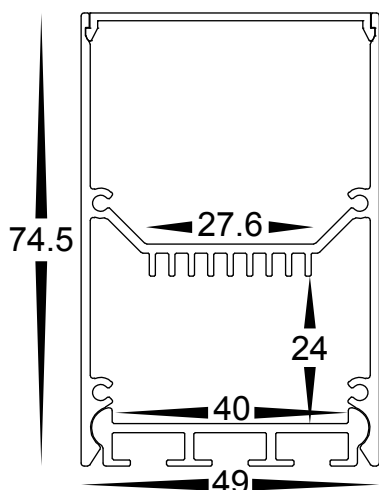
Square LED Profile

- Large shallow square profile
- UV Stabilised PC diffuser



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-4511	45mm x 11mm Large shallow square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-4511-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



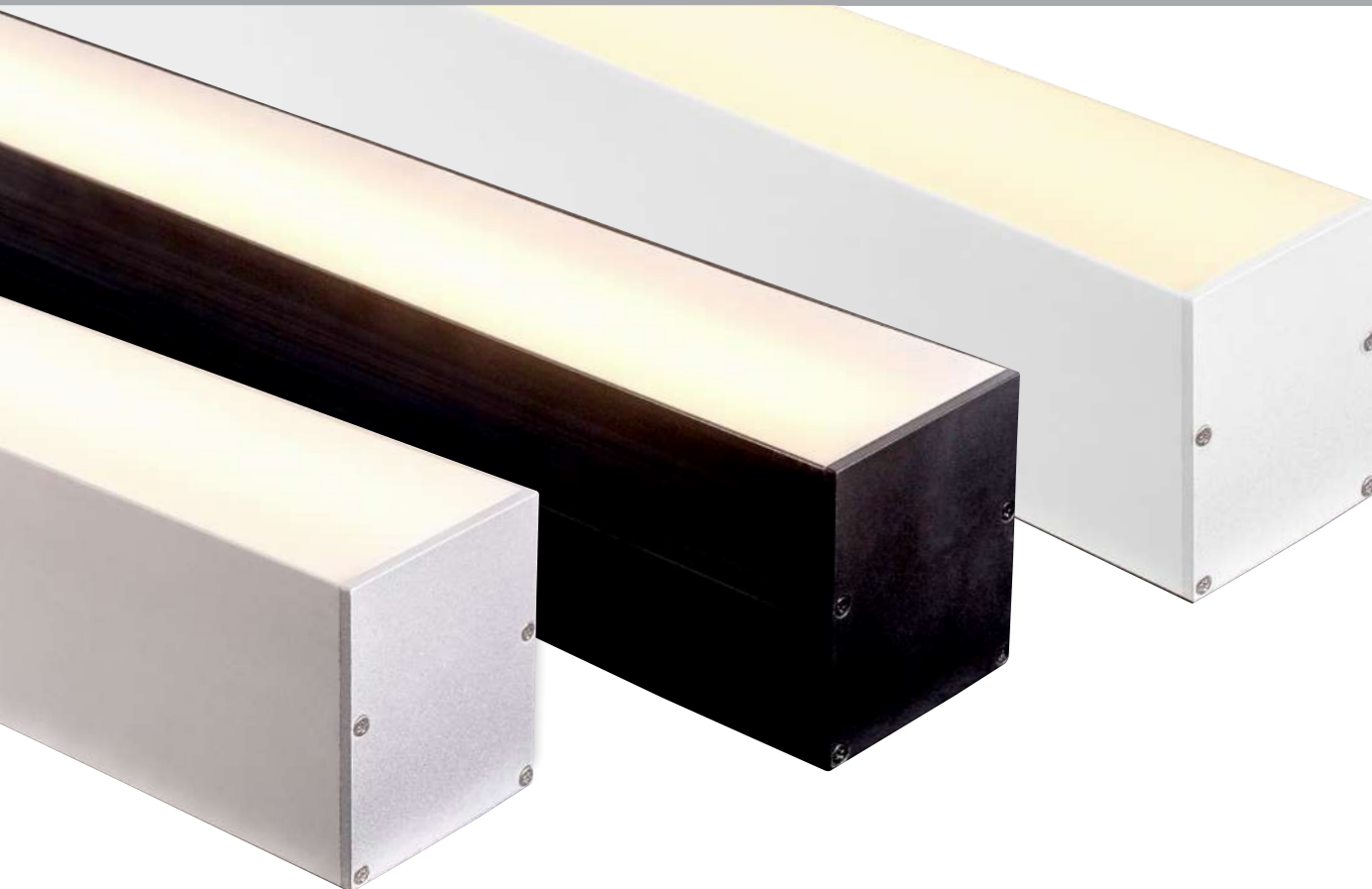
Square LED Profile

- Deep square profile
- UV Stabilised PC diffuser



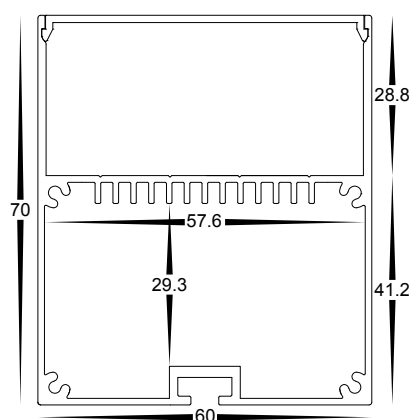
PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-4975	49mm x 75mm Deep square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-4975-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Square LED Profile

- Deep large square profile
- UV Stabilised PC diffuser



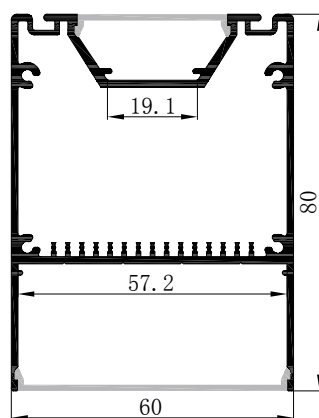
PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-6070	60mm x 70mm Deep large square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-6070-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres
HV9693-6070-BLK	60mm x 70mm Black deep large square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-6070-BLK-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres
HV9693-6070-WHT	60mm x 70mm White deep large square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-6070-WHT-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Square LED Profile

- Large Up/Down square profile
- UV Stabilised PC diffuser

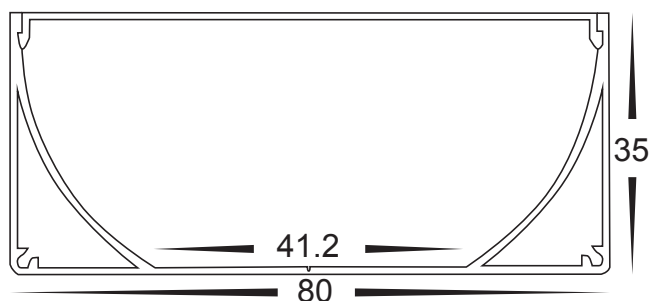


PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-6080	60mm x 80mm up/down profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-6080 -3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres
HV9693-6080-BLK	60mm x 80mm Black up/down profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-6080 -BLK-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres
HV9693-6080-WHT	60mm x 80mm White up/down profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-6080 -WHT-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres



Square LED Profile

- Large deep square profile
- UV Stabilised PC diffuser



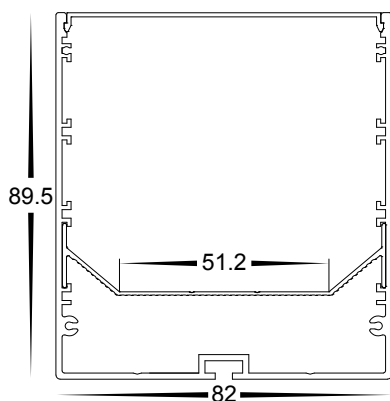
PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-8035	80mm x 35mm Large deep square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-8035-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



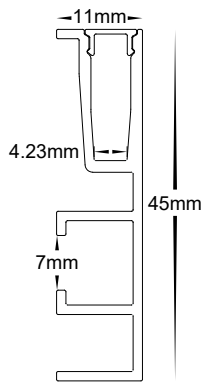
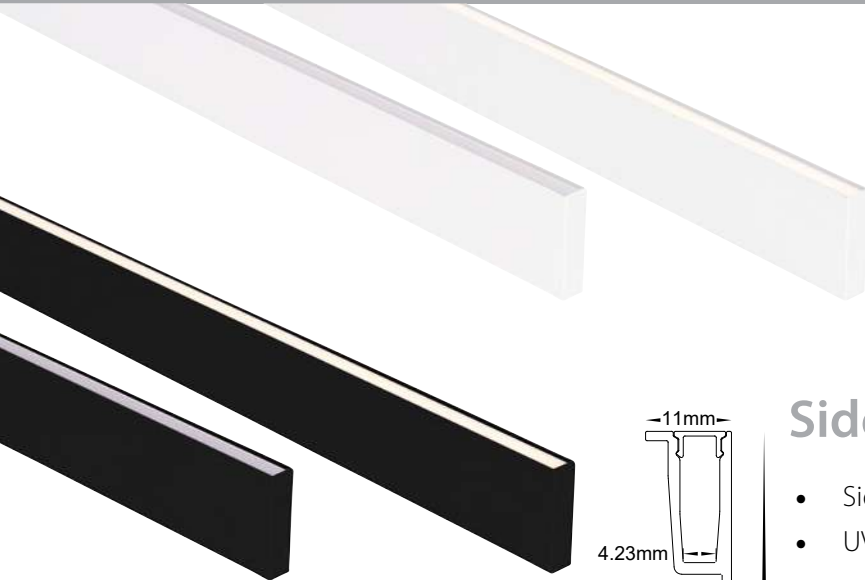
Square LED Profile

- Large deep square profile
- UV Stabilised PC diffuser
- Adjustable strip height via movable insert



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9693-8090	82mm x 90mm Deep large square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-8090-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres
HV9693-8090-BLK	82mm x 90mm Black deep large square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-8090-BLK-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres
HV9693-8090-WHT	82mm x 90mm White deep large square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9693-8090-WHT-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

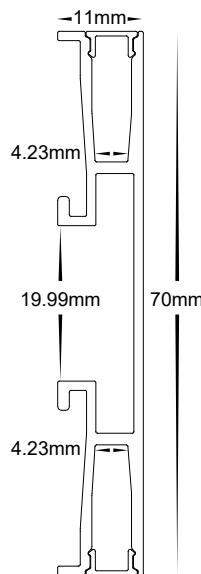


Side Mount LED Profile

- Side Mount LED Profile
- UV Stabilised PC diffuser



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9694-1145-BLK	11mm x 45mm Black side mounted profile with UV Stabilised PC diffuser	IP20	3 metres
HV9694-1145-BLK-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres
HV9694-1145-WHT	11mm x 45mm White side mounted profile with UV Stabilised PC diffuser	IP20	3 metres
HV9694-1145-WHT-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres



Up & Down Side Mount LED Profile

- Up & Down Side Mount LED Profile
- UV Stabilised PC diffusers

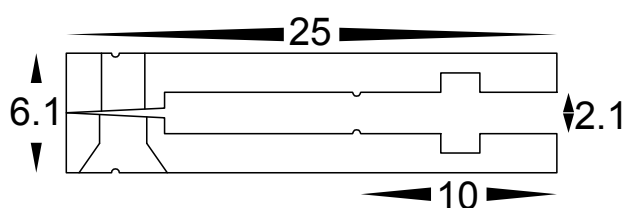


PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9694-1170-BLK	11mm x 70mm Black up/down side mounted profile with UV Stabilised PC diffuser	IP20	3 metres
HV9694-1170-BLK-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres
HV9694-1170-WHT	11mm x 70mm White up/down side mounted profile with UV Stabilised PC diffuser	IP20	3 metres
HV9694-1170-WHT-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Side Mount LED Profile

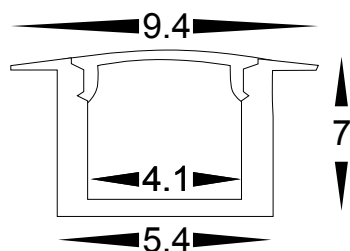
- Slim side mounted square profile
- UV Stabilised PC diffuser



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9694-0625	6mm x 25mm Side Mounted square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9694-0625-2M	2m Length includes aluminium, diffuser + 4x end caps	IP20	3 metres

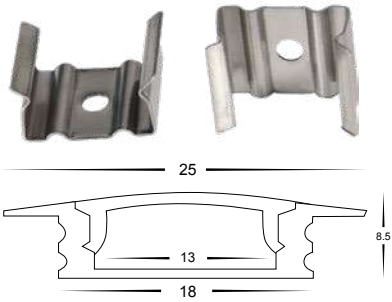
Micro Winged LED Profile

- Shallow micro winged square profile
- UV Stabilised PC diffuser
- Suitable for recessed installation



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9695-0907	9mm x 7mm Micro winged square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9695-0907-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

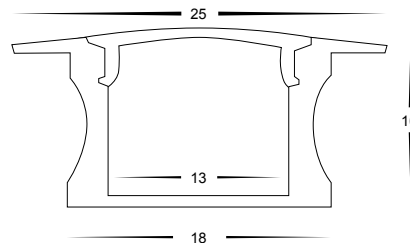
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Winged LED Profile

- Shallow winged square profile
- UV Stabilised PC diffuser
- Suitable for recessed installation

PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9695-2507	25mm x 9mm Shallow winged square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9695-2507-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres
HV9695-2507-BLK	25mm x 9mm Black shallow winged square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9695-2507-BLK-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres
HV9695-2507-WHT	25mm x 9mm White shallow winged square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9695-2507-WHT-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres



Winged LED Profile

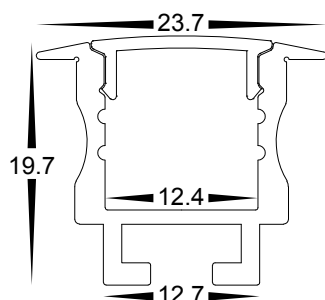
- Deep winged square profile
- UV Stabilised PC diffuser
- Suitable for recessed installation

PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9695-2515	25mm x 16mm Deep winged square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9695-2515-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres
HV9695-2515-BLK	25mm x 16mm Black Deep winged square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9695-2515-BLK-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres
HV9695-2515-WHT	25mm x 16mm White Deep winged square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9695-2515-WHT-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Winged LED Profile

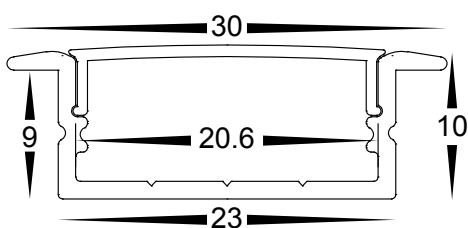
- Deep winged square profile
- UV Stabilised PC diffuser
- Supplied with spring clips
- Suitable for recessed installation



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9695-2520	25mm x 20mm Deep winged square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9695-2520-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x spring clips	IP20	3 metres

Winged LED Profile

- Shallow winged square profile
- UV Stabilised PC diffuser
- Suitable for recessed installation

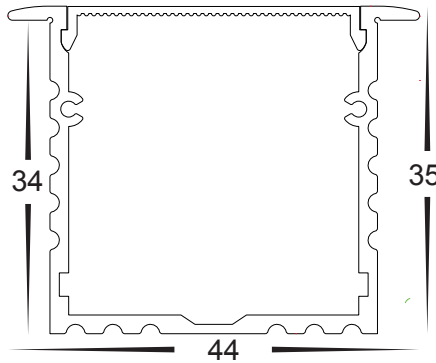


PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9695-2810	30mm x 10mm Shallow winged square profile with UV Stabilised PC diffuser	IP20	3 metres
HV9695-2810-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x mounting clips	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Winged LED Profile

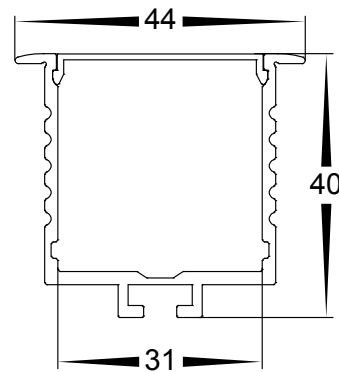
- Large square winged profile
- UV Stabilised PC diffuser
- Suitable for recessed installation



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9695-4435	44mm x 35mm Large square winged profile with UV Stabilised PC diffuser	IP20	3 metres
HV9695-4435-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

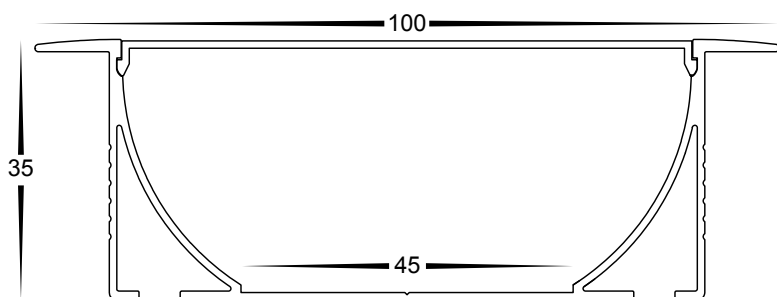
Winged LED Profile

- Large square winged profile
- UV Stabilised PC diffuser
- Supplied with spring clips
- Suitable for recessed installation



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9695-4540	44mm x 40mm Large square winged profile with UV Stabilised PC diffuser	IP20	3 metres
HV9695-4540-3M	3m Length includes aluminium, diffuser + 6x end caps & 6x spring clips	IP20	3 metres

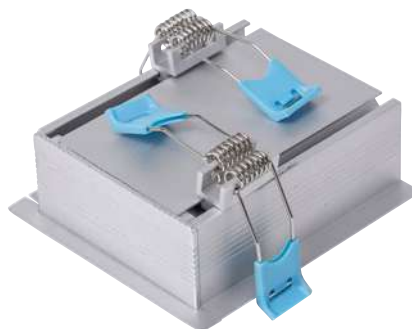
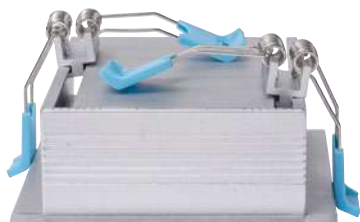
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Winged LED Profile

- Large deep square winged profile
- UV Stabilised PC diffuser
- Suitable for recessed installation

Spring clips sold seperately



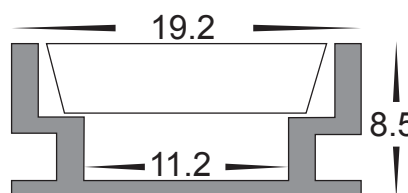
PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9695-9835	100mm x 35mm Large deep square winged profile with UV Stabilised PC diffuser	IP20	3 metres
HV9695-9835-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



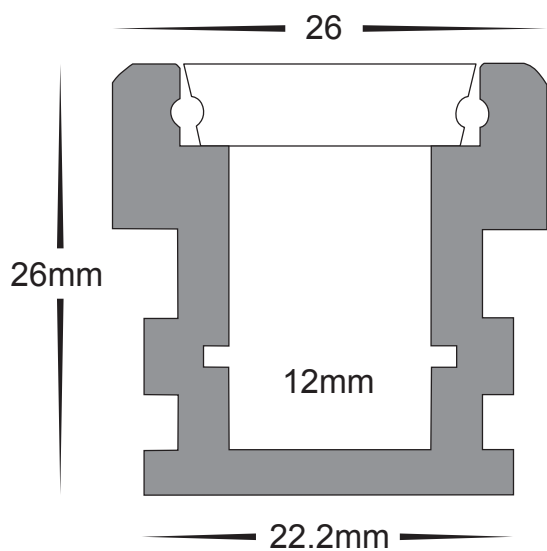
Foot Trafficable LED Profile

- UV Stabilised PC diffuser
- Foot trafficable
- Adequate drainage must be allowed



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9698-1908	19mm x 9mm Profile with UV Stabilised PC diffuser	IP20	3 metres
HV9698-1908-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



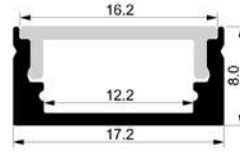
Foot Trafficable LED Profile

- UV Stabilised PC diffuser
- Foot trafficable
- Adequate drainage must be allowed



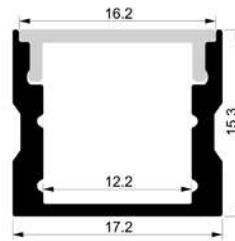
PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9698-2626	26mm x 26mm Profile with UV Stabilised PC diffuser	IP20	3 metres
HV9698-2626-3M	3m Length includes aluminium, diffuser + 6x end caps	IP20	3 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



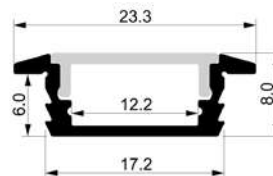
- Aluminium profile for LED strip
- Shallow square profile
- UV Stabilised PC diffuser
- Supplied 2m lengths with 4 x end caps & 4 x mounting clips.

PART NUMBER	DESCRIPTION	IP RATING	LENGTH
HV9699-1708-2M	17 x 8mm shallow square profile with UV Stabilised PC diffuser - 2 metre length	IP20	2 metres



- Aluminium profile for LED strip
- Deep square profile
- UV Stabilised PC diffuser
- Supplied 2m lengths with 4 x end caps & 4 x mounting clips.

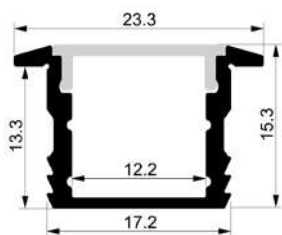
PART NUMBER	DESCRIPTION	IP RATING	LENGTH
HV9699-1715-2M	17mm x 15mm deep square profile with UV Stabilised PC diffuser - 2 metre length	IP20	2 metres



- Aluminium profile for LED strip
- Shallow winged square profile
- UV Stabilised PC diffuser
- Suitable for recessed installation
- Supplied 2m lengths with 4 x end caps & 4 x mounting clips.

PART NUMBER	DESCRIPTION	IP RATING	LENGTH
HV9699-2308-2M	23mm x 8mm shallow winged profile with UV Stabilised PC diffuser - 2 metre length	IP20	2 metres

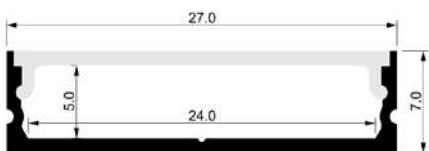
All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



- Aluminium profile for LED strip
- Deep winged square profile
- UV Stabilised PC diffuser
- Suitable for recessed installation
- Supplied 2m lengths with 4 x end caps & 4 x mounting clips.



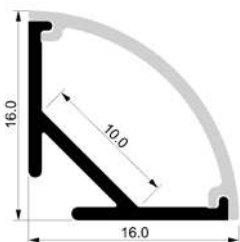
PART NUMBER	DESCRIPTION	IP RATING	LENGTH
HV9699-2315-2M	23mm x 15mm deep winged profile with UV Stabilised PC diffuser - 2 metre length	IP20	2 metres



- Aluminium profile for LED strip
- Shallow double square profile
- UV Stabilised PC diffuser
- Supplied 2m lengths with 4 x end caps & 4 x mounting clips.



PART NUMBER	DESCRIPTION	IP RATING	LENGTH
HV9699-2707-2M	27mm x 7mm shallow square profile with UV Stabilised PC diffuser - 2 metre length	IP20	2 metres



- Aluminium profile for LED strip
- 90 degree corner profile
- UV Stabilised PC diffuser
- Supplied 2m lengths with 4 x end caps & 4 x mounting clips.



PART NUMBER	DESCRIPTION	IP RATING	LENGTH
HV9699-1616-2M	16mm x 16mm corner profile with UV Stabilised PC diffuser - 2 metre length	IP20	2 metres

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



HV9705-9953



HV9705-9952

LED Profile Suspension Kit

- Suspension kit to suit aluminium profile

PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9705-9952	2metre suspension kit to suit HV9693-6080 aluminium profile	IP20	2 metre
HV9705-9953	2metre suspension kit to suit aluminium profile	IP20	2 metre
HV9705-9954	Suspension cable to suit HV9705-9952 & HV9705-9953	IP20	2 metre
HV9705-9955	2 core low voltage suspension cable to suit HV9705-9956	IP20	2 metre
HV9705-9956	Suspension kit to suit HV9705-9955	IP20	2 metre

10mm Aluminum Heat Sink

- Heat dissipating surface to suit Havit LED strip



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9705-1003	10mm x 3mm Aluminum Heat Sink	IP20	3 metres

16mm Aluminum Heat Sink

- Heat dissipating surface to suit Havit LED strip



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9705-1603	16mm x 3mm Aluminum Heat Sink	IP20	3 metres

20mm Aluminum Heat Sink

- Heat dissipating surface to suit Havit LED strip



PART NUMBER	DESCRIPTION	IP RATING	MAX LENGTH
HV9705-2003	20mm x 3mm Aluminum Heat Sink	IP20	3 metres



LED Strip By Havit



LED Profile Strip Compatibility Chart

			HV9690-2119	HV9690-2618	HV9691-1010	HV9691-1616	HV9691-3030	HV9692-1930	HV9693-0507	HV9693-0915	HV9693-1007	HV9693-1506	HV9693-1612	HV9693-1806	HV9693-1707	HV9693-1808	HV9693-1812	HV9693-1815	HV9693-1922	HV9693-2114	HV9693-2310	HV9693-2320	HV9693-3537	HV9693-3890	HV9693-4511	HV9693-4975
HV9722-IP20-64-3K HV9722-IP20-64-4K HV9722-IP20-64-5K	HV9722-IP20-128-3K HV9722-IP20-128-4K HV9722-IP20-128-5K	HV9723-IP20-60-3K HV9723-IP20-60-4K HV9723-IP20-60-5K	✓	✓	✗	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HV9723-IP20-60-R HV9723-IP20-60-G HV9723-IP20-60-B	HV9723-IP20-120-3K HV9723-IP20-120-4K HV9723-IP20-120-5K	HV9723-IP20-240-3K-1 HV9723-IP20-240-4K-1 HV9723-IP20-240-5K-1	✓	✓	✗	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HV9723-IP20-240-3K-2	HV9723-IP20-240-4K-2	HV9723-IP20-240-5K-2	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓
HV9731-IP20-180-3K HV9733-IP20-180-3K	HV9731-IP20-180-4K HV9733-IP20-180-4K	HV9731-IP20-180-5K HV9733-IP20-180-5K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HV9782-IP20-64-3K HV9782-IP20-64-4K HV9782-IP20-64-5K	HV9783-IP20-60-3K HV9783-IP20-60-4K HV9783-IP20-60-5K	HV9783-IP20-120-3K HV9783-IP20-120-4K HV9783-IP20-120-5K	✓	✓	✗	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HV9783-IP20-168-3K	HV9783-IP20-168-4K	HV9783-IP20-168-5K	✗	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓
HV9783-IP20-252-3K	HV9783-IP20-252-4K	HV9783-IP20-252-5K	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓
HV9783-IP20-120-CT			✓	✓	✗	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HV9723-IP54-60-3K HV9723-IP54-60-B	HV9723-IP54-60-4K	HV9723-IP54-60-5K	✓	✓	✗	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HV9723-IP54-120-3K HV9723-IP54-240-3K-1	HV9723-IP54-120-4K HV9723-IP54-240-4K-1	HV9723-IP54-120-5K HV9723-IP54-240-5K-1	✓	✓	✗	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HV9783-IP54-60-3K	HV9783-IP54-60-4K	HV9783-IP54-60-5K	✓	✓	✗	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HV9723-IP67-120-3K HV9723-IP67-240-3K-1 HV9723-IP67-60-B	HV9723-IP67-120-4K HV9723-IP67-240-4K-1	HV9723-IP67-120-5K HV9723-IP67-240-5K-1	✗	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓
HV9783-IP67-60-3K	HV9783-IP67-60-4K	HV9783-IP67-60-5K	✗	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓
HV9750-IP54-60-CHRGB			✓	✓	✗	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HV9750-IP20-30-RGB	HV9750-IP54-30-RGB		✓	✓	✗	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HV9750-IP67-30-RGB			✓	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓
HV9751-IP20-60-RGBC HV9751-IP20-60-RGBW	HV9751-IP54-60-RGBC HV9751-IP54-60-RGBW		✓	✓	✗	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HV9751-IP67-60-RGBC	HV9751-IP67-60-RGBW		✗	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓
HV9723-IP20-96SM-3K HV9723-IP20-96SM-R	HV9723-IP20-96SM-4K HV9723-IP20-96SM-G	HV9723-IP20-96SM-5K HV9723-IP20-96SM-B	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
HV9791-IP67-140-3K	HV9791-IP67-140-4K	HV9791-IP67-140-5K	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
HV9792-IP67-140-3K HV9792-IP67-336-RGB	HV9792-IP67-140-4K	HV9792-IP67-140-5K	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
HV9793-IP67-90-3K	HV9793-IP67-90-5K		✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

LED Profile Strip Compatibility Chart

	HV9693-6070	HV9693-6080	HV9693-8035	HV9693-8090	HV9694-0625	HV9694-1145	HV9694-1170	HV9695-0907	HV9695-2507	HV9695-2515	HV9695-2520	HV9695-2810	HV9695-4435	HV9695-4540	HV9695-9835	HV9698-1908	HV9698-2626	HV9699-1708-2M	HV9699-1715-2M	HV9699-2308-2M	9699-2315-2M	HV9699-2707-2M	HV9699-1616-2M	HV9793-ALU			
	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	HV9722-IP20-64-3K HV9722-IP20-64-4K HV9722-IP20-64-5K	HV9722-IP20-128-3K HV9722-IP20-128-4K HV9722-IP20-128-5K	HV9723-IP20-60-3K HV9723-IP20-60-4K HV9723-IP20-60-5K
	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	HV9723-IP20-60-R HV9723-IP20-60-G HV9723-IP20-60-B	HV9723-IP20-120-3K HV9723-IP20-120-4K HV9723-IP20-120-5K	HV9723-IP20-240-3K-1 HV9723-IP20-240-4K-1 HV9723-IP20-240-5K-1
	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✓	✗	HV9723-IP20-240-3K-2	HV9723-IP20-240-4K-2	HV9723-IP20-240-5K-2
	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	HV9731-IP20-180-3K HV9733-IP20-180-3K	HV9731-IP20-180-4K HV9733-IP20-180-4K	HV9731-IP20-180-5K HV9733-IP20-180-5K
	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	HV9782-IP20-64-3K HV9782-IP20-64-4K HV9782-IP20-64-5K	HV9783-IP20-60-3K HV9783-IP20-60-4K HV9783-IP20-60-5K	HV9783-IP20-120-3K HV9783-IP20-120-4K HV9783-IP20-120-5K
	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✓	✗	HV9783-IP20-168-3K	HV9783-IP20-168-4K	HV9783-IP20-168-5K
	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	HV9783-IP20-252-3K	HV9783-IP20-252-4K	HV9783-IP20-252-5K
	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	HV9783-IP20-120-CT		
	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	HV9723-IP54-60-3K HV9723-IP54-60-B	HV9723-IP54-60-4K	HV9723-IP54-60-5K
	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	HV9723-IP54-120-3K HV9723-IP54-240-3K-1	HV9723-IP54-120-4K HV9723-IP54-240-4K-1	HV9723-IP54-120-5K HV9723-IP54-240-5K-1
	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	HV9783-IP54-60-3K	HV9783-IP54-60-4K	HV9783-IP54-60-5K
	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	HV9723-IP67-120-3K HV9723-IP67-240-3K-1 HV9723-IP67-60-B	HV9723-IP67-120-4K HV9723-IP67-240-4K-1	HV9723-IP67-120-5K HV9723-IP67-240-5K-1
	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	HV9783-IP67-60-3K	HV9783-IP67-60-4K	HV9783-IP67-60-5K
	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	HV9750-IP54-60-CHRGB		
	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	HV9750-IP20-30-RGB	HV9750-IP54-30-RGB	
	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	HV9750-IP67-30-RGB		
	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	HV9751-IP20-60-RGBC HV9751-IP20-60-RGBW	HV9751-IP54-60-RGBC HV9751-IP54-60-RGBW	
	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	HV9751-IP67-60-RGBC	HV9751-IP67-60-RGBW	
	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	HV9723-IP20-96SM-3K HV9723-IP20-96SM-R	HV9723-IP20-96SM-4K HV9723-IP20-96SM-G	HV9723-IP20-96SM-5K HV9723-IP20-96SM-B
	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	HV9791-IP67-140-3K	HV9791-IP67-140-4K	HV9791-IP67-140-5K
	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	HV9792-IP67-140-3K HV9792-IP67-336-RGB	HV9792-IP67-140-4K	HV9792-IP67-140-5K
	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	HV9793-IP67-90-3K	HV9793-IP67-90-5K	

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Long Run LED Strip Lighting

- LED flexible strip light
- Designed for long runs up to 10 metres
- Up to 130lm per watt
- CRI: ≥ 90
- Dimmable
- Peel and stick backing for initial placement
- Beam angle 120 degrees

All LED strip must be installed using anti-static measures and on an aluminium heat dissipating surface for warranty purposes (HV9705-1003, HV9705-1603 or HV9705-2003)

All IP67 LED Strip measurements do not include the end caps, please refer to Profile and LED Strip compatibility chart for correct models.

When choosing LED Strip to suit profile, remember to consider the cutting increments of the strip.



Custom cut orders available.

All custom cut orders require minimum of 48hrs production time from order confirmation, plus delivery time.

See Pages 311-312
For Havit LED Profile
Compatibility Chart



Long Run LED Strip Lighting



3000K - CRI: ≥ 90 - IP20 INDOOR

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9722-IP20-64-3K	2835	IP20	64	520lm	24v DC	4.8w/m	10m	100mm	8x2mm
	HV9722-IP20-128-3K	2835	IP20	128	1040lm	24v DC	9.6w/m	10m	50mm	8x2mm
	HV9782-IP20-64-3K	2835	IP20	64	1580lm	24v DC	14.4w/m	10m	100mm	10x2mm

4000K - CRI: ≥ 90 - IP20 INDOOR

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9722-IP20-64-4K	2835	IP20	60	570lm	24v DC	4.8w/m	10m	100mm	8x2mm
	HV9722-IP20-128-4K	2835	IP20	120	1140lm	24v DC	9.6w/m	10m	50mm	8x2mm
	HV9782-IP20-64-4K	2835	IP20	60	1720lm	24v DC	14.4w/m	10m	100mm	10x2mm

5500K - CRI: ≥ 90 - IP20 INDOOR

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9722-IP20-64-5K	2835	IP20	60	620lm	24v DC	4.8w/m	10m	100mm	8x2mm
	HV9722-IP20-128-5K	2835	IP20	120	1240lm	24v DC	9.6w/m	10m	50mm	8x2mm
	HV9782-IP20-64-5K	2835	IP20	60	1870lm	24v DC	14.4w/m	10m	100mm	10x2mm

All LED strip must be installed on an aluminium heat dissipating surface



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



3000K LED Strip Lighting



IP67 WEATHERPROOF

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP67-60-3K	3528	IP67	60	390lm	12v DC	4.8w/m	5m	50mm	14x6mm
	HV9723-IP67-120-3K	3528	IP67	120	780lm	12v DC	9.6w/m	5m	25mm	14x6mm
	HV9723-IP67-240-3K-1	3528	IP67	240	1560lm	24v DC	19.2w/m	5m	25mm	14x6mm
	HV9783-IP67-60-3K	2835	IP67	60	1200lm	12v DC	14.4w/m	5m	50mm	16x6mm



IP20 SIDE MOUNTED

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP20-96SM-3K	335	IP20	96	500lm	12v DC	7.7w/m	5m	33mm	6x2mm

All LED strip must be installed on an aluminium heat dissipating surface



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

3000K LED Strip Lighting

See Pages 311-312
For Havit LED Profile
Compatibility Chart

- LED flexible strip light
- Dimmable
- Peel and stick backing for initial placement
- Beam angle 120 degrees
- All LED strip must be installed using anti-static measures and on an aluminium heat dissipating surface for warranty purposes (HV9705-1003, HV9705-1603 or HV9705-2003)



IP20 INDOOR

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP20-60-3K	3528	IP20	60	390lm	12v DC	4.8w/m	5m	50mm	8x2mm
	HV9723-IP20-120-3K	3528	IP20	120	780lm	12v DC	9.6w/m	5m	25mm	8x2mm
	HV9723-IP20-240-3K-1	3528	IP20	240	1560lm	24v DC	19.2w/m	5m	25mm	10x2mm
	HV9723-IP20-240-3K-2	3528	IP20	240	1560lm	24v DC	19.2w/m	5m	50mm	16x2mm
	HV9731-IP20-180-3K	2216	IP20	180	390lm	24v DC	4.8w/m	5m	33mm	4x2mm
	HV9733-IP20-180-3K	2216	IP20	180	780lm	24v DC	9.6w/m	5m	33mm	4x2mm
	HV9783-IP20-60-3K	2835	IP20	60	1200lm	12v DC	14.4w/m	5m	50mm	10x2mm
	HV9783-IP20-120-3K	2835	IP20	120	1920lm	12v DC	24w/m	5m	25mm	10x2mm
	HV9783-IP20-168-3K	2835	IP20	168	3260lm	24v DC	32.6w/m	5m	83mm	19x2mm
	HV9783-IP20-252-3K	2835	IP20	252	4140lm	24v DC	46w/m	3m	83mm	39x2mm



IP54 WATER RESISTANT

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP54-60-3K	3528	IP54	60	390lm	12v DC	4.8w/m	5m	50mm	8x3mm
	HV9723-IP54-120-3K	3528	IP54	120	780lm	12v DC	9.6w/m	5m	25mm	8x3mm
	HV9723-IP54-240-3K-1	3528	IP54	240	1560lm	24v DC	19.2w/m	5m	25mm	10x3mm
	HV9783-IP54-60-3K	2835	IP54	60	1200lm	12v DC	14.4w/m	5m	50mm	10x3mm

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Image for illustration purposes only.

4000K LED Strip Lighting

IP67 WEATHERPROOF



IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP67-60-4K	3528	IP67	60	410lm	12v DC	4.8w/m	5m	50mm	14x6mm
	HV9723-IP67-120-4K	3528	IP67	120	820lm	12v DC	9.6w/m	5m	25mm	14x6mm
	HV9723-IP67-240-4K-1	3528	IP67	240	1640lm	24v DC	19.2w/m	5m	25mm	14x6mm
	HV9783-IP67-60-4K	2835	IP67	60	1260lm	12v DC	14.4w/m	5m	50mm	16x6mm

IP20 SIDE MOUNTED



IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP20-96SM-4K	335	IP20	96	520lm	12v DC	7.7w/m	5m	33mm	6x2mm

All LED strip must be installed on an aluminium heat dissipating surface



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

4000K LED Strip Lighting

- LED flexible strip light
- Dimmable
- Peel and stick backing for initial placement
- Beam angle 120 degrees
- All LED strip must be installed using anti-static measures and on an aluminium heat dissipating surface for warranty purposes (HV9705-1003, HV9705-1603 or HV9705-2003)

See Pages 311-312
For Havit LED Profile
Compatibility Chart



IP20 INDOOR

IMAGE	PART NUMBER	CHIP TYPE	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP20-60-4K	3528	IP20	60	410lm	12v DC	4.8w/m	5m	50mm	8x2mm
	HV9723-IP20-120-4K	3528	IP20	120	820lm	12v DC	9.6w/m	5m	25mm	8x2mm
	HV9723-IP20-240-4K-1	3528	IP20	240	1640lm	24v DC	19.2w/m	5m	25mm	10x2mm
	HV9723-IP20-240-4K-2	3528	IP20	240	1640lm	24v DC	19.2w/m	5m	50mm	16x2mm
	HV9731-IP20-180-4K	2216	IP20	180	410lm	24v DC	4.8w/m	5m	33mm	4x2mm
	HV9733-IP20-180-4K	2216	IP20	180	820lm	24v DC	9.6w/m	5m	33mm	4x2mm
	HV9783-IP20-60-4K	2835	IP20	60	1260lm	12v DC	14.4w/m	5m	50mm	10x2mm
	HV9783-IP20-120-4K	2835	IP20	120	2040lm	12v DC	24w/m	5m	25mm	10x2mm
	HV9783-IP20-168-4K	2835	IP20	168	3750lm	24v DC	32.6w/m	5m	83mm	19x2mm
	HV9783-IP20-252-4K	2835	IP20	252	4370lm	24v DC	46w/m	3m	83mm	39x2mm



IP54 WATER RESISTANT

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP54-60-4K	3528	IP54	60	410lm	12v DC	4.8w/m	5m	50mm	8x3mm
	HV9723-IP54-120-4K	3528	IP54	120	820lm	12v DC	9.6w/m	5m	25mm	8x3mm
	HV9723-IP54-240-4K-1	3528	IP54	240	1640lm	24v DC	19.2w/m	5m	25mm	10x3mm
	HV9783-IP54-60-4K	2835	IP54	60	1260lm	12v DC	14.4w/m	5m	50mm	10x3mm

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Image for illustration purposes only.

5500K LED Strip Lighting

IP67 WEATHERPROOF



IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP67-60-5K	3528	IP67	60	430lm	12v DC	4.8w/m	5m	50mm	14x6mm
	HV9723-IP67-120-5K	3528	IP67	120	860lm	12v DC	9.6w/m	5m	25mm	14x6mm
	HV9723-IP67-240-5K-1	3528	IP67	240	1720lm	24v DC	19.2w/m	5m	25mm	14x6mm
	HV9783-IP67-60-5K	2835	IP67	60	1320lm	12v DC	14.4w/m	5m	50mm	16x6mm

IP20 SIDE MOUNTED



IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP20-96SM-5K	335	IP20	96	540lm	12v DC	7.7w/m	5m	33mm	6x2mm

All LED strip must be installed on an aluminium heat dissipating surface



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

5500K LED Strip Lighting

See Pages 311-312
For Havit LED Profile
Compatibility Chart

- LED flexible strip light
- Dimmable
- Peel and stick backing for initial placement
- Beam angle 120 degrees
- All LED strip must be installed using anti-static measures and on an aluminium heat dissipating surface for warranty purposes (HV9705-1003, HV9705-1603 or HV9705-2003)



IP20 INDOOR

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP20-60-5K	3528	IP20	60	430lm	12v DC	4.8w/m	5m	50mm	8x2mm
	HV9723-IP20-120-5K	3528	IP20	120	860lm	12v DC	9.6w/m	5m	25mm	8x2mm
	HV9723-IP20-240-5K-1	3528	IP20	240	1720lm	24v DC	19.2w/m	5m	25mm	10x2mm
	HV9723-IP20-240-5K-2	3528	IP20	240	1720lm	24v DC	19.2w/m	5m	50mm	16x2mm
	HV9731-IP20-180-5K	2216	IP20	180	430lm	24v DC	4.8w/m	5m	33mm	4x2mm
	HV9733-IP20-180-5K	2216	IP20	180	860lm	24v DC	9.6w/m	5m	33mm	4x2mm
	HV9783-IP20-60-5K	2835	IP20	60	1320lm	12v DC	14.4w/m	5m	50mm	10x2mm
	HV9783-IP20-120-5K	2835	IP20	120	2200lm	12v DC	24w/m	5m	25mm	10x2mm
	HV9783-IP20-168-5K	2835	IP20	168	4075lm	24v DC	32.6w/m	5m	83mm	19x2mm
	HV9783-IP20-252-5K	2835	IP20	252	4600lm	24v DC	46w/m	3m	83mm	39x2mm



IP54 WATER RESISTANT

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP54-60-5K	3528	IP54	60	430lm	12v DC	4.8w/m	5m	50mm	8x3mm
	HV9723-IP54-120-5K	3528	IP54	120	860lm	12v DC	9.6w/m	5m	25mm	8x3mm
	HV9723-IP54-240-5K-1	3528	IP54	240	1720lm	24v DC	19.2w/m	5m	25mm	10x3mm
	HV9783-IP54-60-5K	2835	IP54	60	1320lm	12v DC	14.4w/m	5m	50mm	10x3mm

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

50 Metre Rolls

- LED flexible strip light 50m roll
- Dimmable
- Peel and stick backing for initial placement
- Beam angle 120 degrees
- All LED strip must be installed using anti-static measures and on an aluminium heat dissipating surface for warranty purposes (HV9705-1003, HV9705-1603 or HV9705-2003)
- Supplied with 25x easy connect tails



3000K

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP20-60-3K-50M	3528	IP20	60	390lm	12v DC	4.8w/m	5m	50mm	8x2mm
	HV9723-IP20-120-3K-50M	3528	IP20	120	780lm	12v DC	9.6w/m	5m	25mm	8x2mm

WARRANTY VOID IF MAXIMUM CUT LENGTH EXCEEDS 5 METRES

4000K

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP20-60-4K-50M	3528	IP20	60	410lm	12v DC	4.8w/m	5m	50mm	8x2mm
	HV9723-IP20-120-4K-50M	3528	IP20	120	820lm	12v DC	9.6w/m	5m	25mm	8x2mm

WARRANTY VOID IF MAXIMUM CUT LENGTH EXCEEDS 5 METRES

5500K

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP20-60-5K-50M	3528	IP20	60	430lm	12v DC	4.8w/m	5m	50mm	8x2mm
	HV9723-IP20-120-5K-50M	3528	IP20	120	860lm	12v DC	9.6w/m	5m	25mm	8x2mm

WARRANTY VOID IF MAXIMUM CUT LENGTH EXCEEDS 5 METRES

All LED strip must be installed on an aluminium heat dissipating surface



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



NEOLITE Flexible LED Strip

- Flexible LED strip light
- Dimmable
- Beam angle 120 degrees
- Supplied with 4x mounting clips per metre

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WxH
	HV9793-IP67-90-3K	2835	IP67	90	600lm	12v DC	7.2w/m	5m	33mm	8x20mm
	HV9793-IP67-90-5K	2835	IP67	90	600lm	12v DC	7.2w/m	5m	33mm	8x20mm
OPTIONAL ACCESSORIES										
	HV9793-MC	Mounting clip to suit NEOLITE Flexible LED Strip								
	HV9793-ALU	Optional Aluminium Channel to suit HV9793 - Supplied in 1m length only								

Custom cut orders available.

All custom cut orders require minimum of 48hrs production time from order confirmation, plus delivery time.

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Image for illustration purposes only.

NEOLITE Flexible LED Strip

IP67 WEATHERPROOF



IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WxH
	HV9791-IP67-140-3K	2835	IP67	140	400lm	24v DC	9.6w/m	5m	50mm	4x8mm
	HV9791-IP67-140-4K	2835	IP67	140	405lm	24v DC	9.6w/m	5m	50mm	4x8mm
	HV9791-IP67-140-5K	2835	IP67	140	410lm	24v DC	9.6w/m	5m	50mm	4x8mm

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Image for illustration purposes only.

NEOLITE Flexible LED Strip

IP67 WEATHERPROOF



IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9792-IP67-140-3K	2835	IP67	140	600lm	24v DC	14.4w/m	5m	50mm	6x11mm
	HV9792-IP67-140-4K	2835	IP67	140	630lm	24v DC	14.4w/m	5m	50mm	6x11mm
	HV9792-IP67-140-5K	2835	IP67	140	660lm	24v DC	14.4w/m	5m	50mm	6x11mm



RGB NEOLITE Flexible LED Strip

IP67 WEATHERPROOF



IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9792-IP67-336-RGB	2216	IP67	336	600lm	24v DC	14.4w/m	5m	50mm	6x11mm

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Coloured LED Strip Lighting

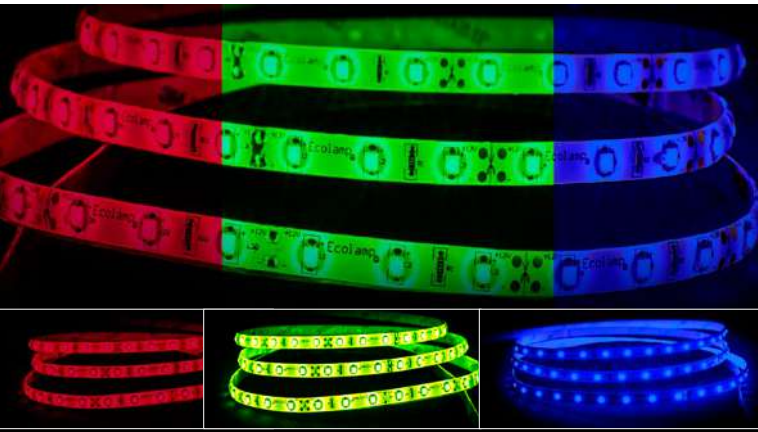


Image for illustration purposes only.

- LED flexible strip light
- Red, Green and Blue
- Dimmable using Havit LED controllers
- Peel and stick backing for initial placement
- Beam angle 120 degrees
- All LED strip must be installed using anti-static measures and on an aluminium heat dissipating surface for warranty purposes (HV9705-1003 or HV9705-1603)

IMAGE	PART NUMBER	SMD	IP RATING	COLOUR		VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP20-60-R	3528	IP20	Red	620nm	12v DC	4.8w/m	5m	50mm	8x2mm
	HV9723-IP20-60-G	3528	IP20	Green	465nm	12v DC	4.8w/m	5m	50mm	8x2mm
	HV9723-IP20-60-B	3528	IP20	Blue	520nm	12v DC	4.8w/m	5m	50mm	8x2mm
	HV9723-IP54-60-B	3528	IP54	Blue	520nm	12v DC	4.8w/m	5m	50mm	8x3mm
	HV9723-IP67-60-B	3528	IP67	Blue	520nm	12v DC	4.8w/m	5m	50mm	14x6mm

Side Mounted LED Strip Lighting

IMAGE	PART NUMBER	SMD	IP RATING	COLOUR		VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9723-IP20-96SM-R	335	IP20	Red	620nm	12v DC	7.7w/m	5m	33mm	6x2mm
	HV9727-IP20-96SM-G	335	IP20	Green	465nm	12v DC	7.7w/m	5m	33mm	6x2mm
	HV9723-IP20-96SM-B	335	IP20	Blue	520nm	12v DC	7.7w/m	5m	33mm	6x2mm

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

CT LED Strip Lighting

- LED flexible strip light
- 3000k + 5500K together on one strip
- Must be used with CT Controllers
- Peel and stick backing for initial placement
- Beam angle 120 degrees
- All LED strip must be installed using anti-static measures and on an aluminium heat dissipating surface for warranty purposes (HV9705-1003 or HV9705-1603)



Image for illustration purposes only.

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9783-IP20-120-CT	2835	IP20	120	1560lm	12v DC	14.4w/m	5m	50mm	10x2mm

Signage Modules

Image for illustration purposes only.



IMAGE	PART NUMBER	SMD	IP RATING	COLOUR TEMP	VOLTAGE	WATTAGE PER MODULE	MAX LENGTH	NO. OF MODULES	SIZE LXWXH MM
	HV9794-IP65-10-3K	5050	IP65	3000K	12v DC	0.72w	20 Modules	10	84x16x6
	HV9794-IP65-10-5K	5050	IP65	5000K	12v DC	0.72w	20 Modules	10	84x16x6
	HV9794-IP65-10-RGB	5050	IP65	RGB	12v DC	0.72w	20 Modules	10	84x16x6
	HV9794-IP65-20-3K	5050	IP65	3000K	12v DC	0.72w	20 Modules	20	84x16x6
	HV9794-IP65-20-5K	5050	IP65	5000K	12v DC	0.72w	20 Modules	20	84x16x6
	HV9794-IP65-20-RGB	5050	IP65	RGB	12v DC	0.72w	20 Modules	20	84x16x6

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



VIPER Strip Kits

- Viper LED flexible strip light kits
- Dimmable using Havit LED controllers
- Peel and stick backing for initial placement
- Beam angle 120 degrees
- All LED strip must be installed using anti-static measures and on an aluminium heat dissipating surface for warranty purposes (HV9705-1003 or HV9705-1603)





Image for illustration purposes only.





All LED strip must be installed on an aluminium heat dissipating surface

All low voltage products that specify a tripple of 32 or 2400G must be used with a suitable LED driver refer to page 2267-2281 Lumen output and wattage at 1.4V is supplied with high fitting aluminium heat dissipating surface 2400G must be used with a suitable LED driver refer to page 2267-2281



4.8w 3000K LED Strip Lighting Kits

IMAGE	LENGTH	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	POWER	TOTAL WATTAGE
	2 mtr	VPR9733IP54-60-2M	3528	IP54	60	390lm	12v DC	4.8w/m	9.6w
	5 mtr	VPR9733IP54-60-5M	3528	IP54	60	390lm	12v DC	4.8w/m	24w



14.4w 3000K LED Strip Lighting Kits

IMAGE	LENGTH	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	POWER	TOTAL WATTAGE
	2 mtr	VPR9783IP54-60-2M	2835	IP54	60	1200lm	12v DC	14.4w/m	28.8w
	5 mtr	VPR9783IP54-60-5M	2835	IP54	60	1200lm	12v DC	14.4w/m	72w



4.8w 4000K LED Strip Lighting Kits

IMAGE	LENGTH	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	POWER	TOTAL WATTAGE
	2 mtr	VPR9735IP54-60-2M	3528	IP54	60	410lm	12v DC	4.8w/m	9.6w
	5 mtr	VPR9735IP54-60-5M	3528	IP54	60	410lm	12v DC	4.8w/m	24w

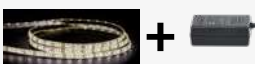

14.4w 4000K LED Strip Lighting Kits

IMAGE	LENGTH	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	POWER	TOTAL WATTAGE
	2 mtr	VPR9785IP54-60-2M	2835	IP54	60	1260lm	12v DC	14.4w/m	28.8w
	5 mtr	VPR9785IP54-60-5M	2835	IP54	60	1260lm	12v DC	14.4w/m	72w

4.8w 5500K LED Strip Lighting Kits

IMAGE	LENGTH	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	POWER	TOTAL WATTAGE
	2 mtr	VPR9734IP54-60-2M	3528	IP54	60	430lm	12v DC	4.8w/m	9.6w
	5 mtr	VPR9734IP54-60-5M	3528	IP54	60	430lm	12v DC	4.8w/m	24w

14.4w 5500K LED Strip Lighting Kits

IMAGE	LENGTH	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	POWER	DIMMABLE
	2 mtr	VPR9784IP54-60-2M	2835	IP54	60	1320lm	12v DC	14.4w/m	28.8w
	5 mtr	VPR9784IP54-60-5M	2835	IP54	60	1320lm	12v DC	14.4w/m	72w

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 2243-2248)
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to pages 3301 - 305)

Multi Colour RGB LED Strip Lighting



Image for illustration purposes only.

- LED flexible strip light
- Colours selected using Havit LED controllers
- Peel and stick backing for initial placement
- Beam angle 120 degrees
- All LED strip must be installed using anti-static measures and on an aluminium heat dissipating surface for warranty purposes (HV9705-1003 or HV9705-1603)



See Pages 311-312
For Havit LED Profile
Compatibility Chart

RGB Strip

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9750-IP20-30-RGB	5050	IP20	30	585lm	12v DC	7.2w/m	5m	100mm	10x2mm
	HV9750-IP54-30-RGB	5050	IP54	30	585lm	12v DC	7.2w/m	5m	100mm	10x3mm
	HV9750-IP67-30-RGB	5050	IP67	30	585lm	12v DC	7.2w/m	5m	100mm	12x6mm

Chasing Multicolour LED Strip Lighting

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9750-IP54-60-CHRGB	5050	IP54	60	585lm	12v DC	8w/m	5m	50mm	10x2mm

IMAGE	PART NUMBER	DESCRIPTION	POWER
	HV9102-SPI-16+M16-3A	<ul style="list-style-type: none"> • For use with Havit chasing RGB strip. • 3v Battery (CR2032) • Output signal: 2.4ghz • Transmitting range: 30m approx • Input Voltage: 12v DC or 24v DC 	<p>12v DC 108w 24v DC 216w</p>

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

Multi Colour RGBW & RGBC LED Strip Lighting



- LED flexible strip light
- Colours selected using Havit LED controllers
- Peel and stick backing for initial placement
- Beam angle 120 degrees
- All LED strip must be installed using anti-static measures and on an aluminium heat dissipating surface for warranty purposes (HV9705-1003 or HV9705-1603)



Image for illustration purposes only.

IP20 INDOOR

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9751-IP20-60-RGBC	5050	IP20	60	600lm	12v DC	14.4w/m	5m	50mm	12x2mm
	HV9751-IP20-60-RGBW	5050	IP20	60	550lm	12v DC	14.4w/m	5m	50mm	12x2mm

IP54 WATER RESISTANT

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9751-IP54-60-RGBC	5050	IP54	60	600lm	12v DC	14.4w/m	5m	50mm	12x3mm
	HV9751-IP54-60-RGBW	5050	IP54	60	550lm	12v DC	14.4w/m	5m	50mm	12x3mm

IP67 WEATHERPROOF

IMAGE	PART NUMBER	SMD	IP RATING	LED PER METRE	LUMENS PER METRE	VOLTAGE	WATTAGE PER METRE	MAX LENGTH	CUTTING INCREMENT	SIZE WXH
	HV9751-IP67-60-RGBC	5050	IP67	60	600lm	12v DC	14.4w/m	5m	50mm	14x6mm
	HV9751-IP67-60-RGBW	5050	IP67	60	550lm	12v DC	14.4w/m	5m	50mm	14x6mm

See Pages 311-312
For Havit LED Profile
Compatibility Chart

All LED strip must be installed on an aluminium heat dissipating surface



All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

RGB LED Globe & Remote Control

- 5w RGB LED
- Supplied with multi function IR remote
- 16 colours in one
- 21 colour change mode
- 30° Beam angle

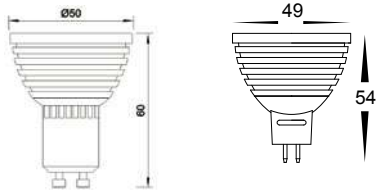


IMAGE	PART NUMBER	COLOUR TEMP	OUTPUT	POWER
	HV95021-12V	Multi Colour	NA	RGB, 5w LED 12v DC MR16
	HV95021-240V	Multi Colour	NA	RGB, 5w LED 240v GU10

2w G9 LED Globes

- Direct replacement for halogen G9
- 180° beam angle

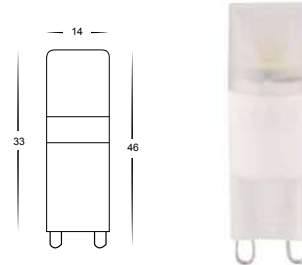


IMAGE	PART NUMBER	COLOUR TEMP	OUTPUT	POWER
	HV9511C	6000k	130lm	2w LED 240v G9
	HV9511W	3000k	120lm	2w LED 240v G9

2w MR11 LED Globes

- Energy saving 2w LED globe
- 120° beam angle

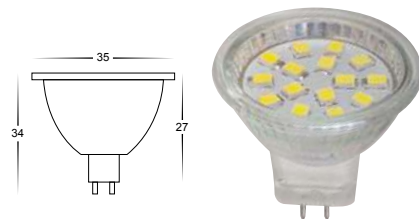
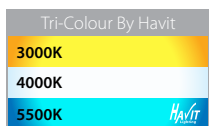


IMAGE	PART NUMBER	COLOUR TEMP	OUTPUT	POWER
	HV9311	6000k	180lm	2w LED 12v DC MR11
	HV9411	3000k	160lm	2w LED 12v DC MR11

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334



Tri-Colour 9in1 LED Globe

- 3w, 5w & 7w option all in one globe
- Tri-Colour + 3 Power settings 9in1
- Ability to select 3000k, 4000k and 5500K
- 60° Beam angle

NEW 9in1 Tri-Colour Globes

3 Power Settings
3W - 5W - 7W

Available in
240V
12V DC
24V DC

3 Colour Temperatures
3000K-4000K-5500K

IMAGE	PART NUMBER	POWER	COLOUR TEMP	LUMENS	INPUT
	HV9506	3W	3000K 4000K 5500K	240lm 255lm 270lm	240v
		5W	3000K 4000K 5500K	400lm 425lm 450lm	240v
		7W	3000K 4000K 5500K	560lm 595lm 630lm	240v
IMAGE	PART NUMBER	POWER	COLOUR TEMP	LUMENS	INPUT
	HV9507	3W	3000K 4000K 5500K	240lm 255lm 270lm	12v DC
		5W	3000K 4000K 5500K	400lm 425lm 450lm	12v DC
		7W	3000K 4000K 5500K	560lm 595lm 630lm	12v DC
IMAGE	PART NUMBER	POWER	COLOUR TEMP	LUMENS	INPUT
	HV9508	3W	3000K 4000K 5500K	240lm 255lm 270lm	24v DC
		5W	3000K 4000K 5500K	400lm 425lm 450lm	24v DC
		7W	3000K 4000K 5500K	560lm 595lm 630lm	24v DC

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

G4 High Output Bi Pin LED Globes

- 1.4w, 1.5w, 3.2w & 5w SMD LED
- Beam angle: 180°

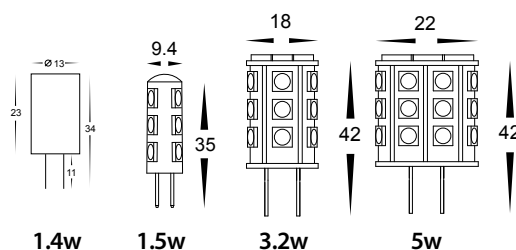


IMAGE	PART NUMBER	COLOUR TEMP.	OUTPUT	POWER
	HV9523	5500K	110lm	1.4w LED 12v DC
	HV9523-1.5W	5500K	110lm	1.5w LED 12v DC
	HV9523-3.2W	5500K	260lm	3.2w LED 12v DC
	HV9523-5W	5500K	400lm	5w LED 12v DC
	HV9525	Red	NA	1.4w LED 12v DC
	HV9526	Yellow	NA	1.4w LED 12v DC
	HV9527	Green	NA	1.4w LED 12v DC
	HV9528	Blue	NA	1.4w LED 12v DC
	HV9529	3000k	90lm	1.4w LED 12v DC
	HV9529-1.5W	3000k	90lm	1.5w LED 12v DC
	HV9529-3.2W	3000k	240lm	3.2w LED 12v DC
	HV9529-5W	3000k	360lm	5w LED 12v DC

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

5w COB High Output LED Globes

- 5w COB LED
- Aluminium body
- Beam angle: 60°



IMAGE	PART NUMBER	COLOUR TEMP	OUTPUT	POWER
	HV9555C	5500K	370lm	Dimmable 5w LED 240v GU10
	HV9555-4K	4000k	3550lm	Dimmable 5w LED 240v GU10
	HV9555W	3000k	340lm	Dimmable 5w LED 240v GU10
	HV9555B	Blue	NA	Dimmable Blue, 5w LED 240v GU10
	HV9555G	Green	NA	Dimmable Green, 5w LED 240v GU10
	HV9555R	Red	NA	Dimmable Red, 5w LED 240v GU10
IMAGE	PART NUMBER	COLOUR TEMP	OUTPUT	POWER
	HV9557C	5500K	370lm	5w LED 12v DC MR16
	HV9557-4K	4000k	355lm	5w LED 12v DC MR16
	HV9557W	3000k	340lm	5w LED 12v DC MR16
	HV9557B	Blue	NA	Blue, 5w LED 12v DC MR16
	HV9557G	Green	NA	Green, 5w LED 12v DC MR16
	HV9557R	Red	NA	Red, 5w LED 12v DC MR16

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

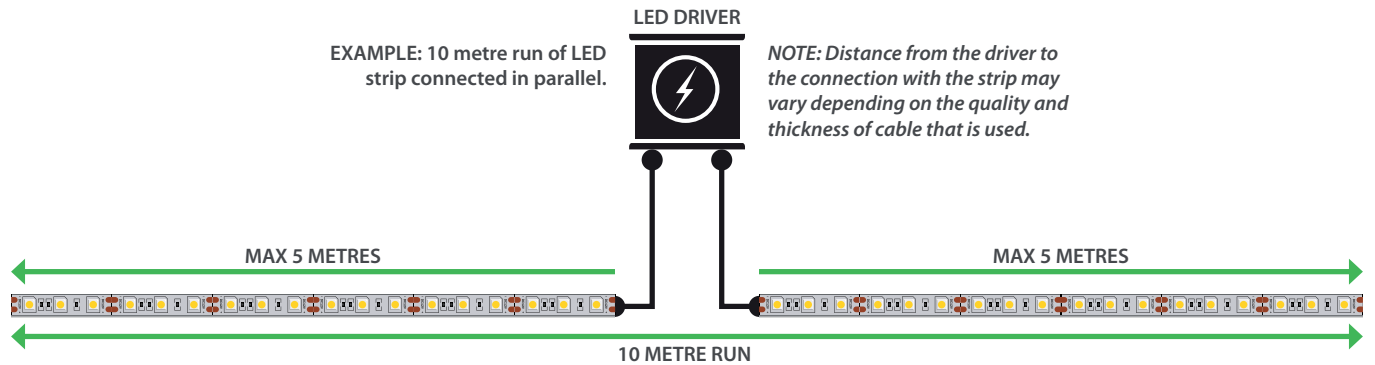
The Dark Art of Understanding The Mystery of “Voltage Drop”

One common question that is frequently asked in the Lighting Industry is “What is voltage drop?”

Voltage drop is a decrease in voltage from the initial power supply’s 100% voltage, across all part of an electric circuit. Excessive drop in voltage can make your LED lights to burn dimly. This is not something you want but the bigger question is how and why this happens...

The voltage drop occurs when the supplied energy of the voltage source decreases as the electric current travels through passive components (components do not supply voltage) of an electrical circuit. Voltage reduces across conductors, contacts, resistors and across connectors which is undesirable.

For a better understanding, we have listed the 3 main factors that affect Voltage Drop.



1. Cable thickness:

For long cable runs, you will require a thick cable to prevent voltage drop – whereas for short runs you can make use thin cables yet still have no voltage drop problem. The thickness of a cable is the most significant factor influencing voltage drop: In a case where you use a cable that is too narrow for the length of the run, this will lead to voltage drop towards the end of a long cable run. It would be better to plan to use a thicker cable if you are unsure as this will increase your chances of avoiding LED’s that do not have consistent brightness along the whole run.

2. Cable composition:

Just like the current, the material a cable is made off will influence how well it conducts electric current. Some materials are more resistant than others. Be sure to select an appropriate high-quality cable to ensure the best result

3. Length of the LED

With LED strip lights voltage drops can happen not just across the cables used to supply power to the LED Strip attached to the strip light, but additionally, as a universal rule, Any continuous run of LED Strip that exceeds 5 metres will begin to experience a voltage drop problem.

The good news is that you can prevent voltage drop? To manage the problem: Divide long runs of LED Strip Lighting into shorter lengths, then connect extra “Parallel” wires from the power supply to each of the LED Strips or use multiple power supplies along the run. .

This procedure can be repeated as many time as you require. You may run the extra wire from the power unit alongside the uncut LED Strip and join it when the voltage drop begins to happen. Just make sure you are using the correct wire gage (This determines the amount of electric current a wire can safely carry, as well as its electrical resistance and weight.)

Example 1. Create a parallel connection from the power supply and spilt the runs in various directions.

- If you are using 10 metres of LED Strip Lighting, we recommend installing the power supply in the middle of the run and having one 5 metres segment running from the power supply to one side, and one 5 metres heading off to the other side, This is known as “parallel” connection.


















Example 2. Running different parallel runs a longer distance.

If you want to install a continuous run of more than 30 metres, or you are using a much longer length of wire from the power supply to the LED Strip, use a “Parallel connection”



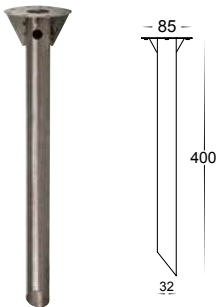

Havit lighting is here to help! We know that even with this helpful guide there are times where you may still need assistance. If you would like us to help you calculate or help you confirm your calculations on a specific job our team is ready to help. Contact Havit Lighting Head Office on 02 9381 8300 or contact your Havit Lighting Sales Representative.

Canopies by Havit

















- Surface mount weight limit: 2kg
- Recessed weight limit: 1kg
- Recessed cut out: 90mm

<p>70mm Round Surface Mount</p>  <p>HV9705-7023-BLK</p>	<p>70mm Round Surface Mount</p>  <p>HV9705-7023-SCH</p>	<p>70mm Round Surface Mount</p>  <p>HV9705-7023-WHT</p>
<p>100mm Round Surface Mount</p>  <p>HV9705-9025-BLK-RND</p>	<p>100mm Round Surface Mount</p>  <p>HV9705-9025-SCH-RND</p>	<p>100mm Round Surface Mount</p>  <p>HV9705-9025-WHT-RND</p>
<p>100x100mm Square Surface Mount</p>  <p>HV9705-9025-BLK-SQ</p>	<p>100x100mm Square Surface Mount</p>  <p>HV9705-9025-SCH-SQ</p>	<p>100x100mm Square Surface Mount</p>  <p>HV9705-9025-WHT-SQ</p>
<p>100mm Round Recessed 90mm cutout</p>  <p>HV9705-9005-BLK-RND</p>	<p>100mm Round Recessed 90mm cutout</p>  <p>HV9705-9005-SCH-RND</p>	<p>100mm Round Recessed 90mm cutout</p>  <p>HV9705-9005-WHT-RND</p>
<p>100x100mm Square Recessed 90mm cutout</p>  <p>HV9705-9005-BLK-SQ</p>	<p>100x100mm Square Recessed 90mm cutout</p>  <p>HV9705-9005-SCH-SQ</p>	<p>100x100mm Square Recessed 90mm cutout</p>  <p>HV9705-9005-WHT-SQ</p>

Accessories

	PART NUMBER	DESCRIPTION	IP RATING
	HV1437-TOP	Replacment glass to suit HV1437	NA
	HV350-SPK	<ul style="list-style-type: none"> Optional garden spike to suit: HV1494C, HV1494W and HV1494RGB 	NA
	HV1607	<ul style="list-style-type: none"> Bollard spike High grade stainless steel 400mm Length Includes stainless steel base plate 	NA
	HV9971	<ul style="list-style-type: none"> Maintainance kit recommended for all stainless steel luminaires Kit will clean and protect 	NA

Accessories

	PART NUMBER	DESCRIPTION	IP RATING
	HV9905	<ul style="list-style-type: none"> Junction Box IP Rating: IP67 	IP67
	HV9930	<ul style="list-style-type: none"> LED strip adaptor DC male connector to 2 pin 	IP20
	HV9931	<ul style="list-style-type: none"> LED strip adaptor DC female connector to 2 pin 	IP20
	HV9933	<ul style="list-style-type: none"> DC connector 2 metre extension Extend LED Drivers 	IP20
	HV9934	<ul style="list-style-type: none"> 1 into 4 Connector DC female to 4x DC male Extend LED Driver output 	IP20
	HV9936	<ul style="list-style-type: none"> 1 into 6 Connector DC female to 6x DC male Extend LED Driver output 	IP20
	HV9938	<ul style="list-style-type: none"> 1 into 8 Connector DC female to 8x DC male Extend LED Driver output 	IP20
 x5	HV9941-5PK	<ul style="list-style-type: none"> Ezi Tail connector - 5 Pack 	
 x10	HV9941-10PK	<ul style="list-style-type: none"> Ezi Tail connector - 10 Pack 	
	HV9705-9955	<ul style="list-style-type: none"> Suspension kit to suit hv9705-9955 	
	HV9705-9956	<ul style="list-style-type: none"> 2 core low voltage suspension cable to suit hv9705-9956 	
	HV9981	<ul style="list-style-type: none"> Red & Black Low Voltage Cable - 1m 	
	HV9982	<ul style="list-style-type: none"> RGB Low Voltage Cable - 1m 	
	HV9983	<ul style="list-style-type: none"> RGBC / W Low Voltage Cable - 1m 	
	HV9984	<ul style="list-style-type: none"> 2 Core Clear Low Voltage Cable - 1m 	
	HV9985	<ul style="list-style-type: none"> 3 Core Clear Cable - 1m 	

All low voltage products that specify an input of 12v or 24v DC must be used with a suitable LED driver, refer to pages 267 - 274
 Lumen output measured at source. All globes supplied with fittings are non dimmable. If you require 240v dimmable globes refer to page 334

IP (INGRESS PROTECTION) RATINGS GUIDE

SOLIDS		WATER	
	Protected against a solid object greater than 50mm, such as a hand		Protected against vertically falling drops of water. Limited ingress permitted
	Protected against a solid object greater than 12.5mm, such as a finger		Protected against vertically falling drops of water with enclosure tilted 15° from vertical. Limited ingress permitted
	Protected against a solid object greater than 2.5mm, such as a screwdriver		Protected against sprays to 60° from the vertical. Limited ingress permitted
	Protected against a solid object greater than 1.0mm, such as a wire		Protected against water splashed from all directions. Limited ingress permitted
	Dust protected. Limited ingress of dust permitted		Protected against jets of water. Limited ingress permitted
	Dust Tight. Zero ingress of dust permitted		Protected against strong jets of water. Limited ingress permitted
			Protected against the effects of immersion between 15cm and 1m for up to 1hr
			Protected against long periods of immersion under pressure

IP 67

INGRESS PROTECTION

Chart for reference only. Please refer to AS60529. Diagrams used to illustrate the IP Rating do not have any relation to standards or the IP Rating system and should only be used as a guide.

IK RATINGS GUIDE

IK Ratings is the measurement of an object being dropped or fallen onto a fitting from a certain distance and up to a certain weight without the glass breaking.

IK CODE	
00	No Protection
01	Protected against impact of object with weight of up to 0.25kg mass dropped from 56mm above the impacted surface.
02	Protected against impact of object with weight of up to 0.25kg mass dropped from 80mm above the impacted surface.
03	Protected against impact of object with weight of up to 0.25kg mass dropped from 140mm above the impacted surface.
04	Protected against impact of object with weight of up to 0.25kg mass dropped from 200mm above the impacted surface.
05	Protected against impact of object with weight of up to 0.25kg mass dropped from 280mm above the impacted surface.
06	Protected against impact of object with weight of up to 0.25kg mass dropped from 400mm above the impacted surface.
07	Protected against impact of object with weight of up to 0.5kg mass dropped from 400mm above the impacted surface.
08	Protected against impact of object with weight of up to 1.7kg mass dropped from 300mm above the impacted surface.
09	Protected against impact of object with weight of up to 5kg mass dropped from 200mm above the impacted surface.
10	Protected against impact of object with weight of up to 5kg mass dropped from 400mm above the impacted surface.

Warranty Terms & Conditions

2 YEARS LIMITED REPLACEMENT WARRANTY

(1.) HAVIT LIGHTING offers a 2 YEARS limited replacement warranty on products where the product fails due to defective materials or workmanship. The warranty period begins from the date of purchase.

For a replacement warranty to apply you must have the following.

- Proof of purchase (such as the original dated purchase receipt) from an authorised HAVIT LIGHTING retailer to make a warranty claim.
- A proof of installation as required by law for products requiring installation by licensed electricians. (Please refer to the product Instruction leaflet which will state if the product is required to be installed by a licensed electrician.
- Warranty claims without this documentation will NOT be accepted.

BALANCE OF WARRANTY

To the maximum extent permitted by law, any replaced products by HAVIT LIGHTING are covered only by the balance of the warranty period remaining from the date of purchase of the original HAVIT LIGHTING product. This warranty is not transferrable and only applies to the original purchaser of the Havit Lighting product.

(2.) 2 YEARS LIMITED REPLACEMENT WARRANTY

In addition to the limited warranty terms set out under section (1).

Where a consumer asserts that a product installed is faulty, and a HAVIT LIGHTING service agent has attended the property, A SERVICE CALL FEE WILL BE CHARGED TO THE CONSUMER IF:

- The product is not a HAVIT LIGHTING product.
- There is nothing wrong with the product or to the extent that the failure is not a failure of the product to perform in accordance with its published features and specifications as reasonably determined by HAVIT LIGHTING.
- The original installation of the product was not carried out by a licensed electrician.
- The installation is not performed in accordance with the relevant HAVIT LIGHTING product installation instructions.
- The defects have been caused by incorrect application, abuse or misuse by the consumer.

4. WHAT IS NOT COVERED BY THE LIMITED REPAIR / REPLACEMENT WARRANTY Subject to "Your Consumer Rights", but otherwise to the maximum extent permitted by law, the HAVIT LIGHTING warranties provided in this document will not cover the following:

- Products that are not purchased from an authorised reseller and installed in Australia.
- Where installation was not carried out by a licensed electrician as required.
- Products not installed in accordance with the product's installation instructions or specifications.
- Products not used in accordance with the instructions for use or specifications.
- Defect, damage or failure to a product resulting from misuse, accident, neglect, abuse, tampering, modifications or unauthorised repairs being carried out.



- Damages not caused by a fault in the product materials or workmanship.
- Defect, damage or failure to a product resulting from any acts of God, including damages from lightning, power grid fluctuations, or power surges.
- Replacement of light sources unless specified.
- Replacement of batteries supplied with certain products.
- Power supply “noise”, intermittent “humming” or other influences from mains power delivery infrastructure. Signals sent through the power grid by the electricity provider for the control of off peak hot water, street lights and other devices may cause an intermittent humming noise in your product. Filters for blocking/reducing such signals are available in Australia at the customer’s expense. These noises do not indicate the product is faulty.
- Damage caused by alternative power systems (for example: solar inverters, etc.).
- Water damage of any kind caused by inappropriate placement of fittings not IP rated for that location.
- Corrosion or rust occurring on aluminium or 304 grade stainless steel fittings that have been installed within 2km of any salt water environment.
- Flashing of LED Light fittings caused by incorrect cable or LED driver being used.
- The cost of renting, obtaining and using special access equipment (i.e. scaffoldings, scissor lifts, etc.) for accessing products installed at a height of greater than 3.0 meters.
- Travelling costs incurred by HAVIT LIGHTING personnel or service agents travelling greater than 25 Km from an authorised service agent.
- Non-structural corrosion damage of non-316 stainless steel components such as surface rust or minor rust.
- LED fittings must not be installed on same LED circuit as Fluorescent lighting, Exhaust fans, Bathroom 3 in 1 units, Ovens and Microwaves, Having these installed on the same circuit with LED light fittings will void warranty.

5. COMMERCIAL USE

The warranty period for HAVIT LIGHTING products designated as Commercial use is specified in the instruction leaflet supplied with the light fitting.

All other HAVIT LIGHTING products are designed for domestic use.

Where products designed for domestic use are used in a commercial environment/commercial premises one third of the domestic warranty applies.

This warranty is valid in Australia only how to make a warranty claim.

Limited replacement warranty: Please return the faulty HAVIT LIGHTING product together with a copy of the proof of purchase and a proof of installation as required by law from the electrician installing the product to the authorised HAVIT LIGHTING retailer where the product was purchased. To the maximum extent permitted by law, the customer must bear the costs and expenses of claiming under this warranty, including but not limited to the cost incurred in freight, postage, handling, travel, dismantling or reinstalling the product.



Recommended Routine Maintenance For Stainless Steel Luminaires

Stainless Steel features as the main exterior metal of many luminaires; many of us recognise that stainless steel is intrinsically attractive, but these fittings require maintenance like all others. Stainless steel enjoys a strong and enduring reputation for long term appearance and structural integrity. But like all materials stainless steel may become stained or discoloured over time, impairing the overall look. This brown discolouration is referred to as "tea staining". Tea staining can be defined as discolouration of the surface to stainless steel that does not affect the structural integrity or the longevity of the material.

Environmental Factors

Tea staining occurs most commonly within about five kilometres of the sea and becomes progressively worse closer to the marine source. However, wind exposure, pollution levels and higher temperatures can create environments where tea staining might occur 20 kilometres or more from the nearest body of seawater. Swimming pool surrounds must also be treated in the same manner, particularly indoor pools. These same factors also increase corrosion rates of alternative materials.

Surface Finish

Rough surface finishes promote tea staining; the smoother the surface, the better. Smoother surface finishes stay cleaner between washes and don't have deep surface grooves where chlorides (salts) and other contaminants can collect and cause staining. Even smooth stainless steel finishes in coastal environments may show tea staining if not washed regularly.

Selecting Stainless Steel Luminaires

Care in the selection of luminaires for any application will avoid problems and disappointment. Some considerations for selection include: Appropriate Grade Selection. Exposure of a particular grade of stainless steel to a more aggressive environment than it can resist will contribute to tea staining. Grade 316 should be selected as a minimum within five kilometres of the sea. The less expensive grades (such as 304 or 202) will probably become tea stained or even suffer more severe corrosion.

Prevention – Perform Regular Maintenance

Protecting Stainless Steel from corrosion no longer needs to be a chore as there is now a unique treatment containing Nanolon which provides protection for months on end. The Stainless Steel solution is a two part rejuvenation and protection treatment providing long lasting protection to all grades of Stainless Steel. Ideal for the removal and protection of corrosion and 'tea staining' on all grades of internal and external stainless steel.

STEP 1

Using **Stainless Steel Rejuvenating Paste** - the non abrasive formula not only cleans, removes contaminants and rejuvenates the surface, it also pre conditions stainless steel for the protective treatment of (Step 2) Stainless Steel Sentry – the formulation is pH balanced in order to counter any acidic corrosive residues remaining from previous cleaning products and contaminants. The pH balancing aids in the protection of further 'tea staining' and corrosion.

STEP 2

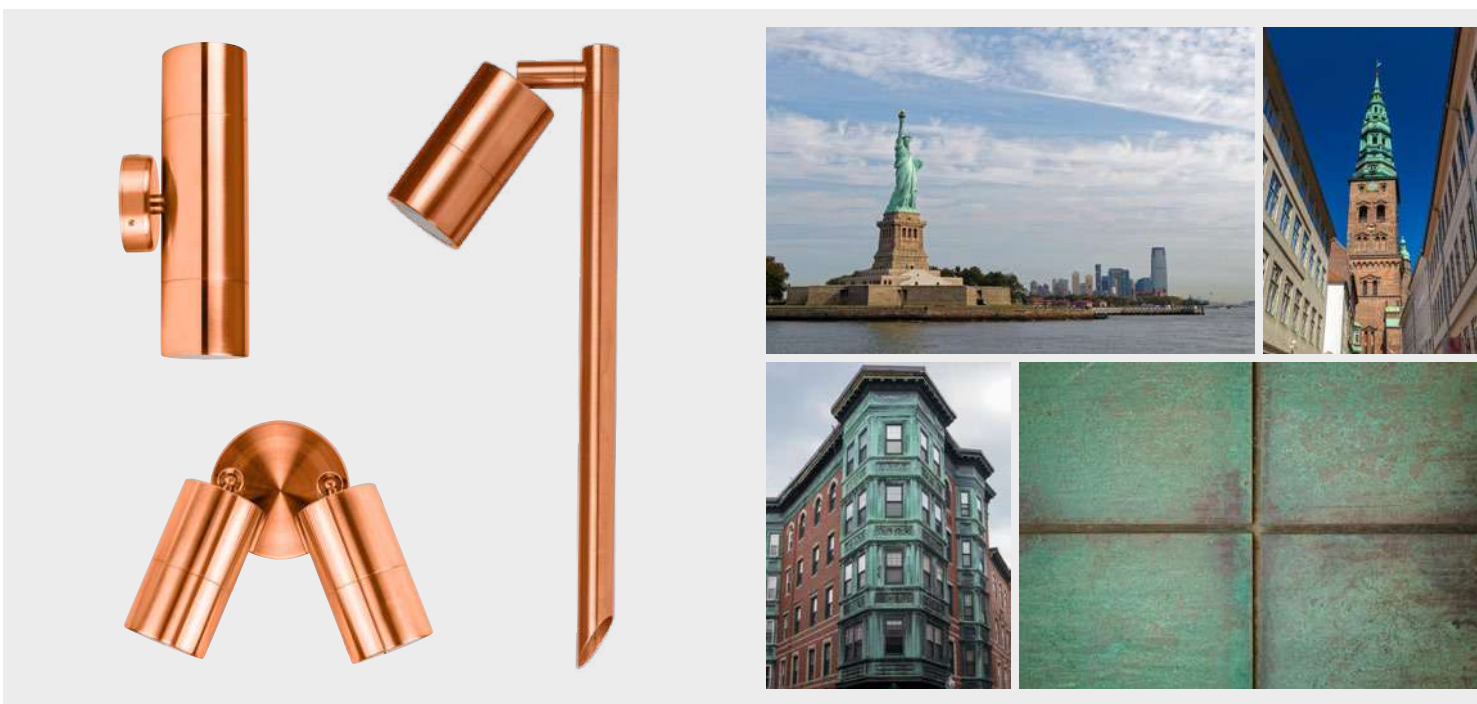
Using **Stainless Steel Sentry** - for all grades of marine and architectural, internal and external stainless steel. Containing the ultra protection concentrate NANOLON. The NANOLON concentrate when applied to the preconditioned stainless steel microscopically coats it and protects it for several months depending on the conditions.

The NANOLON concentrate protects stainless steel from atmospheric corrosion which causes unsightly 'tea staining' and rusting. This product is designed to be used only in conjunction with Stainless Steel Rejuvenating Paste.

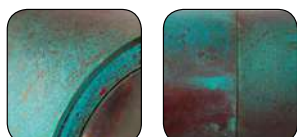
We recommend the use of this product on all Stainless Steel Luminaries displayed in this catalogue.

Architectural Copper Oxidation

Why does copper turn green?



When used outdoors and exposed to the elements, copper transforms from a bright, shiny new penny shade, to a burnished brown, and finally to a distinct green colour. It is this particular effect that attracts architects and designer to use copper. This green finish can most famously be seen on the Statue of liberty and is seen across many cities on old and new buildings.



This unique characteristic of copper is completely natural and is often referred to as the “patina” – which refers to the way copper changes colour and turns green as it ages. This natural process actually preserves the copper and protects it from the outside elements making it an excellent choice for exterior lighting.

Over time copper will naturally change colours – transforming from a shiny brown colour to darker browns, then blues and finally greens after a period of time dependant on fittings location and exposure the natural elements such as wind and rain. Copper develops this “patina” which protects and preserves the metal underneath.

Natural Oxidation

In the same way rust develops on iron, patina develops on copper when the copper sulphate on the surface interacts with oxygen in the environment. Importantly, unlike rust which corrodes iron, patina actually protects and preserves the copper underneath.

Copper Care

The patina process of copper is completely natural and one of the big draws for people who like its look. However, some people prefer the newer look of copper and this can be restored with the help of readily available cleaning products and a little “elbow grease.”

Buffing is a big part of the cleaning process. There are also many commercial products as well as homemade remedies, including those made with vinegar and lemon juice. You should always start by washing the copper with warm water and gentle soap. Avoid using abrasive cleansers or cloths, as they may scratch the copper.

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