Multi-Use Effect

R647
Small Fixed

Dimensions D40 x H34.5mm	**Cut Out** Ø 32mm	
Watts 1.2W	**Lumens** 82lm	
Beam 24°		

Specifications

Input	350mA DC Constant Current
Colour Temp	3000K
CRI	80
Lifespan	>42,000hrs (L70 B10)
Binning	SDCM 3
Material	316 STS
IP Rating	IP65
Classification	IC Rated
Clearance	0mm, zero clearance required
Driver	Sold separately
Dimming/Control	Dimmable
Application	Interior or Exterior, recessed
Warranty	5 Year Warranty

White

Black

Raw
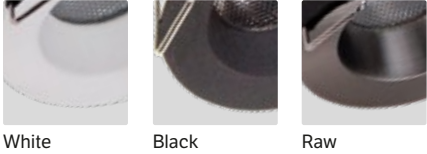
Available In

Description	Code
R647 - Small	
Black 316 STS	R647 BLL
Raw 316 STS	R647 SSL
White 316 STS	R647 WL

R744

Fixed Mini

Dimensions D50 x H30mm		**Cut Out** Ø 38mm	
Watts 3.3W		**Lumens** 330lm	
Beam 35°			

Specifications

Input	350mA DC Constant Current
Colour Temp	3000K
CRI	80
Lifespan	50,000hrs
Binning	SDCM 3
Material	Aluminium, 316 STS or Copper
IP Rating	IP44
Clearance	0mm, zero clearance required
Classification	IC Rated
Driver	Sold separately
Dimming/Control	Dimmable
Application	Interior or exterior, recessed, suitable for zero clearance installs
Warranty	5 Year Warranty

White

Black
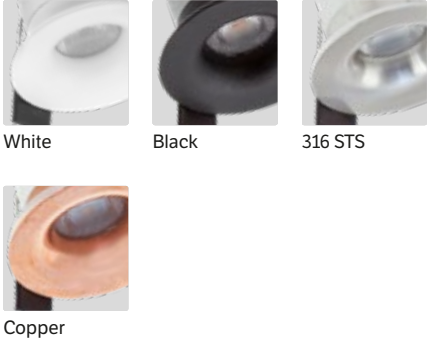
316 STS

Copper

Available In

Description	Code
R744 - Semi Narrow Beam	
White	R744 W3
Black	R744 B3
Copper	R744 CO3
316 STS	R744 STS3

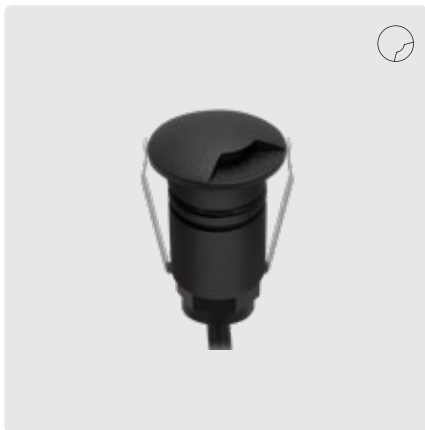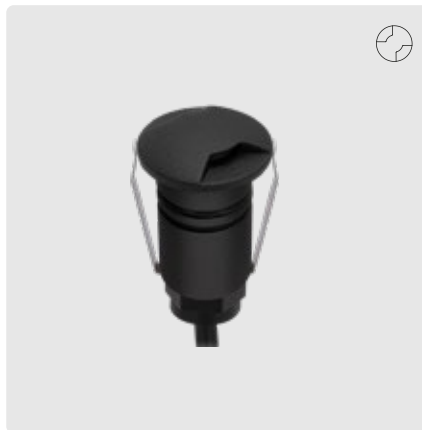**X25**   Mini Standard   **X31**   Mini Standard   **X26**   Mini Eyelid
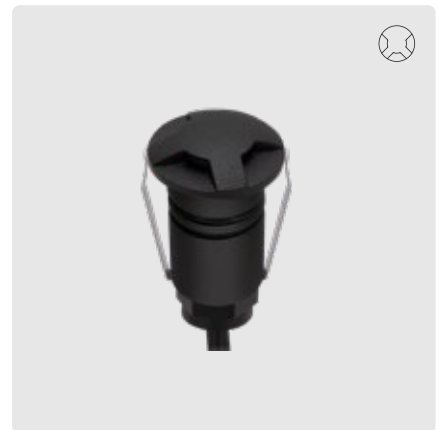
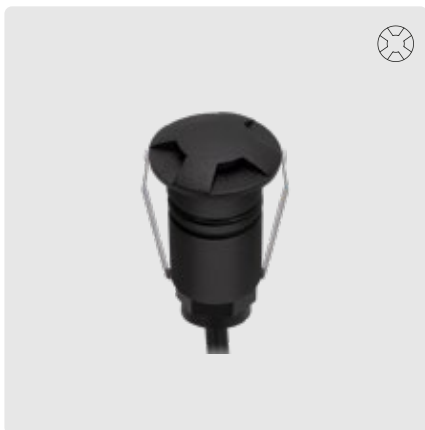**X27**   Mini 1-Way   **X28**   Mini 2-Way   **X29**   Mini 3-Way
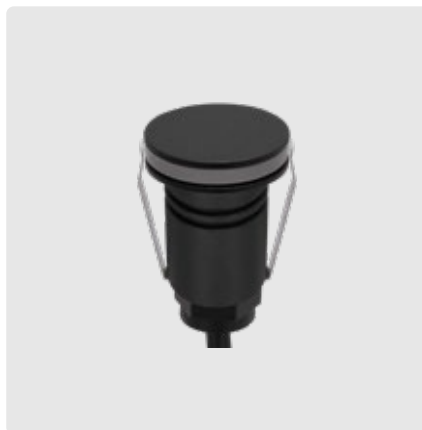
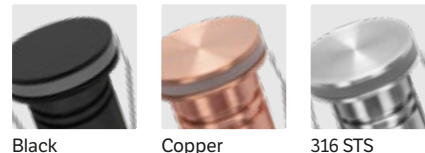**X30**   Mini 4-Way   **X32**   Mini Halo

Exterior X25 series is available in Black 316 STS, Polished 316 STS or Copper in 2700K, 3000K, 4000K and RGBW with multiple beam angle options the Mini X25 series can be configured and customised to your precise requirements. Inground installation housings, DIY style plug and play extension cable and socket accessories available.

Specifications

Watts	1W
Input	8-25V DC Variable Voltage (Non Dim), 24V DC Constant Voltage (RGBW)
Dimensions	X25: D25 x H41mm, X26 X27 X28 X29 X30 X32: D25 x H45mm X31: L25 x W25 x H41mm
Cut Out	Ø19mm
Colour Temp	2700K, 3000K, 4000K or RGBW
Lumens	<60lm
CRI	>80
Lifespan	40,000hrs (L80 B10)
Beam Angle	17°, 36°, 360° or ambient light source
Material	316 Stainless Steel or Copper
IP Rating	IP67
IK Rating	IK10
Clearance	0mm clearance required
Classification	IC-F Rated
Driver	Sold separately
Dimming/Control	Non-dimmable
Application	Exterior or interior, multi-use
Weight Capacity	<2000kg
Complete With	500mm feed cable. Single colour pre-wired with quick connect IP67 plug. See wiring accessories for compatible extensions/ sockets. RGBW not compatible with quick connect accessories.
Warranty	5 Year Warranty

Black   Copper   316 STS

Wiring Accessories

Suitable for single colour fittings only, not compatible with RGBW.

| Description	Code
1m Feed Cable	X25-FC1M
10m Feed Cable	X25-FC10M
1.5m Loop/Extension Cable	X25-LC1.5M
3m Loop/Extension Cable	X25-LC3M
5m Loop/Extension Cable	X25-LC5M
10m Loop/Extension Cable	X25-LC10M
Two Way Spot Socket	X25-S2
Three Way Spot Socket	X25-S3

Feed Cable   Loop/Extension   Two Way Spot
                Cable   Socket

Housing Accessories

Description	Code
In-wall Installation Sleeve. D22 x H50mm (Cut out: Ø23mm)	X25-IWS

50mm

Ø22mm
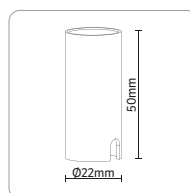
X25-IWS

Variable Voltage Technology

Non-dimmable options are powered by a 8-25V DC module. Suitable for use with 12V or 24V DC power supplies or long circuits with a high volt drop.

Available In

Model	-	Finish	Colour Temp	-	Beam Angle
X25 (Round) X26 (Eyelid) X31 (Square)	-	B = Black 316 STS COP = Copper STS = 316 STS	27K = 2700K 3K = 3000K 4K = 4000K RGBW = RGB + 3000K	-	17D = 17° beam 36D = 36° beam
X27 (1-way) X28 (2-way) X29 (3-way) X30 (4-way)	-	B = Black 316 STS COP = Copper STS = 316 STS	27K = 2700K 3K = 3000K 4K = 4000K RGBW = RGB + 3000K		
X32 (Halo)	-	B = Black 316 STS COP = Copper STS = 316 STS	27K = 2700K		

Example code = X25-STS3K-36D (Round mini standard single beam up or down, 316 STS, 3000K, 36° beam).
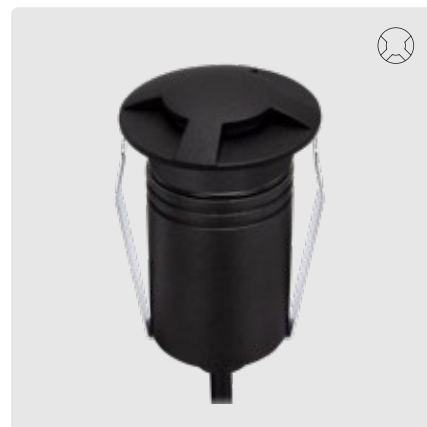
X55 Standard

X61 Standard

X56 Eyelid

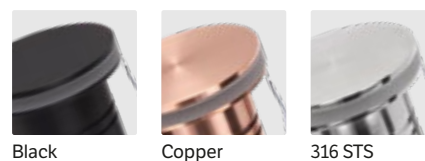**X57** 1-Way

X58 2-Way

X59 3-Way

X60 4-Way

X62 Halo

Specifications

Watts	2.5W
Input Voltage	10-25V DC Variable Voltage (Non Dim), 24V DC Constant Voltage (Dim, RGBW)
Dimensions	X55: D55 x H82mm. X61: L55 x W55 x H82mm X56 X57 X58 X59 X60 X62: D55 x H90mm
Cut Out	Ø43mm
Colour Temp	2700K, 3000K, 4000K or RGBW
Lumens	<170lm
CRI	>80
Lifespan	40,000hrs (L80 B10)
Beam Angle	19°, 36°, 60°, 360° or 20x40°
Material	316 Stainless Steel or Copper
IP Rating	IP67
IK Rating	IK10
Clearance	0mm, zero clearance required
Classification	IC-F Rated
Driver	Sold separately
Dimming/Control	Non-dimmable or Dimmable (Phase cut)
Application	Exterior or interior, multi-use
Weight Capacity	<2000kg
Complete With	500mm feed cable. Single colour pre-wired with quick connect IP67 plug. See wiring accessories for compatible extensions/sockets. RGBW not compatible with quick connect accessories.
Warranty	5 Year Warranty

Black   Copper   316 STS

Housing Accessories

Description	Code
In-wall Installation Sleeve	X55-IWS
Inground Installation Housing	X55-IGH

Variable Voltage Technology

Non-dimmable options are powered by a 10-25V DC module. Suitable for use with 12V or 24V DC power supplies or long circuits with a high volt drop.

Wiring Accessories

Suitable for single colour fittings only, not compatible with RGBW.

Description	Code
1m Feed Cable	EX110 FC1M
10m Feed Cable	EX110 FC10M
1.5m Loop/Extension Cable	EX110 LC1.5M
2m Loop/Extension Cable	EX110 LC2M
3m Loop/Extension Cable	EX110 LC3M
5m Loop/Extension Cable	EX110 LC5M
10m Loop/Extension Cable	EX110 LC10M
Two Way Spot Socket	EX110 S2
Three Way Spot Socket	EX110 S3

Feed Cable   Loop/Extension Cable   Two Way Spot Socket

Non-dimmable 10-25V Recommended Drivers			Dimmable 24V Recommended Drivers		
Driver item code	Min-Max Output (W)	Quantity	Driver item code	Min-Max Output (W)	Quantity
DCV24-150W-IP	0-150W	1-20pcs	DCV24-D-25W	9.6-25W	4-8pcs
DCV24-200W-IP	0-200W	1-27pcs	DCV24-D-50W	12-50W	8-16pcs
DCV24-320W-IP	0-320W	1-43pcs	DCV24-D-100W	34-100W	16-32pcs
			DCV24-D-200W-IP	65-200W	30-65pcs

Available In

Model	-	Finish	Colour Temp	-	Dimmable	-	Beam Angle	-	Optional
X55 (Round) X56 (Eyelid) X61 (Square)	-	B = Black 316 STS COP = Copper STS = 316 STS	27K = 2700K 3K = 3000K 4K = 4000K RGBW = RGB + 3000K	-	= Non-dim D = Dimmable	-	19D = 19° beam 36D = 36° beam 60D = 60° beam DIFF = Frosted Diffuser ASY = Asymmetric 20x40°	-	HC = Honeycomb LSL = Linear Spread
X57 (1-way) X58 (2-way) X59 (3-way) X60 (4-way)	-	B = Black 316 STS COP = Copper STS = 316 STS	27K = 2700K 3K = 3000K 4K = 4000K RGBW = RGB + 3000K	-	= Non-dim D = Dimmable				
X62 (Halo)	-	B = Black 316 STS COP = Copper STS = 316 STS	27K = 2700K						

Example code = X55-STS3K-D-36D-HC (Round standard single beam, 316 STS, 3000K, dimmable, 36°, Honeycomb lens).

R895 Round

Dimensions D35 x H29mm | **Cut Out** ⌀ 27mm
Watts 0.5W | **Beam** 120˚

R896 Square

Dimensions L35 x W35 x H29mm | **Cut Out** ⌀ 27mm
Watts 0.5W | **Beam** 120˚

Specifications

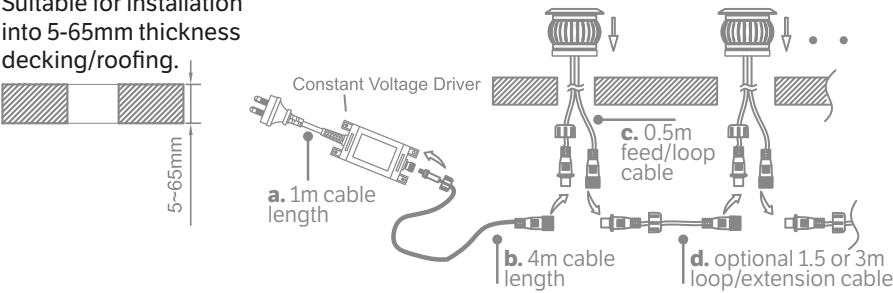|	
Input	24V DC Constant Voltage
Colour Temp	2700K
CRI	80
Lifespan	30,000hrs
Binning	SDCM 3
Material	316 Stainless Steel
IP Rating	IP67
Classification	IC Rated
Clearance	0mm, zero clearance required
Driver	Included, pre-wired with 2 pin plug and IP65 quick connect secondary. Single light sold without driver. (Maximum 16x connected per supplied driver.)
Dimming/Control	Non-dimmable
Application	Exterior, recessed. For recessed installation into decking/roofing only. Not suitable for use inground.
Warranty	5 Year Warranty

STS

Available In

Description	Code
R895 - Round	
316 STS, 8 pack	R895 STS8K
316 STS, single light	R895 STS
R896 - Square	
316 STS, 8 pack	R896 STS8K
316 STS, single light	R896 STS

Optional Accessories

Description	Code
1.5m Loop/Extension Cable	R895 LC1.5M
3m Loop/Extension Cable	R895 LC3M

Spare Parts

Description	Code
12W driver	R895 ADAPTOR

Installation

Suitable for installation into 5-65mm thickness decking/roofing.

Constant Voltage Driver

a. 1m cable length

b. 4m cable length

c. 0.5m feed/loop cable

d. optional 1.5 or 3m loop/extension cable

5~65mm

8 Pack comes complete with:
1x Driver Pre-wired with 2 pin plug (1 metre), see "a." on diagram.
1x Secondary Feed Extension 4m cable length, see "b." on diagram.
8x R895 STS or R896 STS Pre-wired with 0.5m feed/loop cables, see "c." on diagram.
Optional Accessories (sold separately) 1.5 or 3m loop/extension cables, see "d." on diagram.

R960 Centre

R962 Up/Down

R965 Halo

R966 Dot

R967 Up/Down

R968 Third Down

R969 Half Down

Specifications

Watts	0.2W
Input	10-32V DC Constant Voltage
Dimensions	R960 R962: L40 x W16 x D21mm R965: D23.5 x H23mm R966 R967 R968 R969: D25 x H23mm
Cut Out	R960 R962: Ø 11mm, R965 R966 R967 R968 R969: Ø 18mm
Colour Temp	3000K
Lumens	Ambient light source approximately 20lm
CRI	80
Lifespan	50,000hrs
Material	R960 R962: 316L stainless steel frame + PC R965 R966 R967 R968 R969: 316 stainless steel frame + PMMA
IP Rating	R960 R962: IP66. R965 R966 R967 R968 R969: IP67
Classification	IC-F
Driver	Sold separately
Dimming/Control	Non-dimmable
Application	Interior or exterior, recessed
Warranty	5 Year Warranty

Available In

Example code = R962 B3 (Up/down, Black, 3000K)

Model		Colour	Colour Temp
R960 = Centre R962 = Up/Down R965 = Halo R966 = Dot R967 = Up/Down (Round) R968 = Third Down R969 = Half Down		W = White B = Black S = STS	3 = 3000K

White   Black   STS

Installation Notes

Maximum recommended connections 24-32V DC - 100x R960-969.
Do not exceed 100 metres total circuit length with 0.75mm cable.

12V DC - 100x R960-969.
Do not exceed 30 metres total circuit length with 0.75mm cable.

Use driver approx 2-3 times the total circuit load to account for inrush current.

Interior/exterior wall, stair and effect lighting. Not suitable for use as inground. Suitable for use in battery powered DC systems, eg. boats.

R723   Single

Dimensions D42 x H47mm	**Cut Out** ∅ 30mm
Watts 1.2W	**Lumens** 93lm
Beam 60˚	

Specifications

Input	24V DC Constant Voltage
Colour Temp	2700K
CRI	80
Lifespan	30,000hrs
Material	316 Stainless Steel
IP Rating	IP67
Classification	IC Rated
Clearance	0mm, zero clearance required
Driver	Sold separately
Dimming/Control	Non-dimmable
Application	Exterior, recessed highlighter
Warranty	5 Year Warranty

STS

Available In

Description	Code
R723 - Single	
316 STS	R723 SSL