

Product Catalogue

2020 3rd Quarter Rev.3



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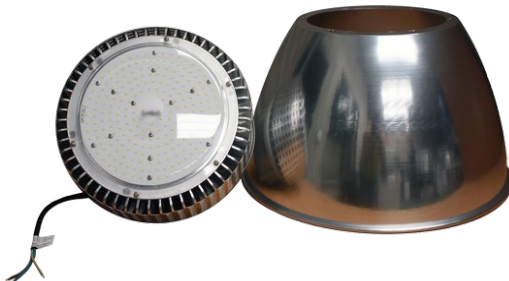


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Bay Lights 150-200w Platinum Edition

SQF

High Bay Light 150w - 200w (SMD) Meanwell Driver Cool White

Product Codes	HBYm-200w260cw HBYm-150w144cw HBYm-150w135cw	
Power Consumption (w)	200w260cw = 208.4w 150w144cw = 150w 150w135cw = 135w	
Operating Voltage	85-265v	
Power Factor	0.97Pf	
Chip Type	SMD 3030	
Colour Temperature	6000k CW	
Light Output (lumens)	200w260cw = 24996 lm 150w144cw = 14500 lm 150w135cw = 16500 lm	
Rated LED Life (hours)	30000	
Colour Rendering Index (CRI)	>80	
Beam Angle (degrees)	112°	
IP Rating	IP40	
Operating Temp	-10°- 60°C	
Max Humidity	85%	
Replaces : 200w260cw	HID 500w	
Replaces : 150w144cw	HID w	
Replaces : 150w135cw	MV 450w	
Warranty (months)	60	
Certification	CE, NRCS & RoHS	
Dimensions (L x B x H)	200w260cw = 280 x 280 x 250mm (2600g); 150w144cw = 380 x 380 x 63mm (1950g); 150w135cw = 465 x 420 x 420mm (3000g)	
Materials	Mild Steel Casing, Aluminium Cooler, Polycarbonate Lens, Aluminium Reflector	
Applications	These obtuse beam angle bay lights are best when hung high over counters and used as high/low bay luminaires. These lights are fantastic for ceilingless roofs over 7m high, in shops, showrooms, warehouses, workshops and mostly used for work, specialised and functional applications where extremely bright, wide area light coverage is required	
Limitations	These bay lights require hoisting and attachment to supports 5m+ above ground level. They need a 200-240v power source. They need to be installed facing directly downward for adequate cooling.	
Other Features	They are rugged, durable and have no dangerous components (like glass shards) that can drop into food and other sensitive processing plants.	
Compatible Dimmers	Not dimmable	
Similar Products	A cheaper version of this High Bay Light is available (pg 2)	
Complementary Products	Low Bay Lights (pg 4), Bay Light Retrofit Bulbs(pg 3)	
Customer Price	See EOR & Components Price List line 111, 103 & 102 for pricing	
Customer Notes		



Bay Lights 150-200w Silver Edition

EOR

High Bay Light 150w (90°) Cool White

Product Codes	HBYS-150w3cw HBYS-150w450cw HBYS-200w4cw	
Power Consumption (w)	150w3cw = 158w 150w450cw = 148.5w 200w4cw = 200w	
Operating Voltage	85-265v	
Power Factor	0.63Pf	
Chip Type	COB & SMD	
Colour Temperature	6000k CW	
Light Output (lumens)	150w3cw = 11800 lm 150w450cw = 13200 lm 200w4cw = 16000 lm	
Rated LED Life (hours)	30000	
Colour Rendering Index (CRI)	>75	
Beam Angle (degrees)	90°	
IP Rating	IP40	
Operating Temp	-10°- 60°C	
Max Humidity	85%	
Replaces : 150w3cw	HID 400w	
Replaces : 150w450cw	HID 400w	
Replaces : 200w4cw	HID 500w	
Warranty (months)	12	
Certification	NRCS & RoHS	
Dimensions (L x B x H)	150w3cw = 505 x 505 x 480mm (4950g); 150w450cw = 460 x 460 x 420mm (3250g); 200w4cw = 550 x 500 x 500mm (8600g)	
Materials	Mild Steel Casing, Aluminium Cooler, Polycarbonate Lens, Aluminium Reflector	
Applications	These medium beam angle bay lights are best when hung high over counters and used as high/low bay luminaires. These lights are fantastic for ceilingless roofs over 7m high, in shops, showrooms, warehouses, workshops and mostly used for work, specialised and functional applications where extremely bright, wide area light coverage is required	
Limitations	These bay lights require hoisting and attachment to supports at least 4m above ground level. They need a 200-240v power source and need to be installed facing directly downward for adequate cooling	
Other Features	They are well priced, durable and have no dangerous components (like glass shards) that can drop into processing plants or food. Their aluminium reflector domes redirect light within their designed beam angle. 60° or 120° can also be ordered	
Compatible Dimmers	Not dimmable	
Similar Products	A premium version of this High Bay light is available (pg 1)	
Complementary Products	Low Bay lights (pg 4), Bay light retrofit bulbs (pg 3)	
Customer Price	See Main Items Price List line 104, 112 & 105 for pricing	
Customer Notes		

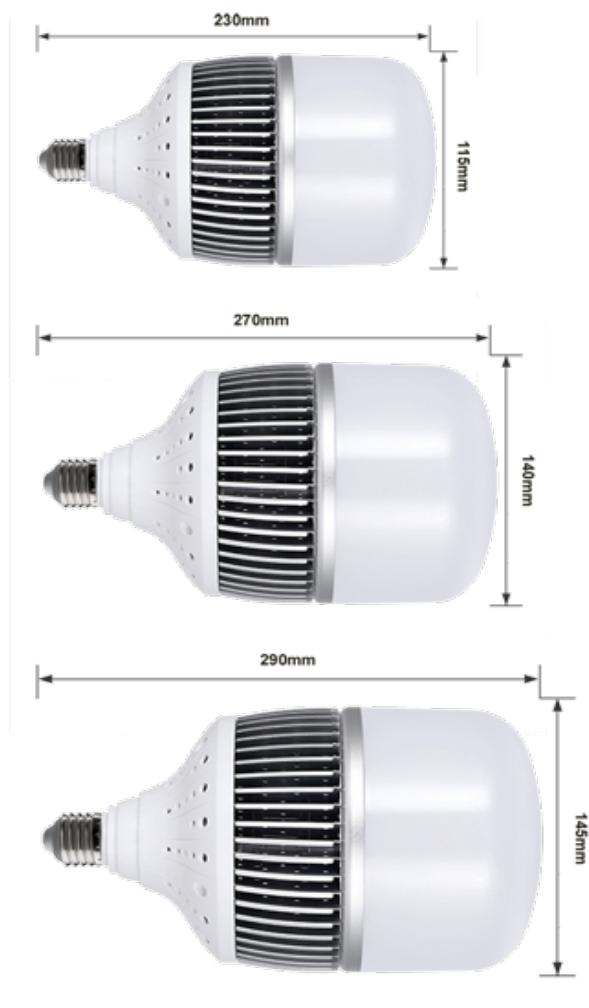


High Bay Retrofit Lights 100-200w

SQL

E40 High Bay Retrofit Light 100-200w T Series Cool White

Product Codes	E40hbs-100wTcw E40hbs-150wTcw E40hbs-200wTcw	
Lamp cap	E40	
Power Consumption (w)	100wTcw = 100w 150wTcw = 150w 200wTcw = 200w	
Operating Voltage	85-265v	
Power Factor	0.85Pf	
Chip Type	SMD	
Colour Temperature	6000k CW	
Light Output (lumens)	100wTcw = 8000 lm 150wTcw = 12000 lm 200wTcw = 16000 lm	
Rated LED Life (hours)	30000	
Colour Rendering Index (CRI)	>80	
Beam Angle (degrees)	140°	
IP Rating	IP20	
Operating Temp	-10° - 60°C	
Max Humidity	85%	
Replaces :	100wTcw HID 200w 150wTcw HID 300w 200wTcw HID 400w	
Warranty (months)	24	
Certification	NRCS & RoHS	
Dimensions (L x B x H)	100wTcw = 230 x 115 x 115mm (g); 200wTcw = 290 x 145 x 145mm (g); 150wTcw = 270 x 140 x 140mm (g);	
Materials	TR Polymer (PBT) Casing, Aluminium Cooler, Polycarbonate Lens	
Applications	These wide obtuse beam angle bay lights are designed specifically for high/low bay and other large E40 fittings. These lights can be used in shops, showrooms, warehouses and workshops ; predominantly for work and functional applications	
Limitations	These bay light bulbs are not recommended for heavily corrosive environments. When they are used to replace HID globes it is essential that the ballasts get removed prior to inserting the globes. This does not apply when these are replacing CFL globes	
Other Features	They are well priced, light weight, compact and contain no dangerous materials (like glass) that can drop into food processing plants. They screw directly into E40 fittings without having to replace the whole fitting, however see limitations above	
Similar Products	Lower Wattage Corn Light (pg 69)	
Complementary Products	Higher Wattage E40 Filament Lights (pg 81), Higher Wattage Bay Retrofit Bulbs (pg 18)	
Customer Price	See Main Items Price List line 80, 81 & 82 for pricing	
Customer Notes		





UFO Low Bay Lights 100-200w

SOH

Low Bay Light 100w - 200w (UFO) Sealed Driver Cool White

Product Codes	LBYu-100w120cw LBYu-200w240cw
Power Consumption (w)	LBYu-100 = 94.3w LBYu-200 = 193w
Operating Voltage	150-240v
Power Factor	0.63Pf
Chip Type	SMD 1028
Colour Temperature	6000k CW
Light Output (lumens)	LBYu-100 = 10000 lm LBYu-200 = 20000 lm
Rated LED Life (hours)	30000
Colour Rendering Index (CRI)	>80
Beam Angle (degrees)	120°
IP Rating	IP40
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces :	LBYu-100 HID 250w LBYu-200 HID 500w
Warranty (months)	24
Certification	NRCS & RoHS
Dimensions (L x B x H)	LBYu-100 = 297 x 297 x 110mm (1309g); LBYu-200 = 395 x 395 x 115mm (3095g)
Materials	Diecast Aluminium Casing, Aluminium Cooler, Polycarbonate Lens
Applications	These obtuse beam angle bay lights are best when hung high over counters and used as high/low bay luminaires. These lights are fantastic for ceilingless roofs from 4 to 7m in shops, showrooms, warehouses, workshops and mostly used for work, specialised and functional applications where bright, extremely wide area light coverage is required
Limitations	These bay lights are not recommended for corrosive or explosive environments. They need a 200-240v power source and need to be installed out of reach and facing directly downward for adequate cooling. Wide beam angle is better for lower installations
Other Features	They are well priced, compact, light weight and contain no dangerous materials (like glass) that can drop into processing plants or foodstuff. Their individual chip cluster lenses redirect light into their designed beam angle. A short power cable is included
Compatible Dimmers	Not dimmable
Similar Products	A High Bay version of this Low Bay UFO Light is available (pg 2)
Complementary Products	High Bay Lights (pg 1), Bay Light Retrofit Bulbs (pg 3)
Customer Price	See EOR & Components Price List line 114 & 115 for pricing
Customer Notes	





Cabinet Batten Lights Silver Edition

SOH

12v Cabinet Batten Light 300-600mm






Product Codes	CAB-BAT300cw CAB-BAT300ww CAB-BAT600cw CAB-BAT600ww 300cw = 7.5w 300ww = 7.5w 600cw = 12.5w 600ww = 12.5w	
Power Consumption (w)		
Operating Voltage	12v DC	
Chip Type	SMD 2835	
Colour Temperature	6000k CW 3000k WW 300cw = 450 lm 300ww = 450 lm 600cw = 750 lm 600ww = 750 lm	
Light Output (lumens)		
Rated LED Life (hours)	30000	
Colour Rendering Index (CRI)	>80	
Beam Angle (degrees)	120°	
IP Rating	IP40	
Operating Temp	-10°- 60°C	
Max Humidity	85%	
Warranty (months)	12	
Certification	NRCS & RoHS	
Dimensions (L x B x H)	300cw = 302 x 17 x 7mm (62g); 600cw = 602 x 18 x 9mm (109g); 300ww = 302 x 17 x 7mm (62g); 600ww = 602 x 18 x 9mm (109g)	
Materials	Anodised Aluminium Casing, Aluminium Cooler, Frosted Polycarbonate Lens	
Applications	 <p>These obtuse beam angle cabinet lights are perfect over kitchen counters, above, below or inside cabinets. These lights are suitable in bathrooms, bedrooms and kitchens ; mostly for decorative, mood, emergency, specialised and functional applications. They can be permanently mounted or temporarily clipped on with included clips</p>	
Limitations	<p>These cabinet lights require a 12v power supply and an on and off switch unless a dimmer is used. They come in two convenient lengths 300mm and 600mm. They are not waterproof and cannot be used in very wet environments without possible failure</p>	
Other Features	The CAB-BAT models come with a 2m cable and plug for our modular power splitter model CAB-SPLIT6	
Compatible Dimmers	Not dimmable	
Similar Products	USB Batten Light (pg 34), Strip Lights (pg 82, 83 & 84), Aluminium Profiles (pg 73)	
Complementary Products	Cabinet Light Splitter (pg 6), 12v Transformers (pg 72)	
Customer Price	See EOR & Components Price List line 14, 15, 16 & 17 for pricing	
Customer Notes		



Cabinet Light Components

SOH

12v Cabinet 6-way Splitter to connect multiple lights

Product Codes	CAB-SPLIT6 CAB-SPLIT-PWI CAB-SPLIT-PWO2 TRF-DC12CV25+S	
Compatible with	All modular cabinet lights	
Product Differentiation	SPLIT6 = Cabinet Light 6 Way Splitter PLIT-PWI = Splitter Power Input Cable SPLIT-PWO2 = Splitter Output Cable 2m TRF-DC12CV25+S = Transformer & 6 way Splitter	
Operating Voltage	12vDC	
Maximum Constant Load	SPLIT6 = 5 Amps PLIT-PWI = 6005 Amps SPLIT-PWO2 = 2 Amps TRF-DC12CV25+S = 15w	
Rated Life (hours)	SPLIT6 = 30000 TRF-DC12CV25+S = 10000	
IP Rating	IP20	
Operating Temp	-10° - 60°C	
Max Humidity	85%	
Warranty (months)	12	
Certification	NRCS & RoHS	
Dimensions (L x B x H)	SPLIT6 = 54 x 35 x 20mm (19g); SPLIT-PWO2 = 1980 x 3 x 1mm (19g)	
Materials	SPLIT6 = ABS Casing PLIT-PWI = PVC Coated Copper Wire and Steel Connector SPLIT-PWO2 = PVC Coated Copper Wire and PBT Connector Casing TRF-DC12CV25+S = ABS Casing	
Applications	These handy cabinet light splitter units are used for easily connecting multiple lights above or under counters and above, inside or under cabinets to a single DC power source. These lights make cabinet lighting installations in bathrooms, bedrooms, kitchens, living areas, offices, shops and showrooms a lot faster and easier	
Limitations	These splitters require a 12v power supply and an on/off switch or dimmer. They are not waterproof and cannot be used in very wet environments. Avoid electrical overload	
Other Features	The CAB-BAT and CAB-SUR models come with a 2m cable and plug designed for this modular power splitter using a JST XH2.54 connection. The power input connection is a standard 5.5/2.1mm barrel type DC connection. These cables are available seperately	
Compatible Dimmers	Dimming is possible using these components	
Similar Products	Strip Light Components (pg 87), 12v Transformers (pg 72)	
Complementary Products	Cabinet Batten Lights (pg 5), Cabinet Down Lights (pg 7), Aluminium Profiles (pg 73)	
Customer Price	See Main Items Price List line 21 & 220 for pricing	
Customer Notes		



Cabinet Down Lights Silver Edition

SOH

12v Cabinet Down Lights (Starlight, Round, Square & Rectangular)

Product Codes	CAB-SUR-RNDcw CAB-SUR-SQ2cw CAB-SUR-RCTcw CAB-RRD-1w1bw SUR-RNDcw = 2.29w SUR-SQ2cw = 2w SUR-RCTcw = 2w RRD-1w1bw = 1w	
Power Consumption (w)	SUR-RNDcw = 2.29w SUR-SQ2cw = 2w SUR-RCTcw = 2w RRD-1w1bw = 1w	
Operating Voltage	12v DC	
Chip Type	SMD 2835	
Colour Temperature	6000k CW	
Light Output (lumens)	SUR-RNDcw = 145 lm SUR-SQ2cw = 150 lm SUR-RCTcw = 150 lm RRD-1w1bw = 75 lm	
Rated LED Life (hours)	30000	
Colour Rendering Index (CRI)	>80	
Beam Angle (degrees)	120°	
IP Rating	IP40	
Operating Temp	-10° - 60°C	
Max Humidity	85%	
Warranty (months)	12	
Certification	NRCS & RoHS	
Dimensions (L x B x H)	SUR-RNDcw = 60 x 60 x 8mm (50g); SUR-RCTcw = 165 x 38 x 15mm (69g); SUR-SQ2cw = 60 x 60 x 8mm (50g); RRD-1w1bw = 30 x 30 x 30mm (40g)	
Materials	Anodised Aluminium Casing, Polycarbonate Lens	
Applications	These obtuse beam angle cabinet lights are great for caravan ceilings, over counters, under, above or inside cabinets and as confined or bulkhead fittings. These lights are suitable in bathrooms, bedrooms, kitchens and living areas as decorative, mood, emergency, specialised or functional lighting and can be used with or without a splitter	
Limitations	These cabinet lights require a 12v power supply and an on and off switch unless a dimmer is used. They are not waterproof and cannot be used in very wet environments like fish tanks without possible failure	
Other Features	The CAB-SUR-RNDcw and CAB-SUR-SQ2cw are slim disc and square shaped surface mount lights ideal for small spaces due to their wide beam angle and compact design. The CAB-SUR-RCTcw is a rectangular proximity sensor light that is ideal for large cupboards with sliding doors or where our other hinge lights are not suitable	
Compatible Dimmers	No dimmers specified yet	
Similar Products	Round Panel Lights (pg 7)	
Complementary Products	Cabinet Light Splitter (pg 6), 12v Transformers (pg 72)	
Customer Price	See Main Items Price List line 23, 24, 22 & 13 for pricing	
Customer Notes		



Cabinet Hinge Lights

SOH

12v Cabinet Hinge Light & Proximity Light Cool White

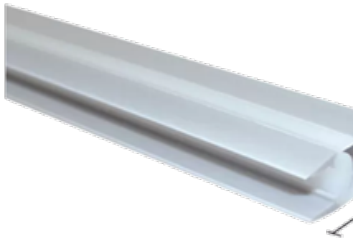
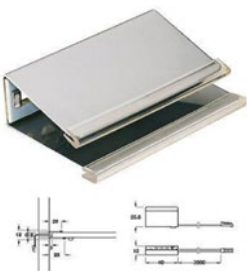

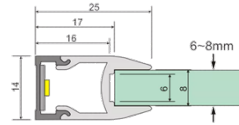
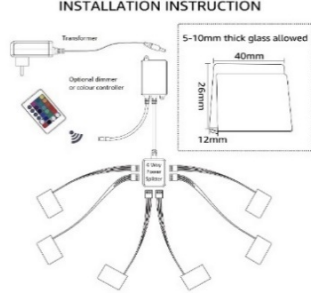
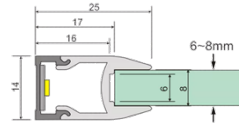
Product Codes	CAB-DH2 CAB-DH30 CAB-DH1-DISP CAB-PROX-6cw	
Product Differentiation	DH2 = Cabinet Hinge Light 2 Pack DH30 = Cabinet Hinge Light Box of 30 DH1-DISP = Hinge Light Display Unit PROX-6cw = Proximity Sensor Light (white)	
Operating Voltage	12v DC	
Power Consumption (w)	DH2 = 0.24w	
Ave Use Battery Life	DH2 = ~2 years PROX-6cw = ~1 year	
Chip Type	SMD 2835	
Colour Temperature	6000k CW	
Light Output (lumens)	DH2 = 18 lm PROX-6cw = 36 lm	
Rated LED Life (hours)	30000	
Beam Angle (degrees)	120°	
IP Rating	IP50	
Operating Temp	-10°- 60°C	
Max Humidity	85%	
Warranty (months)	12	
Certification	NRCS & RoHS	
Dimensions (L x B x H)	DH2 = 68 x 42 x 25mm (20g); DH30 = 230 x 111 x 90mm (689g)	
Materials	HIPS Casing, Alkaline Battery	
Applications	These obtuse beam angle cabinet lights are designed to automatically illuminate inside cupboards when the doors are opened by being fastened to the hinges. The CAB-PROX-6cw is also battery powered but a proximity triggered version of this light	
Limitations	The only requirement is that they are triggered by a door that must come into contact with the integrated touch contact (switch). The battery requires replacement once in a year or two, but being 12vDC, our cabinet light transformer will interchange perfectly	
Other Features	These cabinet lights appear to be dependent on specific hinges but prove just as effective when fastened directly to drawers, cabinet sides or shelves. They are easy and fast to install and a great added value service for cabinet installers at a fraction of the cost of alternatives. External power and rechargeable batteries can also be used	
Compatible Dimmers	Not dimmable	
Similar Products	Cabinet proximity light on (pg 7)	
Complementary Products	Cabinet Light Splitter (pg 6), 12v Transformers (pg 72)	
Customer Price	See Main Items Price List line 19, 20, 11 & 12 for pricing	
Customer Notes		



Cabinet Glass Shelf Lights

UAP

12v Cabinet Glass Shelf Light 8w Warm White

Product Codes	CAB-SHF8w-600ww CAB-SHF3	
Power Consumption (w)	SHF8w-600ww = 7.85w SHF3 = 1.5w	
Operating Voltage	12v DC	
Power Factor	1.00Pf	
Chip Type	60 x SMD 4014	
Colour Temperature	3000k WW 6000k CW	
Light Output (lumens)	SHF8w-600ww = 600 lm SHF3 = 120 lm	
Colour Rendering Index (CRI)	>80	
Beam Angle (degrees)	30°	
Dimming Range	Optional	
IP Rating	IP63	
Operating Temp	-10° - 60°C	
Max Humidity	90%	
Warranty (months)	12	
Certification	NRCS & RoHS	
Dimensions (L x B x H)	SHF8w-600ww = 600 x 18 x 11mm (118g); SHF3 = 40 x 30 x 11mm (15g)	
Materials	SHF8w-600ww = Anodised Aluminium Casing, Aluminium Cooler, Polypropylene Lens SHF3 = Chromed Steel Casing, and Cooler	
Applications	These narrow beam angle cabinet lights are specifically for glass shelf edges in cabinets, floating shelves or other glass edges like steps. These lights are suitable in bathrooms, bedrooms, kitchens, living areas, offices and shops and mostly for decorative, mood and specialised applications	
Limitations	These cabinet lights require a 12v power supply and an on/off switch or isolated dimmer. They are not waterproof and cannot be used in very wet environments without possible failure like shower or fridge shelves etc	
Other Features	These models come with a 2m cable and plug for our modular power splitter model TRF-DC12CV15+S. The long length models can be cut to size at increments of 5cm	
Compatible Dimmers	No dimmers specified yet	
Similar Products	Strip Lights (pg 82, 83 & 84), Aluminium Profiles (pg 73)	
Complementary Products	Cabinet Light Splitter (pg 6), 12v Transformers (pg 72)	
Customer Price	#N/A	
Customer Notes		



C35 Candle Light 3w Silver Edition

EOR

Candle Light 3w 3 prong Clear Glass Cool and Warm White

Product Codes	B22cs-3w6cw B22cs-3w6ww E14cs-3w6cw E27cs-3w6ww
Lamp cap	B22 & E14 & E27
Power Consumption (w)	2.5w
Operating voltage	85-265v
Power Factor	0.50Pf
Chip Type & Count	6 x SMD 5630
Colour temperature	6000k CW 2700k WW
Light output (lumens)	220 lm (cw) / 200 lm (ww)
Rated LED life (hours)	25000
Colour rendering index (CRI)	>70
Beam angle (degrees)	330°
Dimming Range	Non-dimmable
IP Rating	IP40
Operating Temp	-10° - 60°C
Max Humidity	85%
Replaces : Incandescent	25w
Replaces : Halogen	22w
Replaces : CFL	7w
Warranty (months)	24
Certification	NRCS & RoHS
Dimensions (L x B x H)	B22 = 110 x 35 x 35mm (32g); E14 = 119 x 35 x 35mm (32g); E27 = 111 x 35 x 35mm (32g)

Materials Aluminium Casing, Aluminium Cooler, Clear Glass Lens

Applications These wide reflex beam angle candle lights are suitable for chandeliers, confined and bulkhead fittings. These lights are fine in bedrooms, living areas and hospitals, in decorative, mood and functional applications where excessive moisture isn't present

Limitations These candle lights are suitable for all ceiling heights only when fitted in a chandelier. They are not available in wattages above 6w in this shape and size

Other Features Their small size makes them suitable for garage door motor lights or other limited space fittings and environments that do not get too hot or moist. These globes are exceptionally attractive when lit up and look especially good in crystal chandeliers

Similar Products A dimmable version of this globe is available (pg 1)

Complementary Products Higher wattage and brighter candles (pg 11 & pg 13)

Customer Price See Main Items Price List line 8, 9, 47 & 56 for pricing

Customer Notes





C35 Candle Light 4w

SOH

Candle Light 4w Clear Filament Cool and Warm White

Product Codes	B22c-4w4cw B22c-4w4ww E14c-4w4ww E27c-4w4cw E27c-4w4ww
Lamp cap	B22 & E14 & E27
Power Consumption (w)	3.8w
Operating voltage	85-265v
Power Factor	0.60Pf
Chip Type & Count	4 x Filament
Colour temperature	6000k CW 2700k WW
Light output (lumens)	400 lm (cw) / 375 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	345°
Dimming Range	Non-dimmable
IP Rating	IP62
Operating Temp	-10°- 60°C
Max Humidity	90%
Replaces :	Incandescent 40w Halogen 35w CFL 12w
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	B22 = 94 x 35 x 35mm (19g); E14 = 87 x 35 x 35mm (17g); E27 = 88 x 35 x 35mm (16g)
Materials	Nickle Coated Copper Casing, Glass Vacuum Cooler, Clear Glass Lens
Applications	These wide reflex beam angle candle lights are perfect in chandeliers, confined and bulkhead fittings. These lights are suitable for bathrooms, bedrooms and living areas and no problem in coastal and extreme environments
Limitations	These candle lights are suitable for all ceiling heights only when fitted in a chandelier. They are not available in wattages above 6w in this shape and size
Other Features	Theses globes are fine in damp environments where the base connection is water resistant. Their high heat tolerance and small size makes them suitable for extractor and garage door motor lights. Filament LED's are reliable and have high lumen/watt
Compatible Dimmers	Not dimmable
Similar Products	A dimmable version of this globe is available (pg 12)
Complementary Products	For higher wattage candles, see (pg 13), 2w also available on request
Customer Price	See EOR & Components Price List line 5, 6, 45, 53 & 54 for pricing
Customer Notes	




ecoLED

C35 Candle Light 4w Dimmable

SQA

Candle Light 4w Clear Filament Warm White Dimmable

Product Codes	B22c-4w4wwD E14c-4w4wwD E27c-4w4wwD	
Lamp cap	B22 & E14 & E27	
Power Consumption (w)	4.2w	
Operating voltage	85-265v	
Power Factor	0.90Pf	
Chip Type & Count	4 x Filament	
Colour temperature	2700k WW	  
Light output (lumens)	410 lm	
Rated LED life (hours)	30000	
Colour rendering index (CRI)	>80	
Beam angle (degrees)	345°	
Dimming Range	92%	
IP Rating	IP62	
Operating Temp	-10°- 60°C	
Max Humidity	90%	
Replaces :	Incandescent 40w Halogen 35w CFL 12w	
Warranty (months)	24	
Certification	NRCS & RoHS	
Dimensions (L x B x H)	B22 = 94 x 35 x 35mm (19g) E14 = 87 x 35 x 35mm (17g) E27 = 88 x 35 x 35mm (21g)	
Materials	Nickle Coated Copper Casing, Glass Vacuum Cooler, Clear Glass Lens	
Applications	These dimmable, wide reflex beam angle candle lights are perfect in chandeliers, confined and bulkhead fittings. These lights are suitable for bathrooms, bedrooms and living areas and no problem in coastal and extreme environments	
Limitations	These candle lights are suitable for all ceiling heights when fitted in chandeliers. A terminating switch, terminating dimmer (DIMRDROL-120) or Bleed Resistor (DIMRD-EBR) is required to terminate all light when dimming only a few globes in a circuit	
Other Features	Theses globes are fine in damp environments where the base connection is water resistant. Their high heat tolerance and small size makes them suitable for extractor and garage door motor lights. Filament LED's are reliable and have high lumen/watt	
Compatible Dimmers	DIMRDROL-120, DIMRDBPT-350, DIMSMBPL-500	
Similar Products	A non-dimmable version of this globe is available (pg 11)	
Complementary Products	Higher wattage candles (pg 13), lower wattage candles (pg 0)	
Customer Price	See Main Items Price List line 7, 46 & 55 for pricing	
Customer Notes		

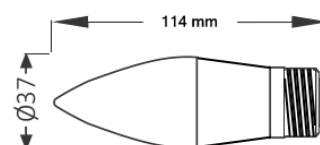
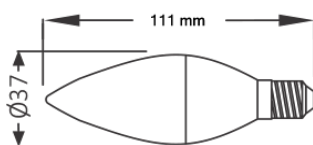


C37 Candle Light 7w Silver Edition

SOH

Candle Light 7w Milky Lens Cool White SE

Product Codes	E14cs-7w14cw E14cs-7w14ww E27cs-7w14cw E27cs-7w14ww
Lamp cap	E14 & E27
Power Consumption (w)	6.7w
Operating voltage	85-265v
Power Factor	0.53Pf
Chip Type & Count	14 x SMD 2835
Colour temperature	6000k CW 2700k WW
Light output (lumens)	500 lm (cw) / 480 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	315°
Dimming Range	Non-dimmable
IP Rating	IP62
Operating Temp	-10° - 60°C
Max Humidity	90%
Replaces :	Incandescent 55w Halogen 50w CFL 18w
Warranty (months)	12
Certification	CE & RoHS
Dimensions (L x B x H)	E14 = 111 x 37 x 37mm (44g); E27 = 114 x 37 x 37mm (52g)
Materials	Polymer Coated Aluminium Casing, Aluminium Cooler, Frosted Glass Lens
Applications	These wide reflex beam angle candle lights are ideal for medium height ceilings, in chandeliers, confined and even in small bulkhead fittings. These lights fit many fittings found in bathrooms, bedrooms and living areas ; most commonly for decorative, mood and functional applications, even if moisture is present
Limitations	These candle lights are not available in wattages above 7w in this shape and size. They get quite warm and therefore require reasonable ventilation to maintain longevity
Other Features	These candles' high brightness and compact design makes them suitable for oven extractors, garage door motors, room centre ceiling fans or anywhere where only one or a few lights have to brighten a large area from a small or confined fitting
Compatible Dimmers	Not dimmable
Similar Products	A dimmable alternative is available (pg 12)
Complementary Products	For lower wattage candles, see (pg 11) or 7w A60 bulbs (pg 45)
Customer Price	See EOR & Components Price List line 48, 49, 57 & 58 for pricing
Customer Notes	



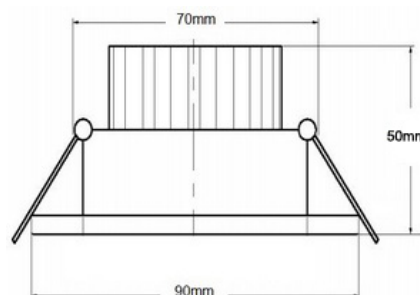

ecoLED

COB Ceiling Light 8w

EOR

Recessed COB Ceiling Light 8w 30° & 100° White Swivel Frame Cool and Warm White

Product Codes	CLR-8w90-100cw CLR-8w90-100ww CLR-8w90-30ww
Lamp cap	Recessed
Power Consumption (w)	8.5w
Operating voltage	85-265v
Power Factor	0.58Pf
Chip Type & Count	1 x COB
Colour temperature	6000k CW 3000k WW
Light output (lumens)	700 lm (cw) / 650 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	30° & 100°
Dimming Range	Non-dimmable
IP Rating	IP63
Operating Temp	-10° - 60°C
Max Humidity	90%
Replaces :	Incandescent 57w Halogen 65w CFL 25w
Warranty (months)	12
Certification	CE & RoHS
Dimensions (L x B x H)	100cw = 90 x 90 x 50mm (127g); 30ww = 90 x 90 x 50mm (127g)
Materials	TCP (Polymer) Casing, Internal Aluminium Cooler, Polycarbonate Lens
Applications	These obtuse beam angle recessed ceiling lights are versatile in low or high ceilings, over counters and as internal flood lights. These lights are excellent in bathrooms, bedrooms, kitchens, living areas, double volume rooms, offices, shops, showrooms and hospitals. They particularly excel in coastal, food-safety, humid & medical applications
Limitations	These ceiling lights are not available in wattages above 8w in this shape and size
Other Features	They are splash resistant, so perfect for wet environments. The frame is white, paintable, non-conductive and rustproof. The light can be swivelled 30 degrees off its vertical axis in any direction using the integrated swivel joint in order to aim the light where desired. They also make great feature lights for displays and artwork
Compatible Dimmers	Not dimmable
Similar Products	GU10 7w downlights (pg 28) with downlight fittings (pg 29)
Complementary Products	For higher wattage ceiling lights see (pg 15) or surface ceiling lights (pg 16)
Customer Price	See Main Items Price List line 20, 26 & 27 for pricing
Customer Notes	



CLR8



ecoLED

COB Ceiling Lights (Large)

SPO

Recessed COB Ceiling Lights Cool and Warm White

Product Codes	CLR-30w190-160cw CLR-40w226-210ww CLRS-24w190-160ww	
Lamp cap	Recessed	
Power Consumption (w)	CLR-30 = 29.65w CLR-40 = 40w CLRS-24 = 24w	
Operating voltage	100-250v	
Power Factor	0.61Pf	
Chip Type & Count	60 x SMD	
Colour temperature	6000k CW 3000k WW	
Light output (lumens)	CLR-30 = 2500 lm CLR-40 = 3400 lm CLRS-24 = 2000 lm	
Rated LED life (hours)	30000	
Colour rendering index (CRI)	>80	
Beam angle (degrees)	45°	
Dimming Range	Non-dimmable	
IP Rating	IP50	
Operating Temp	-10°- 60°C	
Max Humidity	85%	
Replaces	: Incandescent 250w : Halogen 200w : CFL 80w	
Warranty (months)	12	
Certification	CE & RoHS	
Dimensions (L x B x H)	CLR-30 = 190 x 190 x 60mm (278g); CLRS-24 = 190 x 190 x 160mm (1300g)	
Materials	Diecast Aluminium Casing, and Cooler, Aluminium Reflector, Tempered Glass Lens	
Applications	These medium beam angle recessed ceiling lights are specifically good for high ceilings illuminating bulkhead fittings and as spotlights for commercial use. These lights are designed for double volume rooms, offices, shops, showrooms, workshops and hospitals and suitable in decorative, work, specialised and functional applications	
Limitations	These ceiling lights are availabe by special order only	
Other Features	The frames are powder coated aluminium and rustproof. The light can be swivelled 30 degrees off its vertical access in any direction using the integrated swivel joint in order to aim the light where desired	
Similar Products	Recessed Ceiling Lights (pg 14)	
Complementary Products	Recessed Ceiling Panels (pg 54 & 55), Square Panels (pg 57)	
Customer Price	See EOR & Components Price List line 16 & 22 for pricing	
Customer Notes		




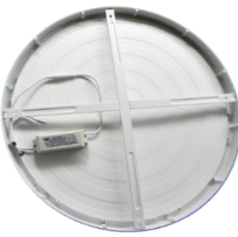
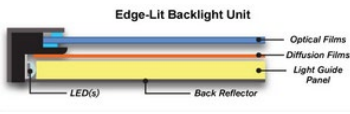
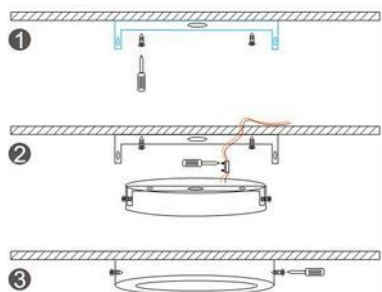
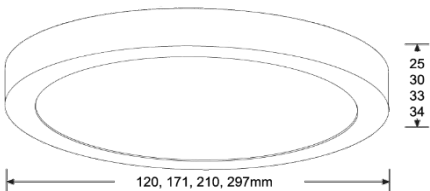
CLR.LG



Round Surface Mount Ceiling Panels

SQL

Round Bulkhead/Ceiling Panel Light 6w to 24w Cool and Warm White

Product Codes	CLSRs-6w120cw CLSRs-12w175aw CLSRs-18w225cw CLSRs-24w300ww CLSRs-6 = 6w CLSRs-12 = 12.1 w CLSRs-18 = 17.7w CLSRs-24 = 24.9w	
Power Consumption (w)		
Operating Voltage	85-265v	
Power Factor	0.50Pf	
Chip Type	SMD 2835	
Colour Temperature	6000k CW 3000k WW	
Light Output (lumens)	CLSRs-6 = 400 lm CLSRs-12 = 800 lm CLSRs-18 = 1200 lm CLSRs-24 = 1600 lm	
Rated LED Life (hours)	25000	
Colour Rendering Index (CRI)	>70	
Beam Angle (degrees)	120°	
IP Rating	IP50	
Operating Temp	-10°- 60°C	
Max Humidity	85%	
Warranty (months)	12	
Certification	CE, IEC, NRCS & RoHS	
Dimensions (L x B x H)	CLSRs-6 = 120 x 120 x 25mm (158g); CLSRs-18 = 210 x 210 x 30mm (422g);	CLSRs-12 = 171 x 171 x 33mm (272g); CLSRs-24 = 297 x 297 x 34mm (675g)
Materials	Powdercoated Steel Casing, Aluminium Cooler, Frosted Polycarbonate Lens	
Applications	These obtuse beam angle ceiling lights are practical on low to medium height ceilings, over counters and as bulkhead fittings. These lights are suitable for bathrooms, bedrooms, kitchens, living areas and great in offices, shops and especially in passages. They are easy to install as decorative, mood, work or other functional lights	
Limitations	Although we only stock 4 sizes and wattages, a 600mm light is available on special order subject to MOQ. Highly corrosive environments may effect their longevity	
Other Features	They are available in cool, neutral and warm white but less stock is kept of the unpopular colours. Panels that cycle between these three colours just using the light switch are available on special order. Come see them in action in our showrooms	
Compatible Dimmers	Dimmable Ceiling Panels available on special order	
Similar Products	Protruding Panel Lights (pg 50)	
Complementary Products	Recessed Round Panels (pg 52 to 55), Drop Ceiling Panels (pg 57)	
Customer Price	See EOR & Components Price List line 31, 28 & 30 for pricing	
Customer Notes		



ecoLED

Insect Killer Light

SOH

B22 & E27 Mosquito Killer Light Cool White



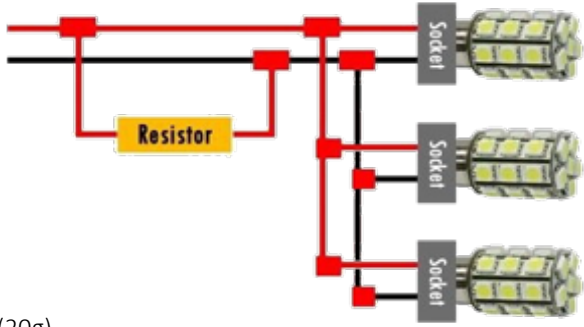
Product Codes	B22mos-20w42cw E27mos-15w32cw E27mos-20w42cw
Lamp cap	B22 & E27
Power Consumption (w)	20w42cw = 18.5w 15w32cw = 14w
Operating voltage	85-265v
Power Factor	0.55Pf
Chip Type	SMD 2835
Colour temperature	7200k CW
Light output (lumens)	20w42cw = 1400 lm 15w32cw = 1000 lm
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	140°
Dimming Range	Non-dimmable
IP Rating	IP20
Operating Temp	-10° - 60°C
Max Humidity	85%
Replaces	: Incandescent 150w : Halogen : CFL 60w
Warranty (months)	6
Certification	NRCS & RoHS
Dimensions (L x B x H)	20w42cw = 160 x 90 x 90mm (150g); 15w32cw = 145 x 80 x 80mm (140g)
Materials	Polymer Casing, Aluminium Cooler, Polycarbonate Lens, Aluminium EDU
Applications	These exceptionally bright multifunctional globes are great for almost any ceiling height above arms length as their integrated insect electrocutor is best kept out of reach.
Limitations	These combo lights are not suitable for closed fittings nor open fittings that have less than 100mm globe diameter clearance. They are not water resistant and quite large, see dimensions above
Other Features	These globes have three modes viz. light and insect killer on, insect killer on only and both off. You can cycle through the modes using your connected light switch. The integrated UV lights (365nm) attract flying insects to the built in ~2500v electrocutor that terminates and funnels the insects out through the bottom of the globes, minimising the need to clean them
Similar Products	This is a very unique product and is available in 15w and 20w only
Complementary Products	Similar brightness corn lights (pg 69)
Customer Price	See Main Items Price List line 13, 72 & 73 for pricing
Customer Notes	



Mosquito



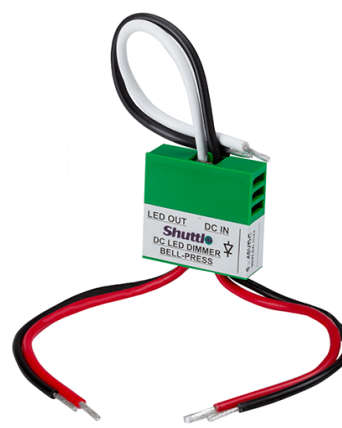




Bleed Resistors and other dimming components

Product Codes	DIMRD-EBR1 DIMRD-BRST	 
Compatible with	All supplied dimmers	
Product Differentiation	IMRD-EBR1 = Electronic Ble IMRD-BRST = Bleed Resistor R&D L/T Edg	
Operating Voltage	180-240v	
Load Limit	IMRD-EBR1 = Min 7w - Max 120w IMRD-BRST = Min 7w - Max 500w	
Power Consumption	Negligible	
Connection Method	Parallel	
Rated LED Life (hours)	30000	
IP Rating	IP63	
Operating Temp	-10°- 60°C	
Max Humidity	90%	
Warranty (months)	12	
Certification	EMC & RoHS	
Dimensions (L x B x H)	IMRD-EBR1 = 25 x 18 x 8mm (20g) IMRD-BRST = 45 x 30 x 27mm (36g)	
Materials	IMRD-EBR1 = Polymer Casing, Aluminium Cooler IMRD-BRST = Aluminium Casing, Aluminium Cooler	
Applications	These bleed resistors are specifically designed for use with dimmable LED's. They improve dimming smoothness and facilitate complete shut off on dimmable LED's not sufficiently doing this. All the above models fit into standard 2 x 2 or 4 x 2 switch boxes	
Limitations	These components are locally manufactured and come with a manufacturer's warranty. The bleed resistors are not suitable for use with magnetic or toroidal transformers. They do not fix all dimming or incompatibility problems The electronic bleed resistor does not get as hot and takes up less space than its counterpart but handles less globes. These resistors can also be used in circuits to control the automatic activation of emergency lighting. Wiring diagrams available if needed	
Other Features		
Compatible Lights	All ecoLED dimmable globes are compatible with these bleed resistors	
Similar Products	Please ask your rep for advice on these and other similar components	
Complementary Products	Trailing Edge Dimmers (pg 21), Leading Edge Dimmers (pg 20), GU10 Dimables (pg 23)	
Customer Price	See Main Items Price List line 39 & 24 for pricing	
Customer Notes		



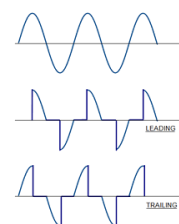
12v DC Dimmers for G4's, MR16's or strip lights

Product Codes	DIMCRODC-12v8A DIMCREM-12v8A DIMSMBP-DC-125 SLCs-DIM-REM		
Dimming Type	Triac Dimming		
Product Differentiation	RODC-12v8A = Rotary 8A CREM-12v8A = Inline DC with remote SMBP-DC-125 = DC bell-press module SLCs-DIM-REM = Inline strip light remote dimmer		
Operating Voltage	12v DC		
Dimmer Load Limit	RODC-12v8A = Min 7w - Max 96w CREM-12v8A = Min 7w - Max SMBP-DC-125 = Min 7w - Max 500w SLCs-DIM-REM = Min 7w - Max 500w		
Power Consumption	Negligible		
Dimmer Configuration	RODC-12v8A = DC in/out terminal CREM-12v8A = DC in/DC out terminals SMBP-DC-125 = 6 Wire SLCs-DIM-REM = 2 Wire		
Rated Life (hours)	10000		
IP Rating	IP20		
Operating Temp	-10°- 60°C		
Max Humidity	85%		
Warranty (months)	0.2		
Certification	CE & RoHS		
Dimensions (L x B x H)	RODC-12v8A = 89 x 60 x 56mm (67g)		
Materials	RODC-12v8A = Insulated Polymer Wrap Casing, Aluminium Cooler CREM-12v8A = HIPS Casing SMBP-DC-125 = Aluminium Casing, Aluminium Cooler		
Applications	These dimmers are specifically designed for use with Triac Dimming dimmable LED's. There are rotary or bell press options. All the above models fit into standard 4 x 2 switch boxe and the DIMSMBP-DC-125 model works with any bell press switch		
Limitations	These dimmers only come with a manufacturers warranty. Dimmers and transformers can easily be overloaded and fail, please read adhere to maximum limits and follow manufacturers installation guidelines and limitations carefully		
Other Features	The bell press dimmers can be configured to operate on two-way switching. A dimmer compatibility list for all ecoLED dimmable LED's is available. Staff can also advise which dimmer is most suitable for which ecoLED globe. Please feel free to enquire.		
Compatible Lights	Strip Light, Cabinet Lights, G4 and MR16 globes		
Similar Products	Strip Lights Controllers (pg 87)		
Complementary Products	Trailing Edge Dimmers (pg 21), Leading Edge Dimmers (pg 20), 12v Transformers (pg 72)		
Customer Price	See Main Items Price List line 34 & 33 for pricing		
Customer Notes			







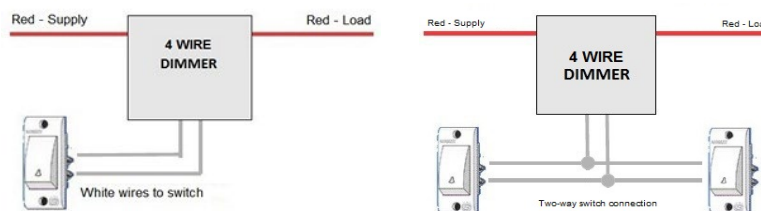
Leading Edge Dimmers

SOH



Rotary & Bell Press Leading Edge Dimmers

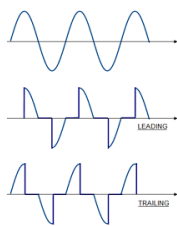
Product Codes	DIMRDROL-120 DIMRDBPL-240 DIMSMBPL-125 DIMSMBPL-500		
PWM Type	Leading Edge		
Product Differentiation	RDROL-120 = Rotary IC RDBPL-240 = Bell Press IC SMBPL-125 = Bell Press Mosfet SMBPL-500 = Bell Press Mosfet		
Operating Voltage	180-240v		
Dimmer Load Limit	RDROL-120 = Min 7w - Max 120w RDBPL-240 = Min 7w - Max 240w SMBPL-125 = Min 7w - Max 125w SMBPL-500 = Min 7w - Max 500w		
Power Consumption	Negligible		
Dimmer Configuration	RDROL-120 = 2 Wire RDBPL-240 = 4 Wire SMBPL-125 = 4 Wire SMBPL-500 = 5 Wire		
Rated LED Life (hours)	30000		
IP Rating	IP30		
Operating Temp	-10°- 60°C		
Max Humidity	85%		
Warranty (months)	12		
Certification	RoHS		
Dimensions (L x B x H)	RDROL-120 = 60 x 30 x 28mm (27g); SMBPL-125 = 35 x 35 x 12mm (32g);	RDBPL-240 = 45 x 35 x 21mm (41g); SMBPL-500 = 43 x 42 x 14mm (34g)	
Materials	RDROL-120 = Insulated Polymer Wrap Casing, Aluminium Cooler SMBPL-125 = Polymer Casing, Aluminium Cooler SMBPL-500 = Aluminium Casing, Aluminium Cooler		
Applications	These dimmers are specifically designed for use with leading edge dimmable LED's. They are available in a rotary or bell press modules. All the above models fit into standard 2 x 2 or 4 x 2 switch boxes and the BP models work with any bell press switch		
Limitations	These dimmers are all locally manufactured and come with a manufacturers warranty. The Mosfet dimmers are not suitable for use with magnetic or toroidal transformers but offer the best dimming range and smoothness on most of our LED's		
Other Features	The bell press dimmers can be configured to operate on two-way switching. A dimmer compatibility list for all ecoLED dimmable LED's is available. Staff can also advise which dimmer is most suitable for which ecoLED globe. Please feel free to enquire.		
Compatible Lights	Compatible dimmer codes appear at the bottom of each dimmable globe's datasheet		
Similar Products	Trailing Edge Dimmers (pg 82)		
Complementary Products	12v Dimmers (pg 86), 12v Transformers (pg 72), Bleed Resistors (pg 18)		
Customer Price	See Main Items Price List line 40, 37, 41 & 42 for pricing		
Customer Notes			





Trailing Edge Dimmers

SOH



Rotary & Bell Press Trailing Edge Dimmers

Product Codes	DIMRDBPT-350 DIMSMBPT-125 DIMSMBPT-500 DIMSMROT-500
PWM Type	Trailing Edge
Product Differentiation	RDBPT-350 = Bell Press Mosfet SMBPT-125 = Bell Press Mosfet (mini) SMBPT-500 = Bell Press Mosfet SMROT-500 = Rotary Mosfet
Operating Voltage	180-240v
Dimmer Load Limit	RDBPT-350 = Min 7w - Max 350w SMBPT-125 = Min 7w - Max 125w SMBPT-500 = Min 7w - Max 500w SMROT-500 = Min 7w - Max 500w
Power Consumption	Negligible
Dimmer Configuration	RDBPT-350 = 4 Wire SMBPT-125 = 4 Wire SMBPT-500 = 4 Wire SMROT-500 = 2 Wire
Rated LED Life (hours)	30000
IP Rating	IP30
Operating Temp	-10°- 60°C
Max Humidity	85%
Warranty (months)	12
Certification	RoHS
Dimensions (L x B x H)	RDBPT-350 = 41 x 37 x 19mm (29g); SMBPT-125 = 35 x 35 x 12mm (17g)
Materials	RDBPT-350 = Insulated Polymer Wrap Casing, Aluminium Cooler SMBPT-125 = Polymer Casing, Aluminium Cooler SMBPT-500 = Aluminium Casing, Aluminium Cooler
Applications	These dimmers are specifically designed for use with Trailing Edge dimmable LED's. They are available in a rotary or bell press modules. All the above models fit into standard 2 x 2 or 4 x 2 switch boxes and the BP models work with any bell press switch
Limitations	These dimmers are all locally manufactured and come with a manufacturers warranty. The Mosfet dimmers are not suitable for use with magnetic or toroidal transformers but offer the best dimming range and smoothness on most of our LED's
Other Features	The bell press dimmers can be configured to operate on two-way switching. A dimmer compatibility list for all ecoLED dimmable LED's is available. Staff can also advise which dimmer is most suitable for which ecoLED globe. Please feel free to enquire.
Compatible Lights	Compatible dimmer codes appear at the bottom of each dimmable globe's datasheet
Similar Products	Leading Edge Dimmers (pg 20)
Complementary Products	12v Dimmers (pg 86), 12v Transformers (pg 72), Bleed Resistors (pg 18)
Customer Price	See Main Items Price List line 38, 43, 25 & 26 for pricing
Customer Notes	

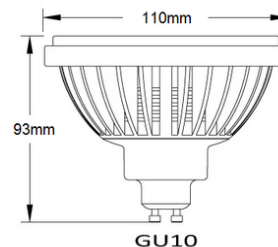
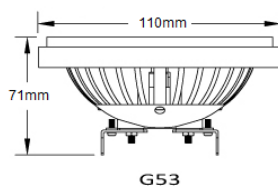


AR111 Down Light 13w

EOR

AR111 Down Light 13w COB Open Reflector (GU10) WW (opt dim)

Product Codes	AR111-14w2ww AR111-14w2cw
Lamp cap	AR111
Power Consumption (w)	13.2w
Operating voltage	12v AC
Power Factor	0.84Pf
Chip Type & Count	2 x COB
Colour temperature	2900k WW 6000k CW
Light output (lumens)	960 lm (cw) / 960 lm (ww)
Rated LED life (hours)	50000
Colour rendering index (CRI)	>75
Beam angle (degrees)	45°
Dimming Range	Optional
IP Rating	IP30
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces :	Incandescent 100w Halogen 80w CFL
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	G53 = 110 x 110 x 71 ; GU10 = 110 x 110 x 93mm (265g)
Materials	Polymer Casing, Diecast Aluminium Cooler, Aluminium Reflector, No Lens
Applications	These medium beam angle Ceiling lights are specifically for medium to high ceilings, high above counters, but mostly as spotlights for shops. These lights are often seen in double volume rooms, grocery shops, showrooms, workshops and sometimes hospitals and regularly used in food-safety and medical environments
Limitations	These down lights are not recommended for ceilings below 3m. They are not compatible with current dimmers. They are not suitable for moist or outdoor environments.
Other Features	These globes are available with 3 base options. They are designed to replace a standard AR111 G5.3 fitting with the added advantage of being used without transformers when using the GU10 or E27 base version.
Compatible Dimmers	Dimmables available on request
Similar Products	12v and 230v versions are available. These are similar in size to PAR 38 globes (pg 65)
Complementary Products	GU10 and E27 Lamp holders, image of these on (pg 29)
Customer Price	See EOR & Components Price List line 5 for pricing
Customer Notes	



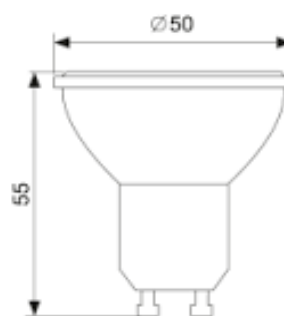


Down Light 6.7w Dimmable

SOH

GU10 Down Light 6.7w DOB SMD Cool & Warm White Dimmable Silver Edition

Product Codes	GU10s-4w6cwD GU10s-4w6wwD
Lamp cap	GU10
Power Consumption (w)	6.7w
Operating voltage	200-240v
Power Factor	0.95Pf
Chip Type & Count	6 x SMD 2835
Colour temperature	6400k CW 3000k WW
Light output (lumens)	425 lm (cw) / 400 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	60°
Dimming Range	90%
IP Rating	IP60
Operating Temp	-10°- 60°C
Max Humidity	90%
Replaces	: Halogen 42w : CFL
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	55 x 50 x 50mm (27g)
Materials	PBT Thermoplastic Casing, Aluminium Cooler, Polycarbonate Lens
Applications	These medium beam angle down lights are ideal for low to medium height ceilings, over counters, in cabinets or track lights. These lights work well in bathrooms, bedrooms, kitchens, living areas and offices. They are mostly used as decorative, mood, work or functional lighting yet suitable for coastal, food-safety or humid environments
Limitations	These down lights are not recommended for ceilings above 4m or two way switching without dimmers. Bleed resistors may be required for some dimmers when dimming only a few lights on one circuit. They are not suitable for improperly ventilated fittings.
Other Features	The reduced length base allows these cost effective versatile globes to be used in standard GU10 halogen fittings and other restricted length environments without fitting adjustment or modification. They incorporate a diffuser lens to reduce glare beyond their designed beam angle
Compatible Dimmers	DIMRDBPT-350, DIMSMBPT-500, DIMSMBPT-125
Similar Products	A 12v version of this globe is available (pg 30)
Complementary Products	Downlight fittings (page29), lamp holders (page29)
Customer Price	See EOR & Components Price List line 109 & 110 for pricing
Customer Notes	



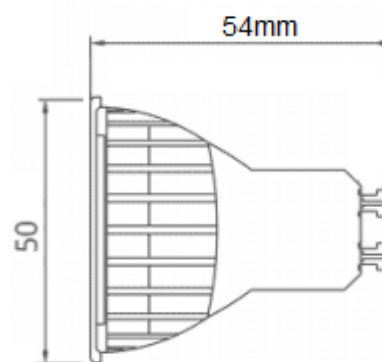

ecoLED

GU10 Down Light 4.5w Silver Edition

SOH

GU10 Down Light 4.7w - Warm White in Stock ONLY

Product Codes	GU10s-4.5w8ww
Lamp cap	GU10
Power Consumption (w)	4.7w
Operating voltage	100-240v
Power Factor	0.61Pf
Chip Type & Count	8 x SMD 2835
Colour temperature	2950k WW
Light output (lumens)	330 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	90°
Dimming Range	Non-dimmable
IP Rating	IP40
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces : Incandescent	
: Halogen	42w
Warranty (months)	24
Certification	NRCS & RoHS
Dimensions (L x B x H)	49.8 x 49.8 x 54mm (41g)
Materials	PBT Thermoplastic Casing, Aluminium Cooler, Aluminium Reflector, Polycarb Diffuser Len
Applications	These medium beam angle down lights are great for medium height ceilings, over counters, inside cabinets, as spotlights or track lights. These lights give halogen like light in bedrooms, kitchens, living areas and offices. They are perfect for decorative, mood and functional applications even in coastal, food-safety and medical environments
Limitations	These down lights are not recommended for ceilings above 4m or light spacing greater than 2.5m. They require good ventilation and therefore not recommended inside up/down lights or unvented ceiling cavities
Other Features	The reduced length base allows these cost effective versatile globe to be used in standard GU10 halogen fittings and other restricted length environments without fitting adjustment or modification. The chips and reflector have been carefully selected to most closely replicate the light of a conventional halogen down light
Compatible Dimmers	Not dimmable
Similar Products	A 12v version of this globe is available (pg 30)
Complementary Products	Downlight fittings (page29), lamp holders (page29)
Customer Price	See Main Items Price List line 108 for pricing
Customer Notes	



GU10s4.5w8



GU10 Down Light 5w Platinum Range Dimmable

EOR

GU10 Down Light 5w COB Cool White Dimmable

Product Codes	GU10-5w1cwD
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Lamp cap	GU10
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Power Consumption (w)	5.0w
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Operating voltage	85-265v
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Power Factor	0.70Pf
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Chip Type & Count	1 x 5w COB
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Colour temperature	5500k NW
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Light output (lumens)	400 lm (cw)
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Rated LED life (hours)	50000
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Colour rendering index (CRI)	>80
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Beam angle (degrees)	60°
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Dimming Range	99%
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IP Rating	IP30
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Operating Temp	-10°- 60°C
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Max Humidity	85%
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Replaces	: Halogen 42w : CFL
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Warranty (months)	6
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Certification	CE, NRCS & RoHS
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Dimensions (L x B x H)	49.8 x 49.8 x 60.5mm (54g)
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Materials	PBT Thermoplastic Casing, Diecast Aluminium Cooler, Aluminium Reflector, Glass Lens
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Applications	These medium beam angle down lights dim superbly in medium height ceilings, over counters, in crystal chandeliers and as spotlights or track lights. These lights give clean sharp light in kitchens, living areas, offices and shops. They are perfect for mood, work and functional applications especially in coastal and medical environments
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Limitations	These down lights are not recommended for ceilings above 4.5m or light spacing greater than 2.5m. They require mild ventilation and therefore not recommended inside up/down lights or small unvented ceiling cavities
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Other Features	There is little to no glare from the minimal light spill past the designed beam angle of this globe. The chips and reflector have been carefully selected to most closely replicate natural daylight without the blue tint of "cool white" lights. They also dim over 99% to a fine glow before turning off completely without the need for a bleed resistor
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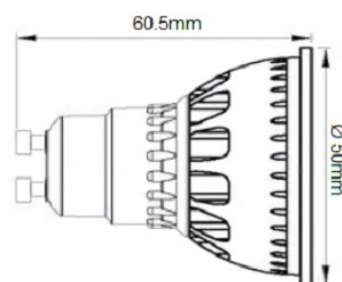
Compatible Dimmers	DIMRDBPL-240, DIMRDBPT-350
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Similar Products	A cheaper version dimmable globe is also available, see (page23)
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Complementary Products	Downlight fittings (page29), lamp holders (page29)
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Customer Price	See Main Items Price List line 103 for pricing
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Customer Notes	
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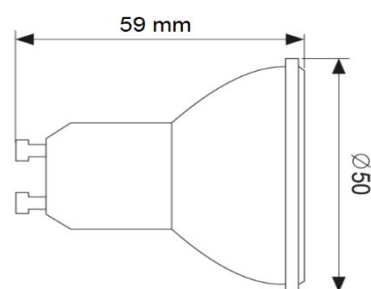


GU10 Down Light 5w Glow Rim

EOR

GU10 Down Light 5w 100° Glow Rim WW

Product Codes	GU10-5w14ww
Lamp cap	GU10
Power Consumption (w)	5.1w
Operating voltage	85-265v
Power Factor	0.54Pf
Chip Type & Count	14 x SMD 2835
Colour temperature	3000k WW
Light output (lumens)	400 (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	100°
Dimming Range	Non-dimmable
IP Rating	IP62
Operating Temp	-10°- 60°C
Max Humidity	90%
Replaces	: Halogen 42w : CFL
Warranty (months)	12
Certification	CE, NRCS & RoHS
Dimensions (L x B x H)	49.8 x 49.8 x 59+2mm (31g)
Materials	TCP (Polymer) Casing, Aluminium Cooler, Polycarbonate Lens
Applications	These obtuse beam angle down lights work well in low to medium height ceilings, over counters, inside cabinets & confined, as spotlights and look superb in track lights. These lights are perfect inside bathrooms, bedrooms and living areas and are highly praised as decorative and mood lights in coastal, humid and medical applications
Limitations	These down lights are not recommended for ceilings above 4m and not suitable for dimming
Other Features	The reduced length base allows these cost effective versatile globe to be used in standard GU10 halogen fittings and other restricted length environments without fitting adjustment or modification. A bleed resistor is not required when using this globe with two way switches.
Compatible Dimmers	Not dimmable
Similar Products	A cheaper alternative to this globe is available (pg 23)
Complementary Products	Downlight fittings (page29), lamp holders (page29)
Customer Price	See EOR & Components Price List line 102 for pricing
Customer Notes	



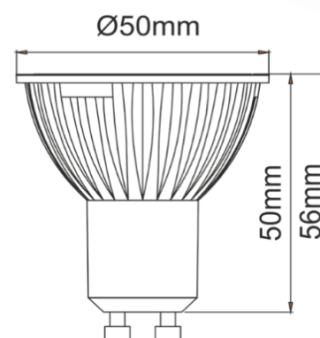


GU10 Down Light 6w Dimmable

SOH

GU10 Down Light 6w COB Cool and Warm White Dimmable

Product Codes	GU10-6w1cwD GU10-6w1wwD
Lamp Cap	GU10
Power Consumption (w)	5.7w
Operating Voltage	100-265v
Power Factor	0.53Pf
Chip Type & Count	1 x COB
Colour Temperature	6000k CW 3000k WW
Light Output (lumens)	560 lm (cw) / 540 lm (ww)
Rated LED Life (hours)	30000
Colour Rendering Index (CRI)	>80
Beam Angle (degrees)	60°
Dimming Range	90%
IP Rating	IP50
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces	: Halogen 50w : CFL
Warranty (months)	24
Certification	EMC, CE & RoHS
Dimensions (L x B x H)	53 x 50 x 50mm (39g)
Materials	PBT Thermoplastic Casing, TCP Covered Aluminium Cooler, Polycarbonate Diffuser Lens
Applications	These medium beam angle down lights are dimmable globes for medium to high ceilings, over counters, illuminating cabinets or in track lights. These lights work well in bedrooms, kitchens, living areas, double volume rooms and offices. They are mostly used as mood, work and functional lighting even in coastal or humid climates
Limitations	These down lights are not recommended for closed fittings or cavities that do not have reasonable ventilation. They are very bright and hence need fair cooling around the fitting as they do generate reasonable heat while in operation.
Other Features	The standard base length allows these versatile globes to be used in standard GU10 halogen fittings without requiring adjustment or modification. They also have anti-glare lenses to reduce light spill beyond their designed beam angle, making them great for areas where the occupants may tend to look toward the ceiling, like lounges and bedrooms. They have very smooth dimming with many dimmer models.
Compatible Dimmers	DIMSMBPT-125, DIMSMBPL-500, DIMRDBPT-350
Similar Products	A 12v version of this globe is available, see (pg 31)
Complementary Products	Downlight fittings (page29), lamp holders (page29)
Customer Price	See Main Items Price List line 104 & 105 for pricing
Customer Notes	



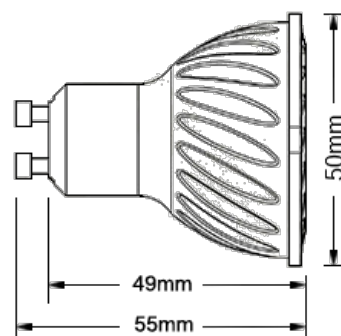


GU10 Down Light 6w

SOH










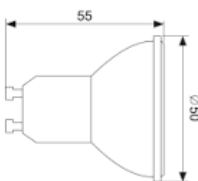

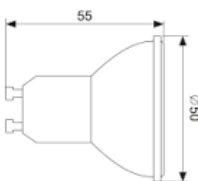

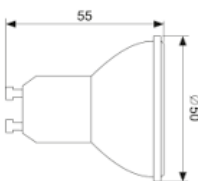


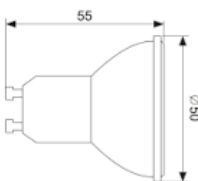
GU10 Down Light 6w COB Cool and Warm White

Product Codes	GU10-7w1cw GU10-7w1ww
Lamp cap	GU10
Power Consumption (w)	5.9w
Operating voltage	100-265v
Power Factor	0.55Pf
Chip Type & Count	1 x COB
Colour temperature	6000k CW 3000k WW
Light output (lumens)	620 lm (cw) / 560 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	60°
Dimming Range	Non-dimmable
IP Rating	IP50
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces	: Halogen 50w : CFL
Warranty (months)	24
Certification	EMC, CE & RoHS
Dimensions (L x B x H)	54 x 50 x 50mm (38g)
Materials	PBT Thermoplastic Casing, TCP Covered Aluminium Cooler, Polycarbonate Diffuser Lens
Applications	These medium beam angle down lights are best for medium to high ceilings, over counters, as spotlights or as track lights. These lights replicate 50w halogens well in bathrooms, bedrooms, kitchens, living areas, double volume rooms, offices and shops. They dominate in work and functional lighting and excel in coastal and humid climates
Limitations	These down lights are not recommended for closed fittings or cavities that do not have reasonable ventilation. They are very bright and hence need fair cooling around the fitting as they do generate resonable heat while in operation.
Other Features	The reduced length base allows these exceptionally bright globes to be used in standard GU10 halogen fittings and other restricted length environments without fitting adjustment or modification. Their well controlled beam angle makes them suitable for high ceilings without the glare caused by wide beam angle globes
Compatible Dimmers	Not dimmable
Similar Products	A 12v version of this globe is available (pg 31)
Complementary Products	Downlight fittings (pg 29), lamp holders (pg 29)
Customer Price	See Main Items Price List line 106 & 107 for pricing
Customer Notes	





MR16 & GU10 Downlight Fitting Plastic Swivel Gloss White

Product Codes	MR16-FIT-SW1 MR16-LMP-CON GU10-LMP-CON1	Swivel		Focussed	
For Lamp Types	MR16/GU10				
Max Power Suitability (w)	20.0w				
Globe Voltage Range	12v -230v				
Earth Requirement	none				
Globe Beam Angle Suitability	1° to 180°				
Colour	White Ceramic White				
Surface Finish	Gloss				
Rated LED life (hours)	50000				
Hole Cut Size	70 - 85mm				
Swivel range angle	90°				
Beam angle (adjustment)	3 positions				
IP Rating	IP69				
Operating Temp	-10°- 60°C				
Max Humidity	100%				
: LED	Yes				
Suitability : Halogen	No				
: CFL	Yes				
Warranty (months)	12				
Certification	NRCS & RoHS				
Dimensions (L x B x H)	MR16-FIT-SW1 = 90 x 90 x 28mm (46g); MR16-LMP-CON = 15 x 16.8 x 16.8mm (5g); GU10-LMP-CON1 = 200 x 27 x 27mm (15g)				
Materials	HIPS Casing, Stainless Steel Clips				
Applications	These down light fittings are ideal for any height cavity ceilings, over counters, inside cabinets and inside bathrooms or in coastal environments				
Limitations	These down light fittings require that the lights be fitted into the fitting prior to insertion into the ceiling. Lamp connectors for GU10 or MR16 are optional				
Other Features	These UV resistant down light fittings are stylish and durable and can be painted to match any ceiling colour if required. These versatile fittings can accommodate a GU10 or MR16 LED of any length or beam angle. They have the ability to control the beam angle from 25° to 120° using a 120° LED downlight. Correct mounting completely eliminates glare from wide beam angle lights. Available singly or value packs of 30				
Components Included	2 x Spring clips 1 x Beam adjustment ring				
Similar Products	An aluminium version of this fitting is available, see EOR Catalogue				
Complementary Products	GU10 Downlights (pg 23 to pg 28), lamp holders (pg 29)				
Customer Price	See EOR & Components Price List line 119, 121 & 98 for pricing				
Customer Notes					



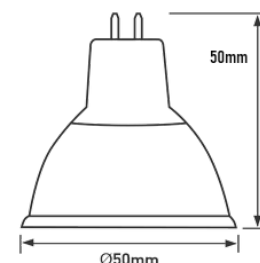


MR16 Down Light 4w Silver Edition

SOH

MR16 Down Light 4w DSMD Warm & Cool White

Product Codes	MR16s-4w6cw MR16s-4w6ww
Lamp cap	MR16
Power Consumption (w)	4.0w
Operating voltage	12v AC/DC
Power Factor	1.00Pf
Chip Type & Count	6 x DSMD 2835
Colour temperature	6000k CW 3100k WW
Light output (lumens)	350 lm (cw) / 358 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	60°
Dimming Range	Non-dimmable
IP Rating	IP30
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces : Incandescent	
Replaces : Halogen	30w
Replaces : CFL	
Warranty (months)	12
Certification	CE, NRCS & RoHS
Dimensions (L x B x H)	50 x 50 x 50mm (28g)
Materials	TCP (Polymer) Casing, Aluminium Cooler, Polycarb Diffuser Lens
Applications	These medium beam angle down lights are ideal for low to medium height ceilings, over counters, in cabinets or track lights. These lights work well in bathrooms, bedrooms, kitchens, living areas and offices. They are mostly used as decorative, mood, work or functional lighting yet suitable for coastal, food-safety or humid environments
Limitations	These down lights are not recommended for ceilings above 4m. They require 12v magnetic or LED compatible transformers to operate
Other Features	The short base allows these cost effective versatile globes to be used in standard MR16 halogen fittings and other restricted length environments without fitting adjustment or modification. They can run on both AC or DC supplies, including car batteries
Compatible Dimmers	Not dimmable
Similar Products	A 230v version of this globe is available, see (pg 23)
Complementary Products	Downlight fittings (page29), lamp holders (page29)
Customer Price	See EOR & Components Price List line 122 & 123 for pricing
Customer Notes	



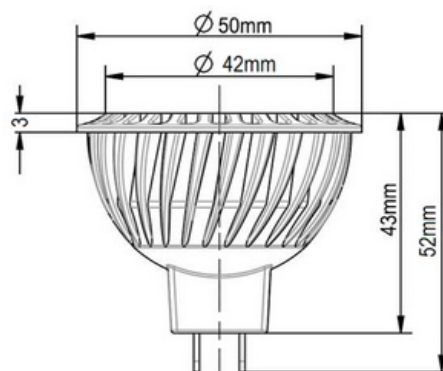


MR16 Down Light 7w Dimmable

SOH

MR16 Down Light 7w Cool & Warm White Dimmable

Product Codes	MR16-7w1cwD MR16-7w1wwD
Lamp cap	MR16
Power Consumption (w)	6.4w
Operating voltage	12v AC/DC
Power Factor	1.00Pf
Chip Type & Count	1 x COB
Colour temperature	6000k CW 3000k WW
Light output (lumens)	580 lm (cw) / 540 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	60°
Dimming Range	80%
IP Rating	IP30
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces	: Halogen 50w : CFL
Warranty (months)	24
Certification	NRCS, IES & RoHS
Dimensions (L x B x H)	54 x 50 x 50mm (35g)
Materials	HIPS Casing, TCP Covered Aluminium Cooler, Polycarbonate Diffuser Lens
Applications	These medium beam angle down lights are suitable for medium to high ceilings, over counters, outside cabinets or track lights. These lights work well in bathrooms, bedrooms, kitchens, living areas and offices. They are mostly used as decorative, mood, work or functional lighting yet suitable for coastal, food-safety or humid environments
Limitations	These down lights are not recommended for ceilings below 2m. In order to dim these globes a dimmable LED compatible transformer is required in conjunction with a compatible dimmer. They require less cavity space than GU10's
Other Features	The reduced length base allows these cost effective versatile globes to be used in standard MR16 halogen fittings and other restricted length environments without fitting adjustment or modification. The lens has a built in diffuser to reduce glare beyond its designed beam angle. They operate on AC/DC 12v so are suitable to be run on batteries or other 12vDC supply.
Compatible Dimmers	Please enquire about test results
Similar Products	A 230v version of this globe is available, see (pg 27)
Complementary Products	Downlight fittings (page29), lamp holders (page29)
Customer Price	See Main Items Price List line 117 & 118 for pricing
Customer Notes	





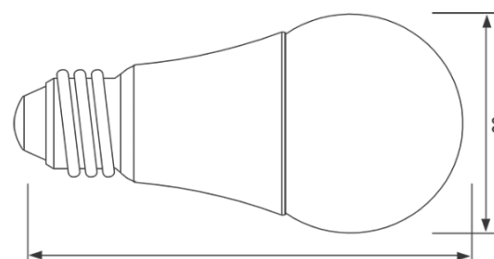
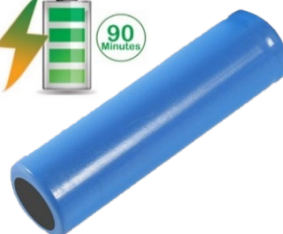
ecoLED

Emergency A60 Globe Light 7w

SOH

E27 A60 Rechargeable Emergency Globe Light 7w Cool White

Product Codes	B22g-7w12cwE E27g-7w12cwE
Lamp cap	B22 & E27
Power Consumption (w)	6.3w
Operating voltage	85-265v
Power Factor	0.50Pf
Chip Type & Count	12 x SMD 2835
Colour temperature	6000k CW
Light output (lumens)	600 (cw)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	180°
Backup Run Time	90 min
Max Charge Time	12 hrs
Operating Temp	-5°-40°C
Max Humidity	70%
Replaces :	Incandescent 70w Halogen 60w CFL 18w
Warranty (months)	24
Certification	NRCS & RoHS



Dimensions (L x B x H)	B22g- = 124 x 60 x 60mm (95g); E27g- = 122 x 60 x 60mm (100g)
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Materials Polymer Casing, Aluminium Cooler, Polycarbonate Lens, Lithium Ion Battery

Applications These wide obtuse beam angle emergency lights are designed as combined backup and regular lights for ceilings, bulkhead fittings or other A60 globe fitting. These lights are suitable in bathrooms, bedrooms, kitchens, living areas, offices, shops and workshops or any place that does not have an alternative emergency backup lighting solution

Limitations These emergency lights are not recommended in circuits that have incandescent or incompatible CFL or LED globes. They take 12 hrs to attain a full charge

Other Features These cool running globes are good globes for ceiling fittings or freestanding and desktop lamps with the advantage of automatically using their own internal power supply during power failure (load shedding) for up to 3 hours on a full charge. The battery charges when the light is switched on at the wall socket on a 220v/240v supply. A loose globe can also be used as a torch by bridging the contacts with your fingers or using the hanger

Expected Battery Life 1000 duty cycles (full recharge and discharge)

Similar Products A brighter, non emergency version of this globe is available, (pg 46)

Complementary Products A60 7w globes (pg 45), A60 9w globes (pg 46)

Customer Price See Main Items Price List line 10 & 60 for pricing

Customer Notes



ecoLED

Emergency Rechargeable Panel Lights

NEW

Round Panel Lights 3w - 18w Rechargeable Emergency Cool White

Product Codes	PLRs-3w85cwE PLRs-18w225cwE
Power Consumption (w)	PLRs-3w = 4.1w PLRs-18w = 15.7w
Operating Voltage	180-240v
Power Factor	0.48Pf
Chip Type	SMD 2835
Colour Temperature	6000k CW
Light Output (lumens)	PLRs-3w = 250 lm PLRs-18w = 1200 lm
Rated LED Life (hours)	25000
Colour Rendering Index (CRI)	>80
Beam Angle (degrees)	120°
IP Rating	IP50
Backup Run Time	90 min
Max Charge Time	12 hrs
Warranty (months)	12
Certification	GB51309-2018
Dimensions (L x B x H)	PLRs-3w = 83 x 83 x 18mm (123g) 70 +-5mm hole cut out required; PLRs-18w = 220 x 220 x 23mm (413g) 205 +-5mm hole cut out required
Materials	Diecast Aluminium Casing, Diecast Aluminium Cooler, Polycarbonate Diffuser Lens
Applications	These obtuse beam angle panel lights are easy to install in low to medium height ceilings, over counters, inside cabinets or as dry wall bulkhead fittings. These lights are perfect for bathrooms, kitchens and offices and are mostly used for decorative, mood and functional needs and well suited for coastal, humid and medical environments
Limitations	These panel lights cannot be used outdoors unless protected from harmful elements like rain or direct sun. They need a 180-240v power source for 12 hours to charge their internal battery which allows them to run for up to 2 hours without external power
Other Features	They are thin enough to fit into very shallow cavities. The PLRs-3w85cwE's hole size is identical to a standard GU10 fittings so becomes an emergency GU10 retrofit. The PLRs-18w225cwE's bright wide beam angle makes it suitable as a centre room main source of light or emergency only luminaire for when there are power failures
Compatible Dimmers	Internal auto dimmer
Similar Products	Recessed Round Panels (pg 52 to 55), surface mount ceiling lights (pg 16)
Complementary Products	Panel light components (pg 56), Square panel Lights (pg 57)
Customer Price	See Main Items Price List line 136 & 128 for pricing
Customer Notes	





ecoLED

USB Backup Lights

SOH

Power-Out Backup Lights using USB

Product Codes	CAB-USB-BATcWD USB-STK		
Product Differentiation	BATcWD = USB Powered Cabinet Batten Light USB-STK = USB Plug in Flexible Light		
Power Consumption (w)	BATcWD = 6 w USB-STK = 2w		
Operating Voltage	BATcWD = 5v DC USB-STK = 5v DC		
Chip Type & Qty	BATcWD = 21 x SMD 5630 USB-STK = 6 x SMD 2835		
Colour Temperature	BATcWD = 6000k CW USB-STK = 6000k CW		
Beam Angle (degrees)	140°		
Rated Life (hours)	30000		
Dimming Range	100%		
IP Rating	50,		
Operating Temp	-10°- 60°C		
Max Humidity	85%		
Warranty (months)	12		
Certification	CE & RoHS		
Dimensions (L x B x H)	BATcWD = 302 x 18 x 8mm (65g) USB-STK = 150 x 16 x 10mm (50g)		
Materials	BATcWD = Anodised Aluminium Casing, Polycarbonate Lens USB-STK = Silicone Casing, Polycarbonate Lens		
Applications	These wide obtuse emergency lights under or inside cabinets against bulkhead fittings. These lights in bathrooms in bedrooms in kitchens in offices in decorative as mood as emergency		
Limitations	These emergency lights are not submercible but are splashproof and need a 5vDC power source to operate		
Other Features	The CAB-USB-BATcWD comes with a 1m USB cable which can be used in a USB mobile charger, PC or power bank. It is dimmable by lightly pressing and holding down the on/off switch on the one end		
Complementary Products	Solar flood lights (pg 41), Emergency Bulbs (pg 32), Emergency Tubes (pg 91)		
Customer Price	See Main Items Price List line 25 for pricing		
Customer Notes			



Coastal Grade Flood Lights

EOR

Coastal Grade Flood Lights 30w - 150w Compact DCOB Neutral White

Product Codes	FL30-30w1nw FL50-48w1nw FL100-98w1nw FL150-135w1nw		
Power Consumption (w)	FL30 = 30w FL50 = 50.4w FL100 = 86.2w FL150 = 150w		
Operating Voltage	85-265v		
Power Factor	0.93Pf		
Chip Type	DCOB		
Colour Temperature	5000k NW		
Light Output (lumens)	FL30 = 2350 lm FL50 = 4000 lm FL100 = 7500 lm FL150 = 11000 lm		
Rated LED Life (hours)	30000		
Colour Rendering Index (CRI)	>80		
Beam Angle (degrees)	120°		
IP Rating	IP65		
Operating Temp	-20°- 60°C		
Max Humidity	100%		
Warranty (months)	24		
Certification	IEC, NRCS & RoHS		
Dimensions (L x B x H)	FL30 = 200 x 150 x 48mm (950g); FL100 = 295 x 220 x 70mm (2100g);		FL50 = 240 x 175 x 50mm (1200g); FL150 = 349 x 263 x 78mm (3350g)
Materials	Diecast Aluminium Casing, Aluminium Cooler, Aluminium Reflector, Tempered Glass Lens, Stainless Steel Bracket and Fittings		
Applications	These obtuse beam angle flood lights are for medium parking areas, gardens & yards, façades, parks, fields, driveways and boundary lighting; specifically for security, sports, specialised and functional lighting applications. They are the best choice for coastal, humid and harsh environments that require wide area light coverage		
Limitations	These flood lights are not recommended for indoor use. They need a 200-240v power source. They need to be installed out of reach and facing down at roughly a 45 degree angle for best cooling.		
Other Features	They have a 2kV surge and thermal overload protection built in and come with a 20cm cable to connect to the mains supply. The light is specifically chosen as 5000k which makes them a little less blue than conventional flood lights, rendering plants and paint in a more natural colour.		
Similar Products	A cheaper version of these flood lights are available (pg 39 & 40)		
Complementary Products	Flood components (pg 37), street lights (pg 80), solar lights (pg 103)		
Customer Price	See Main Items Price List line 71, 90, 83 & 86 for pricing		
Customer Notes			



ecoLED

Slim Coastal Grade Flood Lights 50-150w

NEW

Coastal Grade Flood Light 50w-150w Slim SS Multi-lens SMD CW

Product Codes	FL50-50w60cw FL100-100w120cw FL150-150w180cw
Power Consumption (w)	FL50 = 49.9w FL100 = 100w FL150 = 151w
Operating Voltage	85-265v
Power Factor	0.97Pf
Protection Circuitry	up to 3000v Surge Thermal Overload
Chip Type	SMD 2835
Colour Temperature	6200k CW
Light Output (lumens)	FL50 = 5000 lm FL100 = 10000 lm FL150 = 16266 lm
Rated LED Life (hours)	30000
Colour Rendering Index (CRI)	>80
Beam Angle (degrees)	180°
IP Rating	IP66
Operating Temp	-20°- 60°C
Max Humidity	100%
: Halogen 450	FL50
Replaces : Halogen 900	FL100
: Halogen 1400	FL150
Warranty (months)	36
Certification	CE, NRCS & RoHS
Dimensions (L x B x H)	FL50 = 248 x 187 x 36mm (1108g); FL150 = 352 x 306 x 40mm (2800g)
Materials	Diecast Aluminium Casing, Aluminium Cooler, Aluminium Reflector, Polycarbonate Lens, Stainless Steel Bracket
Applications	These wide obtuse beam angle flood lights are for medium to large parking areas, gardens & yards, façades, parks, fields, driveways and boundary lighting; specifically for security, sports, specialised and functional lighting applications. They are the best choice for coastal, humid and harsh environments that require wide area light coverage
Limitations	These flood lights are not recommended for indoor use. They need a 200-240v power source. They need to be installed out of reach and facing down at roughly a 45 degree angle for best cooling.
Other Features	These slimline compact Coastal Grade floods have a 3kV surge and thermal overload protection built in and come with a 35cm cable to connect to the mains supply.
Similar Products	A cheaper version of these lights is available (pg 39 & 40)
Complementary Products	Mounting pole (pg 37), street lights (pg 80), solar lights (pg 103)
Customer Price	See EOR & Components Price List line 92 & 87 for pricing
Customer Notes	



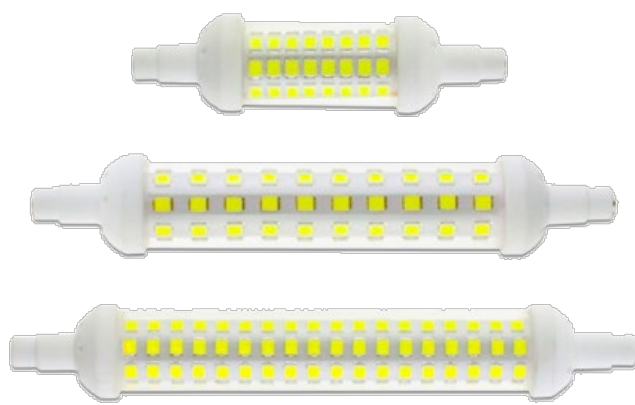
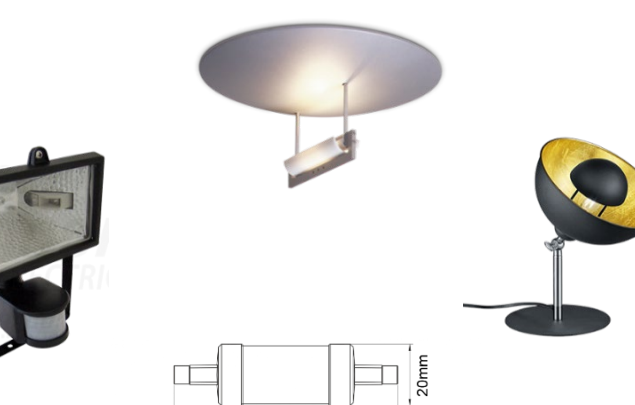
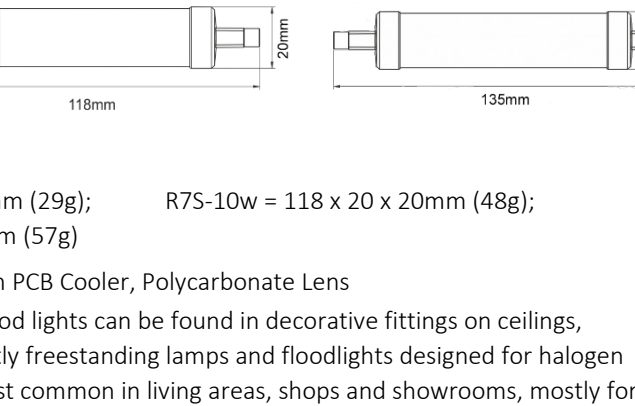
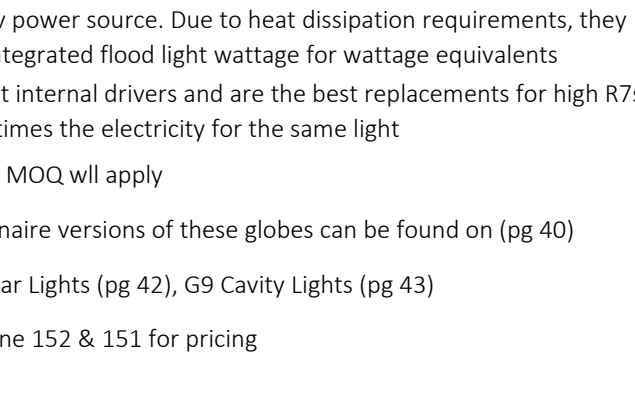



Street Light Pole and other flood lights components

Product Codes	STL-WMP-500-60 X-FL10s-BRAK X1-FL100-CAS X1-FL150-CHP X1-FL100-GLS X1-FL100-GLSSL X1-FL100-RFLT X-FL50s-DRV	
Compatible with	Coastal Range Flood Lights	
Product Descriptions	WMP-500-60 = Street Light Pole BRAK = Flood Light Bracket (for various models) CAS = Flood Light Case (for various models) CHP = Flood Light LED Chip GLS = Flood Light Glass (for various models) GLSSL = Flood Light Glass Seal (various models) RFLT = Flood Light Reflector (for various models) DRV = Flood Light Drivers (for various models)	
Rated Life (hours)	30000	
IP Rating	Varies per component	
Operating Temp	-10°- 60°C	
Max Humidity	100%	
Warranty (months)	24	
Certification	NRCS & RoHS	
Dimensions (L x B x H)	WMP-500-60 = 520 x 158 x 67mm (600g); CAS = 295 x 220 x 60mm (1392g); GLS = 275 x 200 x 5mm (539g); WMP-500-60 = , Powdercoated Steel BRAK = , Stainless Steel CAS = Powdercoated Diecast Aluminium Casing CHP = , Gold Wire and other materials GLS = , Tempered Glass Lens GLSSL = Silicone	BRAK = 98 x 14 x 1mm (22g); CHP = 120 x 120 x 5mm (65g); RFLT = 265 x 190 x 35mm (40g)
Materials		
Applications	These flood light components allow ecoLED to repair Floods in our distribution centres, extending the life of units that possibly succumb to single component failure or degradation. and available for the refurbishment of floods by such service providers	
Limitations	These flood light components are only available for current and formerly stocked ecoLED floods and may not be compatible with other brands	
Other Features	All components are of the same materials, quality and colour of the original products on which they fit	
Associated Products	Slimline Floods (pg 39 & 40), Coastal Floods (pg 35)	
Customer Price	See Main Items Price List line 142 or Components Price List for pricing	
Customer Notes		



R7S Halogen Tube Retrofit Light Internal Driver Cool/Warm White

Product Codes	R7S-6w64ww R7S-10w88ww R7S-12w144ww	
Lamp Cap	R7S	
Power Consumption (w)	R7S-6w6 = 6w R7S-10w = 10.49w R7S-12w = 12.49w	
Operating Voltage	85-265v	
Power Factor	0.94Pf	
Chip Type	SMD 2835	
Colour Temperature	3000k WW	
Light Output (lumens)	R7S-6w6 = 425 lm R7S-10w = 750 lm R7S-12w = 900 lm	
Rated LED Life (hours)	30000	
Colour Rendering Index (CRI)	>80	
Beam Angle (degrees)	360°	
IP Rating	IP60	
Operating Temp	-10°- 60°C	
Max Humidity	90%	
Replaces	: R7S-6w6 Halogen 60w : R7S-10w Halogen 90w : R7S-12w Halogen 125w	
Warranty (months)	12	
Certification	CE & RoHS	
Dimensions (L x B x H)	R7S-6w6 = 78.8 x 20 x 20mm (29g); R7S-10w = 118 x 20 x 20mm (48g); R7S-12w = 135 x 20 x 20mm (57g)	
Materials	Ceramic Casing, Aluminium PCB Cooler, Polycarbonate Lens	
Applications	These 360° beam angle flood lights can be found in decorative fittings on ceilings, bulkhead fittings, but mostly freestanding lamps and floodlights designed for halogen tubes. These lights are most common in living areas, shops and showrooms, mostly for decorative, work and specialised applications	
Limitations	These R7s flood light replacement globes may be used for indoor fittings that use this base type using a 200-240v power source. Due to heat dissipation requirements, they are not as bright as their integrated flood light wattage for wattage equivalents	
Other Features	These globes have compact internal drivers and are the best replacements for high R7s halogen globes that use 8 times the electricity for the same light	
Compatible Dimmers	Dimmable can be ordered, MOQ wll apply	
Similar Products	A complete floodlight luminaire versions of these globes can be found on (pg 40)	
Complementary Products	PL Corn light (pg 21), G4 Star Lights (pg 42), G9 Cavity Lights (pg 43)	
Customer Price	See Main Items Price List line 152 & 151 for pricing	
Customer Notes		



Flood Lights 100-200w - Silver Edition

SOH

Outdoor Slimline Flood Light 100% DSMD 100w - 200w Cool White

Product Codes	FL100s-100w144cw FL200s-200w216cw
Power Consumption (w)	FL100 = 100.6w FL200 = 189w
Operating Voltage	180-260v
Power Factor	0.89Pf
Protection Circuitry	up to 4000v Surge Thermal Overload
Chip Type	SMD
Colour Temperature	6200k CW
Light Output (lumens)	FL100 = 8042lm FL200 = 16450lm
Rated LED Life (hours)	30000
Colour Rendering Index (CRI)	>80
Beam Angle (degrees)	120°
IP Rating	IP65
Operating Temp	-20° - 60°C
Max Humidity	100%
: Halogen 1000 Replaces : Halogen 1500	FL100 FL200
Warranty (months)	24
Certification	NRCS & RoHS
Dimensions (L x B x H)	FL100 = 280 x 190 x 39mm (1312g); FL200 = 420 x 320 x 50mm (3300g)
Materials	Diecast Aluminium Casing, Aluminium Cooler, Polymer Reflector, Tempered Glass Lens
Applications	These obtuse beam angle flood lights are for large parking areas, gardens & yards, façades, parks, fields and along long boundary fences. They are ideal for, security and functional applications and are a good choice for food-safety, humid, cold and wet environments that require wide area light coverage at great value
Limitations	These flood lights are not recommended for indoor use. They are not designed for heavily corrosive environments. They need a 200-240v power source. They need to be installed out of reach and facing down at roughly a 45 degree angle for best cooling.
Other Features	They are compact, lightweight and include a 20-40cm cable to connect to the mains supply. Staff will gladly explain the benefits of their 2 year smash and replace warranty
Similar Products	Lower wattage Slimline Floods (pg 40), Coastal Floods (pg 35)
Complementary Products	Mounting pole (pg 37), Slim Coastal Floods (M)(pg 36), solar lights (pg 103)
Customer Price	See EOR & Components Price List line 84 & 88 for pricing
Customer Notes	





ecoLED

Flood Lights 10-50w - Silver Edition

SOH

Outdoor Slimline Flood Light 10w-50w 100% DSMD Cool White

Product Codes	FL10s-10w12cw FL20s-20w24cw FL50s-50w72cw
Power Consumption (w)	FL10s = 9.9w FL20s = 19.74w FL50s = 46.2w
Operating Voltage	180-260v
Power Factor	0.94Pf
Protection Circuitry	1000v Surge
Chip Type	DSMD 2835
Colour Temperature	6000k CW
Light Output (lumens)	FL10s = 865 lm FL20s = 1870 lm FL50s = 5160 lm
Rated LED Life (hours)	30000
Colour Rendering Index (CRI)	>80
Beam Angle (degrees)	120°
IP Rating	IP65
Operating Temp	-20° - 60°C
Max Humidity	100%
Replaces	: Halogen 90w FL10s : Halogen 160w FL20s : Halogen 400w FL50s
Warranty (months)	24
Certification	NRCS & RoHS
Dimensions (L x B x H)	FL10s = 101 x 72 x 23mm (159g); FL20s = 145 x 100 x 33mm (335g); FL50s = 200 x 145 x 32mm (665g)
Materials	Diecast Aluminium Casing, Aluminium Cooler, Polymer Reflector, Tempered Glass Lens
Applications	These obtuse beam angle flood lights are suitable for small gardens & yards, exterior bulkheads, at entrances, along walkways, driveways and along boundary walls, aimed towards decorative, security and functional applications. They are suitable for humid, cold and wet environments that require wide area light coverage at great value
Limitations	These flood lights are not recommended for indoor use. They are not designed for heavily corrosive environments. They need a 200-240v power source. They need to be installed out of reach and facing down at roughly a 45 degree angle for best cooling
Other Features	They are compact, lightweight and include a 20-40cm cable to connect to the mains supply. Staff will gladly explain the benefits of their 2 year smash and replace warranty
Compatible Dimmers	Not dimmable
Similar Products	Larger, brighter slimline floods (pg 40)
Complementary Products	Walkway light (pg 103), solar light (pg 41)
Customer Price	See EOR & Components Price List line 85, 89 & 93 for pricing
Customer Notes	





ecoLED

Solar Flood Light 25w

SOH

Solar Flood Light 25w incl. panel, lux sensor & remote Cool White



Product Codes	FLSOL-25w56cw
Lamp Cap	Solar
Power Consumption (w)	FLSOL-25w = 25w
Operating Voltage	6v DC
Chip Type & Count	56 x SMD 5730
Colour Temperature	6000k CW
Light Output (lumens)	1500 lm (cw)
Rated LED Life (hours)	50000
Colour Rendering Index (CRI)	>80
Beam Angle (degrees)	120°
Dimming Range	50%
IP Rating	IP67
Operating Temp	-20° - 60°C
Max Humidity	100%
Replaces : Incandescent	125w
Replaces : Halogen	110w
Replaces : CFL	50w
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	FLSOL-25w = 193 x 150 x 48mm (861g) & Solar Panel = 270 x 180 x 16mm
Materials	Diecast Aluminium Casing, Tempered Glass Lens, 5AH Lithium Iron PO4 Battery, Poly Crystalline Solar Panel
Applications	These obtuse beam angle flood lights are suitable for, parking areas, gardens & yards, exterior bulkheads, walkways and driveways, along boundary lines and used widely in low running cost emergency, security and solar installations. They are perfect for humid conditions and outdoor areas that do not have an easily accessible power supply
Limitations	These flood lights are not recommended for indoor use. Their brightness is about 50% of a conventional 230v flood of the same wattage (lm/w = 50%). They cannot be powered on 230v mains
Other Features	These floods come with their own solar panel and battery as a sustainable power source. They have a remote control to switch on the light (that should be mounted out of reach), control operating duration and dimming. They are IP67 waterproof. The Solar panel has mounting bracket and a 4.5m cable with a waterproof light connector plug
Compatible Dimmers	Internal dimmer remote controlled
Similar Products	Lower wattage non-solar Slimline Floods (pg 40), Coastal Floods (pg 35)
Complementary Products	Mounting pole (pg 37), solar street lights (pg 80), solar walkway (pg 103)
Customer Price	See EOR & Components Price List line 94 for pricing
Customer Notes	



ecoLED

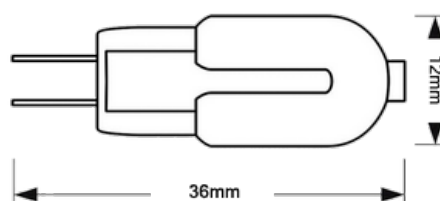
G4 Star Light 2w Dimmable

SOH

G4 Star Light 2w 360° Translucent Cool White Dimmable Silver Edition

Product Codes	G4-2w12cwD G4-2w12wwD
Lamp cap	G4
Power Consumption (w)	1.5w
Operating voltage	12v AC/DC
Power Factor	1.00Pf
Chip Type & Count	12 x SMD 2835
Colour temperature	6000k CW 2800k WW
Light output (lumens)	110 lm (cw) / 110 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	360°
Dimming Range	95%
IP Rating	IP20
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces	: Incandescent 15w : Halogen 15w
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	35.5 x 12 x 9mm (2g)
Materials	Frosted Polycarbonate Casing, Aluminium PCB Cooler, Polycarbonate Lens
Applications	These 360° beam angle G4 lights are most commonly used as star lights in ceilings, under counters, in cabinets, G4 chandeliers and in very confined spaces. These lights are mostly found in bedrooms, kitchens, living areas and double volume rooms ; and mostly in decorative, mood and specialised light fittings
Limitations	These G-base lights are not waterproof. Bleed resistors may be required for some dimmers when dimming only a few lights on one circuit. They are not compatible with some dimmers. 12v Transformers or batteries are required for these globes
Other Features	They are compact and fit in most G4 fittings and come in cool and warm white. They are much more rugged than their predecessors and give even light over a large beam angle
Compatible Dimmers	DIMCRODC-12v8A
Similar Products	A 230v version of this globe is available, called a G9 (pg 43)
Complementary Products	Cabinet Downlights (page7), G9 Globes(page43)
Customer Price	See Main Items Price List line 98 & 99 for pricing

Customer Notes



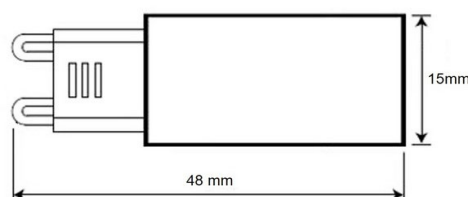


G9 Cavity Light 2.3w Dimmable

SOH

G9 Cavity Light 2.5w 300° Cool & Warm White Dimmable Silver Edition

Product Codes	G9-2.5w35cwD G9-2.5w35wwD
Lamp cap	G9
Power Consumption (w)	2.3w
Operating voltage	85-265v
Power Factor	0.33Pf
Chip Type & Count	35 x SMD 2835
Colour temperature	6000k CW 3000k WW
Light output (lumens)	220 lm (cw) / 220 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>70
Beam angle (degrees)	300°
Dimming Range	Optional
IP Rating	IP40
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces	: Incandescent 25w : Halogen 23w
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	49 x 16 x 16mm (11g)
Materials	Heat Resistant Polymer Casing, Aluminium PCB Cooler, Clear Polycarbonate Lens
Applications	These wide reflex beam angle G9 lights are most often found in chandeliers, confined and specialised bulkhead fittings and recessed wall lights. These lights get used in bedrooms, living areas, double volume rooms and along stair cases and walkways where decorative, mood and specialised lighting is prevalent
Limitations	These G-base lights are not waterproof. Bleed resistors may be required for some dimmers when dimming only a few lights on one circuit. They are not compatible with some dimmers
Other Features	No transformers are required for these globes. They are compact and fit in most G9 fittings and come in cool and warm white. They are much more rugged than their predecessors and give even light over a large beam angle
Compatible Dimmers	No dimmers specified yet
Similar Products	A 12v version of this globe is available called a G4 (pg 42)
Complementary Products	Cabinet Downlights (page7), R7s Tubes(page38)
Customer Price	See Main Items Price List line 100 & 101 for pricing





ecoLED

G95 Globe Light 6w

EOR

B22 & E27 G95 Globe Light 6w 95mm Ball Clear Filament Warm White

Product Codes	B22g-6w95ww E27g-6w95wwD	 
Lamp cap	B22 & E27	
Power Consumption (w)	5.5w	
Operating voltage	85-265v	
Power Factor	0.63Pf	
Chip Type & Count	6 x Filament	
Colour temperature	2700k WW	
Light output (lumens)	520 lm (ww) / 500 lm (ww)	
Rated LED life (hours)	30000	
Colour rendering index (CRI)	>80	
Beam angle (degrees)	345°	 
Dimming Range	92%	
IP Rating	IP62	
Operating Temp	-10°- 60°C	
Max Humidity	90%	
Replaces :	Incandescent 60w Halogen 50w CFL 15w	
Warranty (months)	24	
Certification	EMC, NRCS & RoHS	
Dimensions (L x B x H)	B22 = 132 x 95 x 95mm (63g); E27 = 132 x 95 x 95mm (63g)	
Materials	Nickle Coated Copper Casing, Glass Vacuum Cooler, Clear Glass Lens	
Applications	These wide reflex beam angle globes are great feature globes for low to medium ceilings, over counters, applicable chandeliers and pendant lights. These lights look good in bedrooms, kitchens, living areas and double volume rooms where primarily decorative, mood and specialised lighting is preferred	
Limitations	These globe lights are not recommended for fittings that have less than 95mm globe diameter clearance or where the application requires a narrow beam angle	
Other Features	Their high lumen output, cool running and aesthetic appeal make these globes good for ceiling centre feature lights, freestanding lamps and decorative pendant lights in homes or offices	
Compatible Dimmers	Dimmers not yet specified	
Similar Products	A G80 version of this globe is available, minimum order quantities will apply.	
Complementary Products	A60 7w globes (pg 45), A60 7w dimmable globes (pg 45)	
Customer Price	See Main Items Price List line 7 & 49 for pricing	

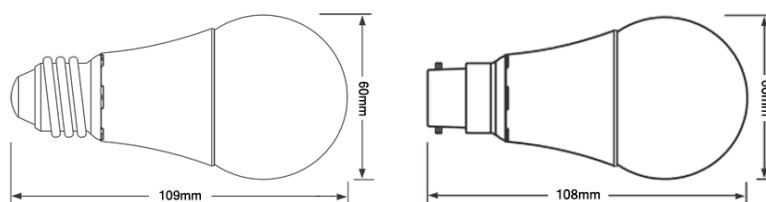


A60 Globe Light 7w

SOH

B22 & E27 A60 Globe Light 7w Milky Lens Cool & Warm White

Product Codes	B22gs-7w12ww E27gs-7w12cw E27gs-7w12ww E27g-7w14cw
Lamp cap	B22 & E27
Power Consumption (w)	6.7w
Operating voltage	85-265v
Power Factor	0.52Pf
Chip Type & Count	12 x SMD 2835
Colour temperature	3000k WW 6000k CW
Light output (lumens)	580 lm (ww) / 638 lm (cw)
Rated LED life (hours)	25000
Colour rendering index (CRI)	>80
Beam angle (degrees)	220°
Dimming Range	Non-dimmable
IP Rating	IP62
Operating Temp	-10° - 60°C
Max Humidity	90%
Replaces	: Incandescent 60w : CFL 18w
Warranty (months)	24
Certification	NRCS & RoHS



Dimensions (L x B x H)	B22 = 108 x 60 x 60mm (89g); E27 = 109 x 60 x 60mm (37g)
Materials	TCP Coated Aluminium Casing, combined Cooler, Polycarbonate Lens

Applications	These moderate reflex beam angle globes are suited for low to medium ceilings, over counters, externally illuminating cabinets, in uplight bulkhead fittings and bedside, desk and free standing lamps. These lights are prevalent in bathrooms, bedrooms, kitchens, living areas, eaves and atriums. They are primarily used as functional domestic lighting
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Limitations	These globes are not recommended as a single light source for ceilings above 4m or unventilated fittings that have a cavity of less than 60mm. Rather use our 7w candle
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Other Features	These globes are rugged compared to incandescent and CFL globes and therefore great for mobile applications like lead lights, string lights or in moving objects like house boats etc. They are splash resistant so good in damp environments too. Their 60mm lens is strong and is the size required for many bedside "clip over" shades
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Compatible Dimmers	Not dimmable
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Similar Products	A dimmable version of this globe is available, see our EOR Catalogue
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Complementary Products	C35 7w candles (pg 13), A60 9w globes (pg 46)
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Customer Price	See EOR & Components Price List line 11, 62, 63 & 61 for pricing
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Customer Notes	
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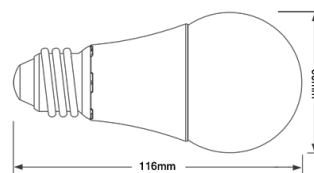
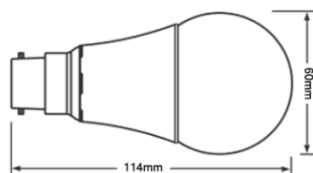


A60 Globe Light 9w Silver Edition

SOH


B22 & E27 A60 Globe Light 9w Cool White

Product Codes	B22gs-9w11cw E27gs-9w11cw
Lamp cap	B22 & E27
Power Consumption (w)	8.7w
Operating voltage	85-265v
Power Factor	0.58Pf
Chip Type & Count	11 x SMD 2835
Colour temperature	6000k CW
Light output (lumens)	850 lm (cw) / 860 lm (cw)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	220°
Dimming Range	Non-dimmable
IP Rating	IP62
Operating Temp	-10°- 60°C
Max Humidity	90%
Replaces :	Incandescent 80w
Halogen	70w
CFL	24w
Warranty (months)	24
Certification	NRCS & RoHS
Dimensions (L x B x H)	B22 = 115 x 60 x 60mm (34g); E27 = 116 x 60 x 60mm (34g)
Materials	TCP Coated Aluminium Casing, combined Cooler, Polycarbonate Lens
Applications	These moderate reflex beam angle globes are suited for low to medium ceilings, over counters, externally illuminating cabinets, in uplight bulkhead fittings and bedside, desk and free standing lamps. These lights are prevalent in bathrooms, bedrooms, kitchens, living areas, eaves and atriums. They are primarily used as functional domestic lighting
Limitations	These globe lights are not recommended for fittings that have less than 60mm globe diameter clearance or where the application requires a 360 degree beam angle
Other Features	These compact, high lumen output and cool running globes make them great for ceiling centre dome lights, freestanding and desktop lamps for offices, study's or bedside tables. They are perfect to brighten up dull areas where equivalent light output CFL globes are too large to fit
Compatible Dimmers	Not dimmable
Similar Products	A 12v version of this globe is available, MOQ applies
Complementary Products	B22 / E27gs-7w (pg 45), B22 / E27gs-7w dimmable (EOR Catalogue)
Customer Price	See EOR & Components Price List line 12 & 64 for pricing





Coastal Grade Freestanding Walkway Light 80cm Squared

Product Codes	TSL1-1X10w120 TSL1-1x10w200 TSL1-1X12w150 TSL1-2x6w150		
Power Consumption (w)	1X10w120 = 11w 1x10w200 = 15.2w 1X12w150 = 12.5w 2x6w150 = 12.5w		
Operating Voltage	85-265v		
Power Factor	0.62Pf		
Chip Type	Cree COB		
Colour Temperature	Select your colour preference		
Light Output (lumens)	1X10w120 = 800lm 1x10w200 = 1200lm 1X12w150 = 1000lm 2x6w150 = 1000lm		
Rated LED Life (hours)	50000		
Colour Rendering Index (CRI)	>80		
Beam Angle (degrees)	120°		
IP Rating	IP65		
Operating Temp	-10°- 60°C		
Max Humidity	100%		
Warranty (months)	24		
Certification	NRCS & RoHS		
Dimensions (L x B x H)	1X10w120 = 820 x 120 x 120mm (4470g); 1x10w200 = 820 x 200 x 200mm (7400g); 1X12w150 = 820 x 150 x 100mm (4500g); 2x6w150 = 820 x 150 x 100mm (4500g)		
Materials	Powdercoated 6063 Aluminium Casing, Aluminium Reflector, Polycarbonate Lens		
Applications	These obtuse beam angle bollard lights look really attractive in parking areas, gardens & yards, entrances and parks, along walkways, driveways and boundary lines. They are mostly used in decorative, security and functional applications and are suitable for coastal and harsh environments		
Limitations	These outdoor bollard lights are not designed for indoor use but will work just as well indoors. They need a 200-240v power source at their base. They need to be bolted to a solid base for stability and theft prevention		
Other Features	They have surge and thermal overload protection built in and come with a short cable to connect to the mains supply. The light is 3000k which allows them to create a warm and cosy atmosphere in their illumination range using only 1/3 of the power of HID alternatives. Cool white can be ordered.		
Compatible Dimmers	Not dimmable		
Complementary Products	Solar flood lights (pg 41), pole lights (pg 48), solar walkway lights (pg 103)		
Customer Price	See Main Items Price List line 222, 223, 224 & 225 for pricing		
Customer Notes			

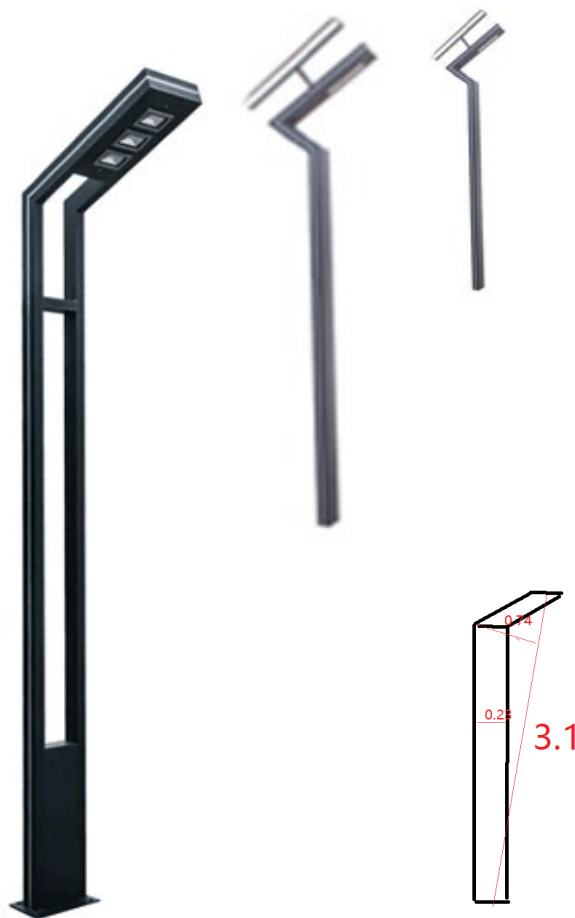


Outdoor Pillar Lights

SQL

Coastal Grade Freestanding Pillar Light 3m Angular

Product Codes	TSL3-3X10wDBL TSL3-3X10wSOL
Base Type	Freestanding 3m pillar
Power Consumption (w)	3X10wDBL = 30w 3X10wSOL = 30w
Operating Voltage	85-265v
Power Factor	0.51Pf
Chip Type	Philips COB
Colour Temperature	6000k CW
Light Output (lumens)	3X10wDBL = 2500lm 3X10wSOL = 2500lm
Rated LED Life (hours)	50000
Colour Rendering Index (CRI)	>80
Beam Angle (degrees)	120°
IP Rating	IP65
Operating Temp	-10° - 60°C
Max Humidity	100%
Warranty (months)	24
Certification	NRCS & RoHS
Dimensions (L x B x H)	3X10wDBL = 3000 x 150 x 300mm (20000g); 3X10wSOL = 3000 x 150 x 150mm (20000g)
Materials	Powdercoated 6063 Aluminium Casing, Aluminium Reflector, Polycarbonate Lens
Applications	These obtuse beam angle Freestanding 3m pillar lights are great at parking areas, entrances and parks, along walkways, driveways, roadsides and boundary fences; and predominantly used for decorative, security and functional applications. They are suitable for coastal and harsh environments
Limitations	These outdoor pole lights are not designed for indoor use but will work just as well if clearance is above 4m. They need a 200-240v power source. They need to be bolted to a solid base for stability and prevention of theft
Other Features	The integrated 70w 40Ahr solar panel and battery of the TSL3-3X10wSOL provides it power for over 8 hours. The wide beam angle allows for wide pole spacing and the three separate light sources reduces shadow intensity. Being lightweight aluminium and well balanced, they do not require heavy lifting equipment for installation
Compatible Dimmers	Not dimmable
Similar Products	A cheaper version of these street lights are available (pg 41 & 80)
Complementary Products	Coastal Grade Flood lights (pg 35), Bollard Lights (pg 47), Up/Down Lights (pg 49)
Customer Price	See EOR & Components Price List line 226 & 227 for pricing
Customer Notes	





Wall Mount Up/Down Lights

SQF

Coastal Grade Wall Mount Up / Down Lights Cool White

Product Codes	TSLW-2x10w120 TSLW-2x6w150 TSLW-2x7w114	
Base Type	Wall mount up/down	
Power Consumption (w)	2x10w120 = 20w 2x6w150 = 12w 2x7w114 = 16.4w	
Operating Voltage	85-265v	
Power Factor	0.60Pf	
Chip Type	Cree COB	
Colour Temperature	6000k CW	
Light Output (lumens)	2x10w120 = 1600lm 2x6w150 = 1000lm 2x7w114 = 1200lm	
Rated LED Life (hours)	50000	
Colour Rendering Index (CRI)	>80	
Beam Angle (degrees)	45°	
IP Rating	IP65	
Operating Temp	-10°- 60°C	
Max Humidity	100%	
Warranty (months)	24	
Certification	NRCS & RoHS	
Dimensions (L x B x H)	2x10w120 = 300 x 120 x 120mm (2700g) 2x6w150 = 300 x 150 x 120mm (2300g) 2x7w114 = 300 x 114 x 114mm (2000g)	
Materials	Powdercoated 6063 Aluminium Casing, Aluminium Reflector, Polycarbonate Lens	
Applications	These medium beam angle Wall mount up/down lights are suitable for exterior bulkheads, façades, entrances, walkways and boundary walls; often used for decorative, security and functional applications. They are suitable for coastal, humid and cold environments	
Limitations	These outdoor up/down lights are not designed for indoor use but will work just as well indoors. They need a 200-240v power source. They need to be bolted to a wall or pole for support and prevention of easy theft	
Other Features	They are waterproof and suitable to be exposed to outdoor elements. They have surge and thermal overload protection built in and come with a short cable to connect to the mains supply. The light design allows them to create a stylish projection from their illuminating angles yet using only 1/9 of the power of halogen alternatives	
Similar Products	A cheaper version of these outdoor lights are available (pg 39 & 40)	
Complementary Products	Solar Walkway Lights (pg 35), Bollard Lights (pg 47), Parking Area Lights (pg 48)	
Customer Price	See EOR & Components Price List line 228, 229 & 230 for pricing	
Customer Notes		

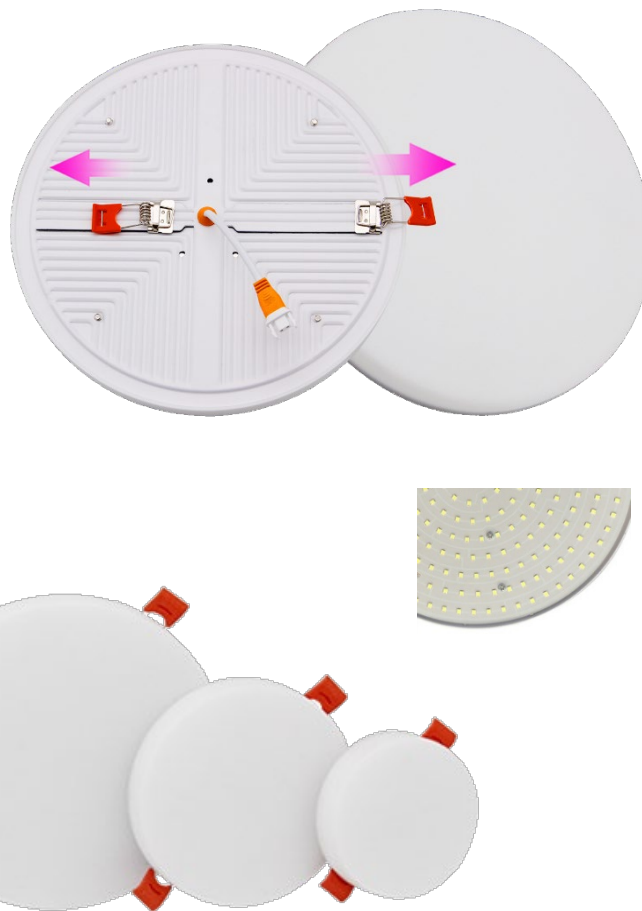

ecoLED

Panel Light - Shallow Protruding

NEW

Round Protruding Panel 15w - 32w Cool White

Product Codes	PLPs-15w90cw PLPs-32w190cw
Power Consumption (w)	PLPs-15w90 = 14.7w PLPs-32w19 = 31.8w
Operating Voltage	170-265v
Power Factor	0.58Pf
Chip Type	SMD 2835
Colour Temperature	6250k CW
Light Output (lumens)	PLPs-15w90 = 1500lm PLPs-32w19 = 3200lm
Rated LED Life (hours)	25000
Colour Rendering Index (CRI)	>70
Beam Angle (degrees)	180°
IP Rating	IP42
Operating Temp	-10°- 60°C
Max Humidity	85%
Warranty (months)	24
Certification	NRCS & RoHS
Dimensions (L x B x H)	PLPs-15w90 = 120 x 120 x 15mm (108g); PLPs-32w19 = 223 x 223 x 22mm (296g)
Materials	Powdercoated Casing, Aluminium PCB Cooler, Polycarbonate Diffuser Lens
Applications	These wide obtuse beam angle panel lights are easy to fit in medium height ceilings, over counters or as dry wall bulkhead fittings. These lights are perfect for bathrooms, kitchens, offices, shops, showrooms and hospitals ; and are good for decorative, mood and work uses. They are also suitable for food-safety and humid environments
Limitations	These panel lights are not waterproof and cannot be used outdoors if exposed directly to rain or sun, but fine if protected from the elements. They need a 170-265v power source and a small cavity or hole to clip in and protrude 15-22mm from the surface
Other Features	These panels replace conventional down lights, recessed PL fittings and other surface mount fittings without having to change hole size or mounting as long as the light is greater in diameter that the hole you wish to cover. Their adjustable spring clips fit a wide range of hole and cavity sizes, making installation absolutely SIMPLE and quick
Compatible Dimmers	Not dimmable
Similar Products	Recessed Round Panels (pg 52 to 55), surface mount ceiling lights (pg 16)
Complementary Products	Panel light components (pg 56), Square panel Lights (pg 57)
Customer Price	See EOR & Components Price List line 124 & 125 for pricing
Customer Notes	





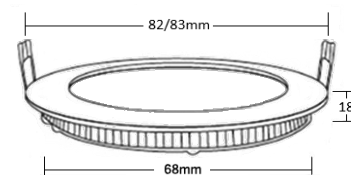
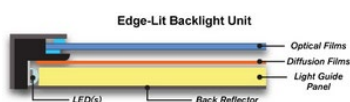
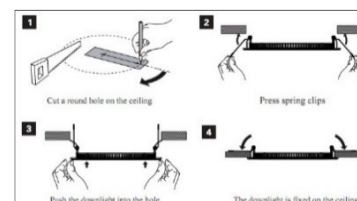
ecoLED

Panel Light 3w

SOH

Round Recessed Panel Light 83mm 3w

Product Codes	PLRs-3w85cw PLRs-3w85nw PLRs-3w85ww PLRs-3w85w3
Mounting Type	Recessed Round
Power Consumption (w)	3.0w
Operating voltage	85-265v
Power Factor	0.53Pf
Chip Type & Count	15 x SMD 2835
Colour temperature	6000k CW 5000k NW 3000k WW 3/5/6000k Switchable
Light output (lumens)	250 lm (cw) / 250 lm (nw)
Rated LED life (hours)	25000
Colour rendering index (CRI)	>80
Beam angle (degrees)	120°
Dimming Range	Non-dimmable
IP Rating	IP50
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces : Incandescent	25w
Replaces : Halogen	20w
Replaces : CFL	8w
Warranty (months)	12
Certification	CE, IEC, NRCS & RoHS
Dimensions (L x B x H)	83 x 83 x 18mm (66g) 70 +-5mm hole cut out required
Materials	Diecast Aluminium Casing, Diecast Aluminium Cooler, Polycarbonate Diffuser Lens
Applications	These obtuse beam angle panel lights are easy to install in low to medium height ceilings, over counters, inside cabinets or as dry wall bulkhead fittings. These lights are perfect for bathrooms, kitchens and offices and are mostly used for decorative, mood and functional needs and well suited for coastal, humid and medical environments
Limitations	These panel lights are not recommended for ceilings above 4m as a primary source of light unless ceilings and walls are white and their spacing is less than 1.5m
Other Features	They are thin enough to fit into very shallow cavities. The PLRs-3w85w3 alternates between cool, neutral and warm white, allowing the user to set the mood by simply toggling the light switch. Their hole size is identical to standard GU10 fittings
Similar Products	A dimmable version of this panel is available, MOQ applies
Complementary Products	GU10 downlights (pg 23 to 28)and cabinet lights (pg 7)
Customer Price	See EOR & Components Price List line 135, 137 & 138 for pricing
Customer Notes	





ecoLED

Panel Light 6w

SQL

Round Recessed Panel Light 120mm 6w

Product Codes	PLRs-6w120cw PLRs-6w120nw PLRs-6w120ww PLRs-6w120w3
Mounting Type	Recessed Round
Power Consumption (w)	6.3w
Operating voltage	85-265v
Power Factor	0.55Pf
Chip Type & Count	30 x SMD 2835
Colour temperature	6000k CW 5000k NW 3000k Warm White 3/5/6000k Switchable
Light output (lumens)	400 lm (cw) / 400 lm (nw)
Rated LED life (hours)	25000
Colour rendering index (CRI)	>70
Beam angle (degrees)	120°
Dimming Range	Optional
IP Rating	IP50
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces :	Incandescent 50w Halogen 45w CFL 15w
Warranty (months)	12
Certification	CE, IEC, NRCS & RoHS
Dimensions (L x B x H)	119 x 119 x 19mm (110g) 110 +-5mm hole cut out required
Materials	Diecast Aluminium Casing, Diecast Aluminium Cooler, Polycarbonate Diffuser Lens
Applications	These obtuse beam angle panel lights are easy to install in medium height ceilings, over counters, outside cabinets or as dry wall bulkhead fittings. These lights are perfect for bathrooms, offices, shops and hospitals ; but mostly for decorative, mood and work applications and well suited for coastal and medical environments
Limitations	These panel lights are not recommended for ceilings above 4m as a primary source of light unless ceilings and walls are white and their spacing is less than 2m
Other Features	They are thin enough to fit into very shallow cavities. The PLRs-6w120w3 alternates between cool, neutral and warm white, allowing the user to set the mood by simply toggling the light switch. Their hole size is the same as a small vertical E27/PL Fitting
Similar Products	A dimmable version of this panel is available, MOQ applies
Complementary Products	GU10 downlights (pg 26 to 28)and integrated downlights (pg 14)
Customer Price	See Main Items Price List line 139, 140, 122 & 141 for pricing
Customer Notes	

PLRs6



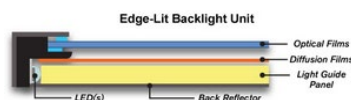
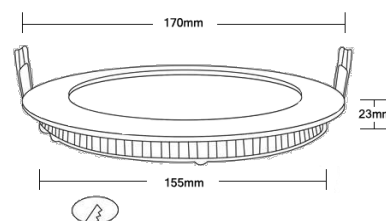
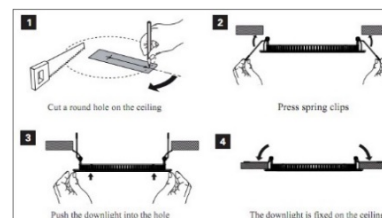
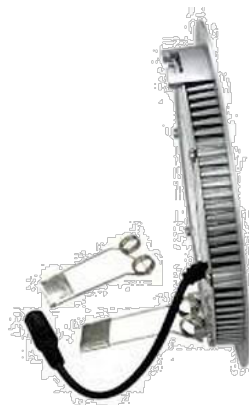
ecoLED

Panel Light 12w

SOH

Round Recessed Panel Light 170mm 12w

Product Codes	PLRs-12w175cw PLRs-12w175nw PLRs-12w175ww PLRs-12w175w3
Mounting Type	Recessed Round
Power Consumption (w)	12.2w
Operating voltage	85-265v
Power Factor	0.56Pf
Chip Type & Count	60 x SMD 2835
Colour temperature	6000k CW 5000k Neutral White 3000k Warm White 3/5/6000k Switchable
Light output (lumens)	800 lm (cw)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>70
Beam angle (degrees)	120°
Dimming Range	Non-dimmable
IP Rating	IP50
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces :	Incandescent 100w Halogen 90w CFL 30w
Warranty (months)	12
Certification	CE, IEC, NRCS & RoHS
Dimensions (L x B x H)	170 x 170 x 23mm (220g) 155 +-5mm hole cut out required
Materials	Diecast Aluminium Casing, Diecast Aluminium Cooler, Polycarbonate Diffuser Lens
Applications	These obtuse beam angle panel lights are easy to fit in medium height ceilings, over counters or as dry wall bulkhead fittings. These lights are perfect for bathrooms, kitchens, offices, shops, showrooms and hospitals ; and are good for decorative, mood and work uses. They are also suitable for food-safety and humid environments
Limitations	These panel lights are not recommended for ceilings above 5m as a primary source of light unless ceilings and walls are white and their spacing is less than 2.5m
Other Features	They are thin enough to fit into very shallow cavities. The PLRs-12w175w3 alternates between cool, neutral and warm white, allowing the user to set the mood by simply toggling the light switch. Their hole size is identical to a standard 150mm PL fittings
Similar Products	A dimmable version of this panel is available, MOQ applies
Complementary Products	Integrated downlight (similar lumen) (pg 14) surface mount ceiling lights (pg 16)
Customer Price	See EOR & Components Price List line 126 & 120 for pricing
Customer Notes	





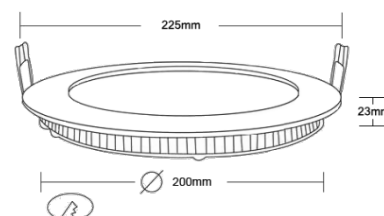
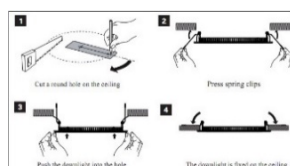
ecoLED

Panel Light 18w

SOH

Round Recessed Panel Light 225mm 18w

Product Codes	PLRs-18w225cw PLRs-18w225nw PLRs-18w225ww PLRs-18w225w3
Mounting Type	Recessed Round
Power Consumption (w)	19.4w
Operating voltage	85-265v
Power Factor	0.50Pf
Chip Type & Count	90 x SMD 2835
Colour temperature	6000k CW 5000k NW 3000k WW 3/5/6000k Switchable
Light output (lumens)	1200 lm (cw) / 1200 lm (nw)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>70
Beam angle (degrees)	120°
Dimming Range	Optional
IP Rating	IP50
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces :	Incandescent 150w Halogen 120w CFL 45w
Warranty (months)	12
Certification	CE, IEC, NRCS & RoHS
Dimensions (L x B x H)	225 x 225 x 23mm (355g) 205 +-5mm hole cut out required
Materials	Diecast Aluminium Casing, Diecast Aluminium Cooler, Polycarbonate Diffuser Lens
Applications	These obtuse beam angle panel lights are ideal in medium to high ceilings, over counters or as dry wall bulkhead fittings. These lights are perfect for bathrooms, kitchens, offices, shops, showrooms and hospitals and stylish for decorative, mood and work uses. They are also suitable for food-safety, humid and medical applications
Limitations	These panel lights are not recommended for ceilings above 5m as a primary source of light unless ceilings and walls are white and their spacing is less than 3m
Other Features	The PLRs-18w225w3 alternates between cool, neutral and warm white, allowing the user to set the mood by simply toggling the light switch. Their bright wide beam angle light makes them suitable as a centre room, bathroom or shallow cavity luminaires
Similar Products	A dimmable version of this panel is available, MOQ applies
Complementary Products	Square panel Lights (pg 57), surface mount ceiling lights (pg 16)
Customer Price	See EOR & Components Price List line 127, 129, 131 & 130 for pricing
Customer Notes	





ecoLED

Panel Light 24w

SOH

Round Recessed Panel Light 300mm 24w

Product Codes	PLRs-24w300cw PLRs-24w300nw PLRs-24w300ww PLRs-24w300w3
Mounting Type	Recessed Round
Power Consumption (w)	22.5w
Operating voltage	85-265v
Power Factor	0.57Pf
Chip Type & Count	120 x SMD 2835
Colour temperature	6000k CW 5000k NW 3000k WW 3/5/6000k Switchable
Light output (lumens)	1600 lm (cw) / 1600 lm (nw)
Rated LED life (hours)	30000

Colour rendering index (CRI)	>70
Beam angle (degrees)	120°
Dimming Range	Non-dimm
IP Rating	IP50
Operating Temp	-10°- 60°C

Max Humidity	85%
Replaces : Incandescent	200w
Replaces : Halogen	180w
Replaces : CFL	60w
Warranty (months)	12

Certification	CE, IEC, NRCS & RoHS
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Dimensions (L x B x H)	295 x 295 x 20mm (631g) 280 +-5mm hole cut out required
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Materials	Diecast Aluminium Casing, Diecast Aluminium Cooler, Polycarbonate Diffuser Lens
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Applications	These obtuse beam angle panel lights are ideal in high ceilings, over counters or as dry wall bulkhead fittings. These lights are perfect for bathrooms, kitchens, offices, shops, showrooms and hospitals and stylish for decorative, mood and work uses. They are also suitable for food-safety, humid and medical environments
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Limitations	These panel lights are not waterproof and cannot be used outdoors if exposed directly to rain or sun, but fine if protected from the elements
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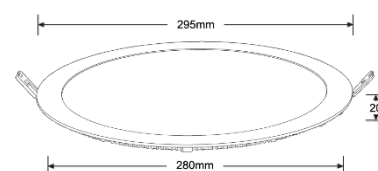
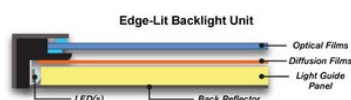
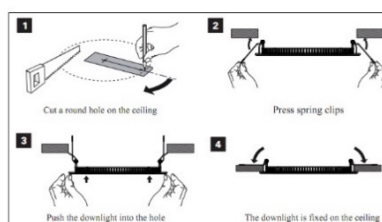
Other Features	The PLRs-24w300w3 alternates between cool, neutral and warm white, allowing the user to set the mood by simply toggling the light switch. Their bright wide beam angle light makes them suitable as a centre room, bathroom or shallow cavity luminaires
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Similar Products	A dimmable version of this panel is available, MOQ applies
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Complementary Products	Square panel Lights (pg 57), surface mount ceiling lights (pg 16)
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Customer Price	See Main Items Price List line 132, 133 & 134 for pricing
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Customer Notes	
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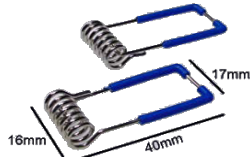
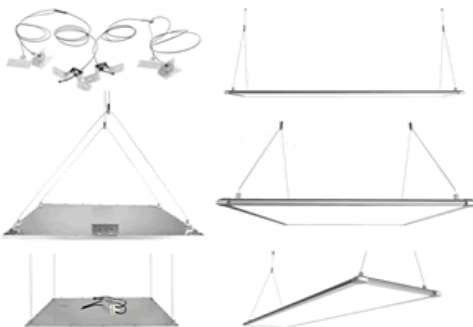
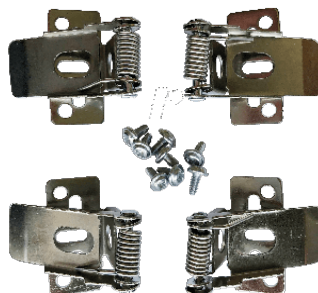


ecoLED

Panel Light Components

SPO

Panel Light Components for Drop Ceiling Panels

Product Codes	PLS-CBL/BRA PLS-SMT-CLPA PLS-SMT-CLPS X-PLR-CLP-SS X-PLSs-60x60b-CAS	
Compatible with	Drop ceiling panels	
Product Descriptions	CBL/BRA = Panel Cable Hangers SMT-CLPA = Squared Panel Surface Mount Adhesive Clips SMT-CLPS = Squared Panel Surface Mount Screw Clips PLR-CLP-SS = Recessed Panel Light Spring Clips 60x60b-CAS = Panel Light Casing 60x60 Backlit	
Rated Life (hours)	50000	
IP Rating	IP69	
Operating Temp	-10°- 60°C	
Max Humidity	100%	
Warranty (months)	1	
Certification	RoHS	
Dimensions (L x B x H)	CBL/BRA = 600 x 1 x 10mm (200g) SMT-CLPA = SMT-CLPS = 50 x 40 x 20 (15g) PLR-CLP-SS = 40 x 17 x 5 (4g) 60x60b-CAS = 585 x 585 x 40mm (200g)	
Materials	CBL/BRA = , Stainless Steel cables and fittings SMT-CLPA = Galvanised Steel SMT-CLPS = Stainless Steel PLR-CLP-SS = Stainless Steel 60x60b-CAS = Polymer	
Applications	These panel light components make the installation of drop ceiling panels onto and into conventional ceilings or as hollow wall bulkhead fittings much faster, easier and stylish. These fittings allow these lights to be used additionally in kitchens, living areas, double volume rooms, offices, shops and workshops. They convert the use of drop ceiling panel lights to now include decorative, mood and specialised applications	
Limitations	They are specifically designed for square or rectangular panels but may work as well on recessed round panels if applied thoughtfully	
Other Features	The X-PLR-CLP-SS are "spare" spring clips for mounting recessed panels only. The X-PLSs-60x60b-CAS are spare backing for 60x60 panels.	
Similar Products	Side lit drop ceiling square and rectangular panels (pg 57 to 60)	
Complementary Products	Round surface panels (pg 16)	
Customer Price	See Main Items Price List line 142 for pricing	
Customer Notes		



Backlit Panel Lights 30cm

SOH

Drop Ceiling Backlit Panel Lights 30 x 30,60,120 Cool White Silver Edition

Product Codes	PLSs-30x30b-18cw PLSs-30x60b-36cw PLSs-30x120b-65cw	
Power Consumption (w)	PLSs-30x30 = 18.49w PLSs-30x60 = 37w PLSs-30x120 = 63.9w	
Operating Voltage	180-240v	
Power Factor	0.60Pf	
Chip Type	Cree COB	
Colour Temperature	6000k CW	
Light Output (lumens)	PLSs-30x30 = 1300lm PLSs-30x60 = 2500lm PLSs-30x120 = 4800lm	
Rated LED Life (hours)	30000	
Colour Rendering Index (CRI)	>75	
Beam Angle (degrees)	113°	
IP Rating	IP40	
Operating Temp	-10° - 60°C	
Max Humidity	85%	
Warranty (months)	12	
Certification	CE, IEC, NRCS & RoHS	
Dimensions (L x B x H)	PLSs-30x30 = 300 x 300 x 50mm (435g); PLSs-30x60 = 301 x 600 x 48mm (850g); PLSs-30x120 = 300 x 1200 x 44mm (1965g)	
Materials	Diecast Aluminium Casing, Diecast Aluminium Cooler	
Applications	These obtuse beam angle panel lights are designed for drop ceilings of any height. These lights can be used in bathrooms and kitchens, but mostly found in offices, shops, showrooms, workshops and hospitals, essentially for work and functional applications. They perfectly fit food-safety and medical criteria	
Limitations	These panel lights are not waterproof and cannot be used outdoors if exposed directly to rain or sun, but fine if protected from the elements. They need a 180-240v power source to operate. They are not as thin and aesthetically refined as side-lit panels	
Other Features	These panels replace an equal in size multiple fluorescent tube box (T-Bay) and use up to 3 times less electricity for the same resultant surface light (lux). Cable hangers are available to make these into decorative domestic and shop lighting. The 600x600 acts as a good trapdoor light when combined with a supporting frame.	
Compatible Dimmers	Not dimmable	
Similar Products	Side lit drop ceiling square and rectangular panels (pg 60)	
Complementary Products	Panel light components (pg 56), Round Surface Panels (pg 16)	
Customer Price	See Main Items Price List line 144, 145 & 143 for pricing	
Customer Notes		

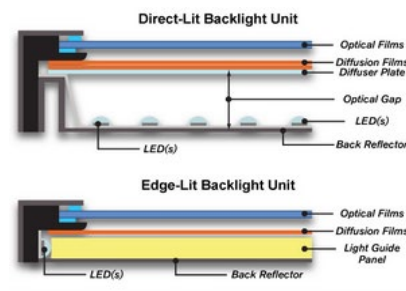
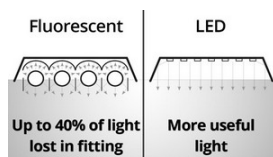


Backlit Panel Lights 60cm

EOR

Drop Ceiling Backlit Panel Lights 60 x 60, 120 Cool White Silver Edition

Product Codes	PLSs-60x60-36cw PLSs-60x60b-50cw PLSs-60x120b-100cw
Power Consumption (w)	PLSs-60x60 = 32w PLSs-60x60 = 43.5w PLSs-60x120 = 103w
Operating Voltage	85-265v
Power Factor	0.60Pf
Chip Type	Cree COB
Colour Temperature	6000k CW
Light Output (lumens)	PLSs-60x60 = 2200lm PLSs-60x60 = 3950lm PLSs-60x120 = 7600lm
Rated LED Life (hours)	30000
Colour Rendering Index (CRI)	>80
Beam Angle (degrees)	140°
IP Rating	IP40
Operating Temp	-10° - 60°C
Max Humidity	85%
Warranty (months)	12
Certification	CE, IEC, NRCS & RoHS
Dimensions (L x B x H)	PLSs-60x60 = 600 x 600 x 12mm (2230g); PLSs-60x60 = 600 x 600 x 32mm (1200g); PLSs-60x120 = 600 x 1200 x 65mm (5100g)
Materials	Diecast Aluminium Casing, Diecast Aluminium Cooler
Applications	These wide obtuse beam angle panel lights are designed for suspended or drop ceilings of any height. These lights can be used in bathrooms and kitchens, but mostly found in offices, shops, showrooms, workshops and hospitals, essentially for work and functional applications. They perfectly fit food-safety and medical criteria
Limitations	These panel lights are not waterproof and cannot be used outdoors if exposed directly to rain or sun, but fine if protected from the elements. They need a 85-265v power source to operate. They are not as thin and aesthetically refined as side-lit panels
Other Features	These panels replace an equal in size multiple fluorescent tube box (T-Bay) and use up to 3 times less electricity for the same resultant surface light (lux). Cable hangers are available to make these into decorative domestic and shop lighting. The 600x600 acts as a good trapdoor light when combined with a supporting frame.
Compatible Dimmers	Not dimmable
Similar Products	Side lit drop ceiling square and rectangular panels (pg 60)
Complementary Products	Panel light components (pg 56), Round Surface Panels (pg 16)
Customer Price	See EOR & Components Price List line 123, 149 & 148 for pricing
Customer Notes	



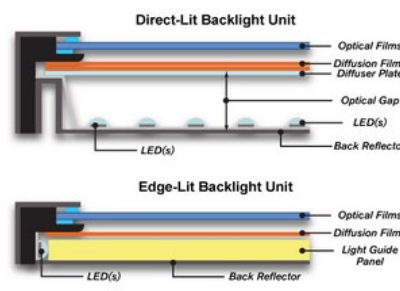
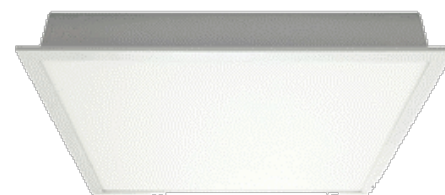
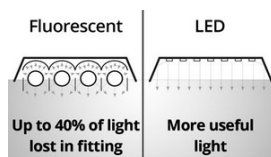

ecoLED

Backlit Panel Lights 595mm

NEW

Drop Ceiling Backlit Panel Lights 595 x 595, 1195 Cool White Silver Edition

Product Codes	PLSs-59x59b-45cw PLSs-59x119b-100cw
Power Consumption (w)	PLSs-59x59 = 42.1w PLSs-59x119 = 98.5w
Operating Voltage	165-265v
Power Factor	0.56Pf
Chip Type	25000 SMD 2835
Colour Temperature	6000k CW
Light Output (lumens)	PLSs-59x59 = 4300lm PLSs-59x119 = 10600lm
Rated LED Life (hours)	25000
Colour Rendering Index (CRI)	>80
Beam Angle (degrees)	120°
IP Rating	IP44
Operating Temp	-10° - 60°C
Max Humidity	85%
Warranty (months)	24
Certification	IEC, NRCS & RoHS
Dimensions (L x B x H)	PLSs-59x59 = 595 x 595 x 35mm (1290g); PLSs-59x119 = 1195 x 595 x 35mm (3300g)
Materials	Powdercoated Casing, Mild Steel Cooler, Polycarbonate Diffuser Lens
Applications	These obtuse beam angle panel lights are designed for drop ceilings of any height. These lights can be used in bathrooms and kitchens, but mostly found in offices, shops, showrooms, workshops and hospitals, essentially for work and functional applications. They perfectly fit food-safety and medical criteria
Limitations	These panel lights are not waterproof and cannot be used outdoors if exposed directly to rain or sun, but fine if protected from the elements. They need a 165-265v power source to operate. They are not as thin and aesthetically refined as side-lit panels
Other Features	These panels replace an equal in size multiple fluorescent tube box (T-Bay) and use up to 3 times less electricity for the same resultant surface light (lux). Cable hangers are available to make these into decorative domestic and shop lighting. The 5mm less than drop ceiling hole size allows for easier installation with greater tolerances
Compatible Dimmers	Not dimmable
Similar Products	Side lit drop ceiling square and rectangular panels (pg 60)
Complementary Products	Panel light components (pg 56), Round Surface Panels (pg 16)
Customer Price	See Main Items Price List line 147 & 146 for pricing
Customer Notes	





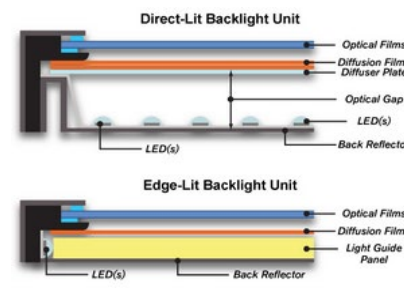
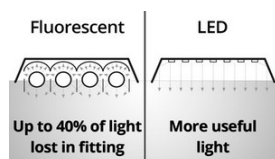
ecoLED

Side Lit Panel Lights 60cm

EOR

Drop Ceiling Side Lit Panel Lights 60 x 60 Cool White Silver Edition

Product Codes	PLSs-60x60-36cw
Power Consumption (w)	60x60-36cw = 32w
Operating Voltage	85-265v
Power Factor	0.60Pf
Chip Type	Cree COB
Colour Temperature	6000k CW
Light Output (lumens)	60x60-36cw = 2200lm
Rated LED Life (hours)	30000
Colour Rendering Index (CRI)	>80
Beam Angle (degrees)	140°
IP Rating	IP40
Operating Temp	-10°- 60°C
Max Humidity	85%
Warranty (months)	12
Certification	CE, IEC, NRCS & RoHS
Dimensions (L x B x H)	60x60-36cw = 600 x 600 x 12mm (2230g)
Materials	Diecast Aluminium Casing, Diecast Aluminium Cooler
Applications	These wide obtuse beam angle panel lights are designed for suspended or drop ceilings of any height. These lights can be used in bathrooms and kitchens, but mostly found in offices, shops, showrooms, workshops and hospitals, essentially for work and functional applications. They perfectly fit food-safety and medical criteria
Limitations	These panel lights are not waterproof and cannot be used outdoors if exposed directly to rain or sun, but fine if protected from the elements. They need a 85-265v power source to operate. They are not as bright and a bit heavier than back-lit panels
Other Features	These panels replace an equal in size multiple fluorescent tube box (T-Bay) and use up to 3 times less electricity for the same resultant surface light (lux). Cable hangers are available to make these into decorative domestic and shop lighting. The 600 x 600 acts as a good trapdoor light when combined with a supporting frame.
Compatible Dimmers	Not dimmable
Similar Products	Back lit drop ceiling square and rectangular panels (pg 57 & 58)
Complementary Products	Panel light components (pg 56), Round Surface Panels (pg 16)
Customer Price	See EOR & Components Price List line 123 for pricing
Customer Notes	




ecoLED

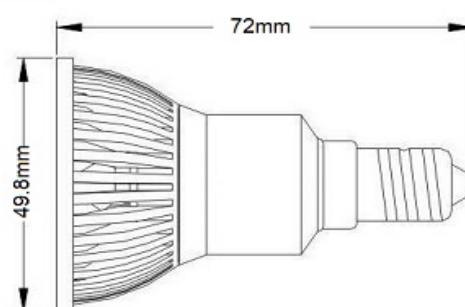
PAR 16 (R50) 60° Spot Light 4w

EOR

E14 PAR 16 (R50) Light 4w Aluminium (PAR 16) Warm White 60° Silver Edition

Product Codes	E14ps-4w4ww
Lamp cap	E14
Power Consumption (w)	4.0w
Operating voltage	85-265v
Power Factor	0.51Pf
Chip Type & Count	4 x 1w HP
Colour temperature	2900k WW
Light output (lumens)	240 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>70
Beam angle (degrees)	60°
Dimming Range	Non-dimmable
IP Rating	IP30
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces :	Incandescent 35w
Halogen	30w
CFL	11w
Warranty (months)	6
Certification	RoHS
Dimensions (L x B x H)	70 x 49 x 49mm (36g)
Materials	Polymer Casing, Machined Aluminium Cooler, Polycarbonate Diffuser Lens
Applications	These medium beam angle PAR lights are made for swivel bulkhead fittings, spotlights and E14 track light fittings. These lights mostly get used in bedrooms, kitchens and living areas for the purpose of decorative, mood or functional lighting
Limitations	These PAR lights are not recommended for fittings that have less than 55mm globe diameter clearance or where the application requires a 360° beam angle as these are designed to focus light in a specific area of choice
Other Features	The 60° beam angle is great for concentrating light onto features, sculptures, artwork or focus areas from a standard E14 fittings placed a fair distance away. Their attractive machined aluminium cooler adds to the aesthetic of chromed or polished steel fittings where the globe head is designed to protrude from the base part of the fitting
Compatible Dimmers	Not dimmable
Similar Products	120° beam angle R50 Spotlight (pg 62)
Complementary Products	12v 60° downlight (pg 30), 230v 60° dimmable downlight (pg 23)
Customer Price	See Main Items Price List line 50 for pricing

Customer Notes



E14ps4w4

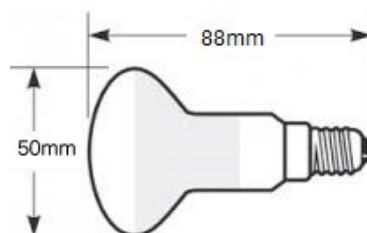

ecoLED

PAR 16 (R50) 120° Spot/Flood Light 4w

SQA

E14 PAR 16 (R50) Light 4w Cool & Warm White 120° Silver Edition

Product Codes	E14ps-4w8cwR50 E14ps-4w8wwR50
Lamp cap	E14
Power Consumption (w)	4.1w
Operating voltage	85-265v
Power Factor	0.55Pf
Chip Type & Count	8 x SMD 2835
Colour temperature	6000k CW 3000k WW
Light output (lumens)	310 lm (cw) / 310 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>70
Beam angle (degrees)	150°
Dimming Range	Non-dimmable
IP Rating	IP62
Operating Temp	-10°- 60°C
Max Humidity	90%
Replaces :	Incandescent 35w Halogen 30w CFL 11w
Warranty (months)	12
Certification	RoHS
Dimensions (L x B x H)	88 x 50 x 50mm (38g)
Materials	TCP Polymer Coated Casing, Internal Aluminium Cooler, Polycarbonate Lens
Applications	These wide obtuse beam angle PAR lights are made for swivel bulkhead fittings, spotlights and E14 track light fittings. These lights mostly get used in bedrooms, kitchens and living areas for the purpose of decorative, mood or functional lighting
Limitations	These PAR lights are not recommended for fittings that have less than 60mm globe diameter clearance or where the application requires a 360° beam angle, as they are designed to focus light in a specific area of choice
Other Features	The 120° beam angle is great for concentrating light onto architectural features, artwork or focus areas from a standard E14 fittings located close to them. Their clean, smooth white finish adds to the aesthetic of white or steel fittings where the globe head is recessed within or designed to protrude from the base part of the fitting
Compatible Dimmers	Not dimmable
Similar Products	60° degree beam angle R50 Spotlight (pg 61)
Complementary Products	12v 60° downlight (pg 30), 230v 60° dimmable downlight (pg 23)
Customer Price	See Main Items Price List line 51 & 52 for pricing
Customer Notes	



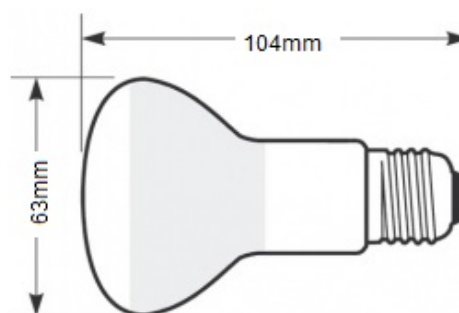


PAR 20 (R63) Spot/Flood Light 8w

SQA

E27 PAR 20 (R63) Light 8w Cool & Warm White Silver Edition

Product Codes	E27p-8w14cwR63 E27p-8w14wwR63
Lamp cap	E27
Power Consumption (w)	7.5w
Operating voltage	85-265v
Power Factor	0.50Pf
Chip Type & Count	35 x SMD 2835
Colour temperature	6000k CW 3000k WW
Light output (lumens)	550 lm (cw)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	120°
Dimming Range	Non-dimmable
IP Rating	IP30
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces :	Incandescent 70w Halogen 60w CFL 22w
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	104 x 63 x 63mm (62g)
Materials	TCP Polymer Coated Casing, Internal Aluminium Cooler, Polycarbonate Lens
Applications	These obtuse beam angle PAR lights are designed for spot-type fittings on ceilings, swivel bulkhead fittings, other interior spotlights and E27 track lights. These lights preside in bedrooms, kitchens and living areas for the purpose of decorative, mood or functional lighting
Limitations	These PAR lights are not recommended for fittings that have less than 70mm globe diameter clearance or where the application requires a 360° beam angle, as they are designed to focus light in a specific area of choice
Other Features	The 120° beam angle is great for concentrating light onto architectural features, artwork or focus areas from a standard E27 fittings located close to them. Their clean, smooth white finish adds to the aesthetic of white or steel fittings where the globe head is designed to protrude from the base part of the fitting or recessed within
Compatible Dimmers	Not dimmable
Similar Products	120° beam angle R50 Spotlight (pg 62)
Complementary Products	PAR 30 Spotlight (pg 64), E27 7w Globe (pg 45)
Customer Price	See EOR & Components Price List line 74 for pricing
Customer Notes	





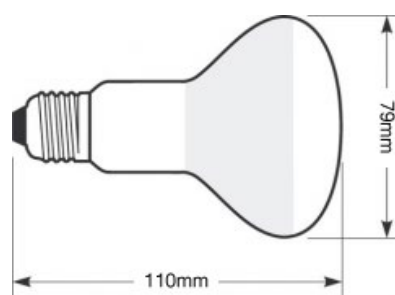
ecoLED

PAR 30 (R80) Spot/Flood Light 9w

SQA

E27 PAR 30 (R80) Light 9w Cool & Warm White

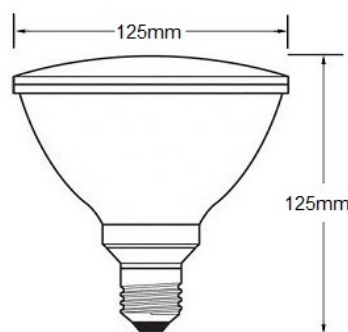
Product Codes	E27p-9w20cwR80 E27p-9w20wwR80
Lamp cap	E27
Power Consumption (w)	9.0w
Operating voltage	85-265v
Power Factor	0.52Pf
Chip Type & Count	18 x SMD 5730
Colour temperature	6000k CW 3000k WW
Light output (lumens)	650 lm (cw)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	120°
Dimming Range	Non-dimmable
IP Rating	IP30
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces :	Incandescent 90w Halogen 80w CFL 27w
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	110 x 79 x 79mm (75g)
Materials	TCP Polymer Coated Casing, Internal Aluminium Cooler, Polycarbonate Lens
Applications	These obtuse beam angle PAR lights are designed for spot-type fittings on ceilings, swivel bulkhead fittings, other interior spotlights and E27 track lights. These lights preside in bedrooms, kitchens and living areas for the purpose of decorative, mood or functional lighting
Limitations	These PAR lights are not recommended for fittings that have less than 90mm globe diameter clearance or where the application requires a 360° beam angle, as they are designed to focus light in a specific area of choice
Other Features	The 120° beam angle is great for concentrating light onto architectural features, artwork or focus areas from a standard E27 fittings located close to them. Their clean, smooth white finish adds to the aesthetic of white or steel fittings where the globe head is designed to protrude from the base part of the fitting or recessed within
Compatible Dimmers	Not dimmable
Similar Products	120° beam angle PAR16 Spotlight (pg 63)
Complementary Products	PAR 38 Spotlights (pg 65), E27 A60 9w Globe (pg 46)
Customer Price	See EOR & Components Price List line 75 for pricing
Customer Notes	





E27 PAR 38 Light 10w Any Colour

Product Codes	E27p-10w20cwP38 E27p-10w20wwP38
Lamp cap	E27
Power Consumption (w)	9.6w
Operating voltage	85-265v AC
Power Factor	0.6pf
Chip Type & Count	20 SMD 2835
Colour temperature	6000k CW / 3000k WW
Light output (lumens)	1000 lm (cw) / 920 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	120°
Dimming Range	Non-dimmable
IP Rating	IP65
Operating Temp	-80°
Max Humidity	95%
Replaces :	Incandescent 100w
	Halogen 80w
	CFL 30w
Warranty (months)	24
Certification	NRCS,ROHs
Dimensions (L x B x H)	125 x 125 x 125mm (147g)
Materials	Glass & Zink Coated Brass Casing, Glass Cooler and Glass Lens
Applications	These obtuse beam angle PAR lights are designed for spot-type, swivel interior and exterior bulkhead fittings and floodlights. These lights are commonly used as plant lighting in gardens and security lighting for driveways, yards and entrances because they are suitable for coastal, damp and extreme environments
Limitations	These PAR lights are not recommended for fittings that have less than 130mm globe diameter clearance or where the application requires a 360° beam angle, as they are designed to focus light in a specific area of choice
Other Features	The 120° beam angle is great for highlighting architectural features or outside focus areas from a standard E27 fittings located close to the lit area. They can be used outdoors in waterproof fittings where the globe is exposed to the elements typically for security lighting fittings incorporating motion sensors. Numerous colours available
Compatible Dimmers	Not dimmable
Similar Products	120° beam angle PAR30 Spotlight (pg 64)
Complementary Products	10w flood light (pg 40), 25w Solar Flood (pg 41)
Customer Price	Please request a quote, MOQ applies
Customer Notes	



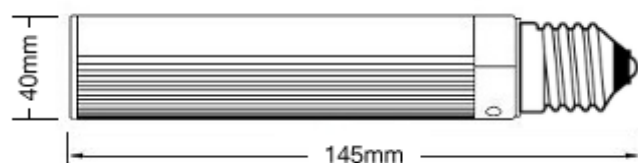


ecoLED

Side Light 5w

EOR

E27 PL/Side Light 5w 180° Rotating Base Cool White



Product Codes	E27h-5w8cw
Lamp cap	E27
Power Consumption (w)	5.3w
Operating voltage	85-265v
Power Factor	0.52Pf
Chip Type & Count	8 x SMD 5630
Colour temperature	6000k CW
Light output (lumens)	420 lm (cw)
Rated LED life (hours)	50000
Colour rendering index (CRI)	>75
Beam angle (degrees)	150°
Dimming Range	Non-dimmable
IP Rating	IP50
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces : Incandescent	50w
Replaces : Halogen	
Replaces : CFL	15w
Warranty (months)	12
Certification	CE, NRCS & RoHS
Dimensions (L x B x H)	145 x 40 x 40mm (137g)
Materials	TR Polymer (PBT) Casing, Extruded Aluminium Cooler, Polycarbonate Lens
Applications	These wide obtuse beam angle PL / Corn lights are specifically designed for high ceilings, confined, bulkhead fittings and shallow dome ceiling fittings. These lights are prominent in bathrooms, bedrooms, kitchens, living areas and offices and specifically for improved LUX per watt in specialised and functional applications
Limitations	These PL / Corn lights are not recommended for fittings that have less than 45mm globe diameter clearance or where the application requires a 360° beam angle as these are designed to focus light in a specific area of choice
Other Features	The 150° beam angle is great for concentrating light in a direction away from the wall or ceiling and doubling the efficiency as half the light is not wasted into the rear of the fitting. The base rotates so the light can be specifically angled irrespective of the seating position of the lamp in the base fitting
Compatible Dimmers	Not dimmable
Similar Products	150° beam angle 8w Side Light (pg 18)
Complementary Products	5w Corn Light (pg 67), G24 Side Light (pg 71)
Customer Price	See EOR & Components Price List line 66 for pricing
Customer Notes	



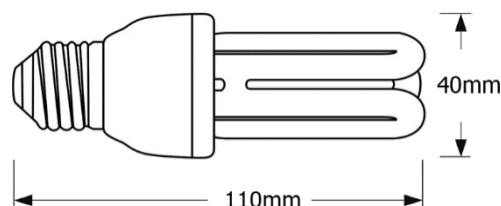
ecoLED

Corn Light 5w

SOH

E27 Corn Light 4w Clear Glass Cool and Warm White Silver Edition

Product Codes	E27hs-5w24cw E27hs-5w24ww
Lamp cap	E27
Power Consumption (w)	3.8w
Operating voltage	85-265v
Power Factor	0.30Pf
Chip Type & Count	24 x SMD 2835
Colour temperature	6500k CW 3200k WW
Light output (lumens)	300 lm (cw) / 300 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	330°
Dimming Range	Non-dimmable
IP Rating	IP50
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces :	Incandescent 30w Halogen CFL 9w
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	110 x 40 x 40mm (38g)
Materials	TR Polymer (PBT) Casing, Aluminium PCB & Glass Cooler, Clear Glass Lens
Applications	These wide reflex beam angle PL / Corn lights are versatile enough for low ceilings, in chandeliers, confined, bulkhead fittings and most compact globe applications. These lights are good for bathrooms, bedrooms and living areas or other applications requiring work, specialised or functional lighting
Limitations	These PL / Corn lights are not recommended for fittings that have less than 45mm globe diameter clearance or where the application requires narrow beam angle light to be focused toward a specific area only
Other Features	The 330° beam angle is great for applications that require very wide light coverage. They are also ideal for fittings using reflectors such as recessed PL ceiling fittings that redirect this (360°) light to the direction and beam angle of the fitting's design. This beam angle makes them an excellent choice for bulkhead and dome ceiling fittings
Compatible Dimmers	Not dimmable
Similar Products	150° beam angle 5w Side Light (pg 66)
Complementary Products	150° beam angle 8w Side Light (pg 18), 9w Corn Light (pg 68)
Customer Price	See Main Items Price List line 68 & 69 for pricing
Customer Notes	





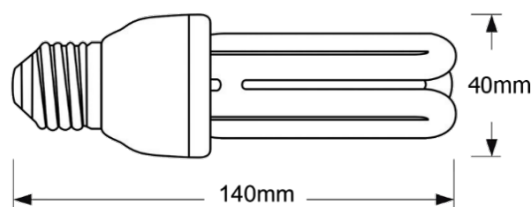
ecoLED

Corn Light 9w

SOH

E27 Corn Light 6.5w Clear Glass Cool and Warm White Silver Edition

Product Codes	E27hs-9w48cw E27hs-9w48ww
Lamp cap	E27
Power Consumption (w)	6.3w
Operating voltage	85-265v
Power Factor	0.52Pf
Chip Type & Count	48 x SMD 2835
Colour temperature	6500k CW
Light output (lumens)	500 lm (cw) / 500 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	330°
Dimming Range	Non-dimmable
IP Rating	IP50
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces	: Incandescent 50w : Halogen : CFL 18w
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	140 x 40 x 40mm (50g)
Materials	TR Polymer (PBT) Casing, Aluminium PCB & Glass Cooler, Clear Glass Lens
Applications	These wide reflex beam angle PL / Corn lights are versatile enough for medium ceilings, confined, bulkhead fittings and most narrow globe applications. These lights are good for bathrooms, bedrooms, kitchens and living areas or other applications requiring work, specialised or functional lighting
Limitations	These PL / Corn lights are not recommended for fittings that have less than 45mm globe diameter clearance or where the application requires narrow beam angle light to be focused towards a specific area only
Other Features	The 330° beam angle is great for applications that require very wide light coverage. They are also ideal for fittings using reflectors such as recessed PL ceiling fittings that redirect this (360°) light to the direction and beam angle of the fitting's design. This beam angle makes them an excellent choice for bulkhead and dome ceiling fittings
Compatible Dimmers	Not dimmable
Similar Products	Lower Wattage Corn Light (pg 67)
Complementary Products	150° beam angle 8w Side Light (pg 18), Higher Wattage Corn Light (pg 69)
Customer Price	See Main Items Price List line 70 & 71 for pricing
Customer Notes	





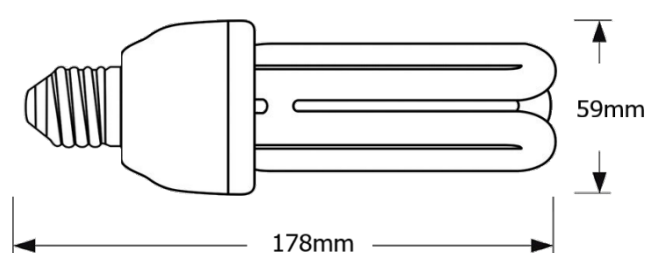
ecoLED

Outdoor Corn Light 20w

SOH

E27 Outdoor Corn Light 20w Clear Glass Cool and Warm White

Product Codes	E27sls-20w96cw E27sls-20w96ww
Lamp cap	E27
Power Consumption (w)	17.6w
Operating voltage	85-265v
Power Factor	0.61Pf
Chip Type & Count	96 x SMD 2835
Colour temperature	6500k CW 3000k WW
Light output (lumens)	1650 lm (cw) / 1550 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	330°
Dimming Range	Non-dimmable
IP Rating	IP30
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces :	Incandescent 180w Halogen 60w CFL
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	178 x 59 x 59mm (108g)
Materials	TR Polymer (PBT) Casing, Aluminium PCB & Fan Cooler, Polycarbonate Lens
Applications	These wide reflex beam angle PL / Corn lights are suitable for high/low bay, floods and other large E27 fittings. These lights work well in showrooms, warehouses, workshops and many outdoor fittings used for decorative, security, horticultural, specialised or functional applications and perfect for coastal and humid environments
Limitations	These PL / Corn lights are not recommended for fittings that have less than 65mm globe diameter clearance or where the application requires narrow beam angle light to be focused toward a specific area only. They are too large for most domestic fittings
Other Features	The 330° beam angle is great for applications that require wide area light coverage. They are also ideal for large fittings using reflectors such as High/Low Bay and Flood lights that redirect this (360°) light in the direction and beam angle of the fitting's design. This beam angle makes them a great choice for Bollard and Street lights too
Compatible Dimmers	Not dimmable
Similar Products	Lower Wattage Corn Light (pg 68)
Complementary Products	Higher Wattage Corn Lights (pg 70), 20w Mosquito Light (pg 17)
Customer Price	See EOR & Components Price List line 76 & 77 for pricing
Customer Notes	





ecoLED

Outdoor Corn Light under 40w

SQA

E27 Outdoor Corn Light 28w & 38w Clear Glass Cool White

Product Codes	E27sls-32w160cw E27sls-40w200cw
Lamp cap	E27
Power Consumption (w)	E27sls-32 = 28.45w E27sls-40 = 38w
Operating voltage	85-265v
Power Factor	0.60Pf
Chip Type & Count	SMD 2835
Colour temperature	6500k CW
Light output (lumens)	E27sls-32 = 2200 lm E27sls-40 = 3000 lm
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	330°
Dimming Range	Non-dimmable
IP Rating	IP50
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces	: CFL / HID E27sls-32 = 80w : CFL / HID E27sls-40 = 120w
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	E27sls-32 = 260 x 76 x 76mm (200g); E27sls-40 = 271 x 81 x 81mm (275g)
Materials	TR Polymer (PBT) Casing, Aluminium PCB & Fan Cooler, Polycarbonate Lens
Applications	These wide reflex beam angle PL / Corn lights are suitable for high/low bay, floods and other large E27 fittings. These lights work well in showrooms, warehouses, workshops and many outdoor fittings used for decorative, security, horticultural, specialised or functional applications and perfect for coastal and humid environments
Limitations	These PL / Corn lights are not recommended for fittings that have less than 80mm globe diameter clearance or where the application requires narrow beam angle light to be focused towards a specific area only
Other Features	The 330° beam angle is great for applications that require wide area light coverage. They are also ideal for large fittings using reflectors such as High/Low Bay and Flood lights that redirect this (360°) light in the direction and beam angle of the fitting's design. This beam angle makes them a great choice for Bollard and Street lights too
Similar Products	Lower Wattage Corn Light (pg 69)
Complementary Products	High Wattage Filament Bulbs (pg 81), Higher Wattage Bay Light Retrofit Globes (pg 3)
Customer Price	See EOR & Components Price List line 78 & 79 for pricing
Customer Notes	



E27sls3240



ecoLED

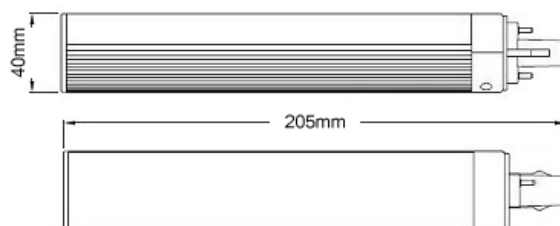
PL/Side Light 9w

EOR

G23/G24 PL/Side Light 9w 180° rotating base CW SE

E27 PL/Side Light 8w 150° Rotating Base Cool and Warm White

Product Codes	G24h-9w8cw G24h-9w8ww G24h-9w9cw
Lamp cap	G23/G24
Power Consumption (w)	9.0w
Operating voltage	85-265v
Power Factor	0.54Pf
Chip Type & Count	8 x 1w HP
Colour temperature	6000k CW
Light output (lumens)	650 lm (cw) / 600 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>70
Beam angle (degrees)	150°
Dimming Range	Non-dimmable
IP Rating	IP40
Operating Temp	-10°- 60°C
Max Humidity	85%
Replaces	: Halogen 90w : CFL 27w
Warranty (months)	3
Certification	NRCS & RoHS
Dimensions (L x B x H)	205 x 40 x 40mm (227g)





Materials	TR Polymer Casing, Extruded Aluminium Cooler, Polycarbonate Lens
Applications	These wide obtuse beam angle PL / Corn lights specifically designed for high PL ceilings, PL bulkhead fittings and other larger PL fittings. These lights are most common in offices, shops, showrooms and older hospitals, specifically where increased LUX per watt in specialised and functional applications is required
Limitations	These PL / Corn lights are not recommended for fittings that have less than 45mm globe diameter clearance or where the application requires a 360° beam angle as these are designed to focus light in a specific area of choice
Other Features	The 150° beam angle is great for concentrating light in a direction away from the wall or ceiling and doubling the efficiency as half the light is not wasted into the rear of the fitting. The base rotates so the light can be specifically angled irrespective of the seating position of the lamp in the base fitting
Compatible Dimmers	Not dimmable
Similar Products	150° beam angle Side light 8w (pg 18)
Complementary Products	150° beam angle Side light 5w (pg 66), 9w Corn Light (pg 68)
Customer Price	See EOR & Components Price List line 75, 76 & 96 for pricing
Customer Notes	



12v DC Transformers

SOH

12vDC Constant Voltage Transformers

Product Codes	TRF-DC12CV25 TRF-DC12CV60 TRF-DC12CV350		
Max Output Rating (w)	DC12CV25 = 24w (2A) DC12CV60 = 60w (5A) DC12CV350 = 350w (30A)		
Input Voltage (v)	200v - 240vAC		
Output Voltage	12v DC		
Output Type	Constant Voltage		
Design Type	DC12CV25 = 2 Pin Wall Socket Mount DC12CV60 = 2 Pin Desktop DC12CV350 = Aluminium Case Lug Type		
Rated Life (hours)	10000		
Dimming Range	Triac or Phase dimming		
IP Rating	IP50		
Operating Temp	-10°- 60°C		
Max Humidity	85%		
Warranty (months)	0.25		
Certification	RoHS		
Dimensions (L x B x H)	DC12CV25 = 120 x 50 x 30mm (97g) DC12CV60 = 220 x 56 x 32mm (237g) DC12CV350 = 250 x 140 x 40mm (1000g)		
Materials	DC12CV25 = ABS Casing DC12CV60 = ABS Casing DC12CV350 = Aluminium Casing		
Applications	These transformers are primarily used for 12v LED Strip Lighting but are also suitable for other 12v LED lights like MR16's. They vary in max output rating for various load demands and range from light and compact to heavy and powerful		
Limitations	These transformers are not waterproof but some are splashproof. Like any transformers, short circuit and overload can cause damage and not recommended.		
Other Features	The smaller transformers come with the correct plug that fits directly into the Strip light connector for easy connection. These units have 2 pin plugs as these are much smaller and easier to conceal and fit 2 pin RSA plug sockets and adaptors. The larger transformers have a connector block for easy connection of multiple loads and circuits		
Similar Products	Constant Current Transformers (pg 77), 85v to 240v Drivers (pg 78)		
Complementary Products	Strip Lights (pg 83,pg 82,pg 84), MR16 Globes (pg 30,pg 31,pg 29)		
Customer Price	See EOR & Components Price List line 219 & 221 for pricing		
Customer Notes			



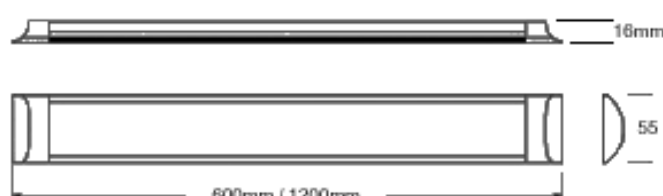
Aluminium Profiles for LED strip light

Product Codes	SLP-CNR-CRV2 SLP-REC-SML2 SLP-SMT-SQS2 SLP-SMT-STP	
Supplied Lengths	NR-CRV2 = 2000mm EC-SML2 = 2000mm MT-SQS2 = 2000mm SMT-STP = 1000mm	
Products for use with	LED strip light	
Lens Material	Translucent Polycarbonate	
Channel Material	Anodised Aluminium	
Colour	Silver	
Included Components per length	1 x Channel 1 x Dissipation Cover 2 x End caps 4 x mounting clips	
Rated Life (hours)	50000	
Max Strip Width	12mm	
Max Beam Angle (degrees)	140°	
IP Rating	IP64	
Operating Temp	-20°- 100°C	
Max Humidity	90%	
Warranty (months)	12	
Certification	NRCS & RoHS	
Dimensions (L x B x H)	NR-CRV2 = 2000 x 16 x 16mm (219g); MT-SQS2 = 2000 x 20 x 8mm (220g);	
Materials	Anodised Aluminium Casing, Translucent Polycarbonate Lens, HIPS,PP or Steel fittings	
Applications	These profiles are ideal for over or under counters, inside cabinets and great in bathrooms. They turn any ugly LED strip light into an attractive luminaire and dissipate the harsh bright dots from a bare LED strip into a more aesthetically pleasing light	
Other Features	The SLP-CNR-CRV2 option of these profiles is used to mount strip lights into the corner of two adjoining 90° surfaces, creating a sleek linear corner light. The SLP-REC-SML2 option is used to mount strip lights into a recessed cavity creating a reasonably flush to surface finish. The SLP-SMT-SQS2 option of this profile is used to mount strip lights onto a horizontal, vertical or inverted surface in a more secure and aesthetically appealing manner, all with the benefit of improved light dissipation. The SLP-SMT-STP is used to illuminate the edge of a step and form a stepping plate to protect the light and step	
Limitations	These profiles are DIY and come in the above lengths only. They can be cut to any size	
Similar Products	Components are available separately. We also stock T8 retrofit profiles (pg 74)	
Complementary Products	We offer a variety of strip lights that are suitable for these profiles (pg 82 to 84)	
Customer Price	See EOR & Components Price List line 188, 189, 191 & 192 for pricing	
Customer Notes	1m lengths are currently still available on some profiles	



Aluminium T5 & T8 Retrofit Profiles for LED strip light

Product Codes	SLP-SMT-T582 SLP-SMT-T584
Supplied Lengths	MT-T582 = 600mm MT-T584 = 1200mm
Products for use with	LED strip light
Lens Material	Translucent Polycarbonate
Channel Material	Anodised Aluminium
Colour	Silver
Included Components per length	1 x Channel 1 x Dissipation Cover 2 x End caps 2 x mounting clips
Rated Life (hours)	50000
Max Strip Width	12mm
Max Beam Angle (degrees)	140°
IP Rating	IP64
Operating Temp	-20°- 100°C
Max Humidity	90%
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	MT-T582 = 600 x 55 x 16mm (g); MT-T584 = 1200 x 55 x 16mm (145g)
Materials	Anodised Aluminium Casing, Translucent Polycarbonate Lens, HIPS, PP or Steel fittings
Applications	These profiles are ideal for over or under counters, under cabinets and great in bathrooms. They turn any ugly LED strip light into an attractive luminaire and dissipate the harsh bright dots from a bare LED strip into a more aesthetically pleasing light
Other Features	The SLP-SMT-T582 is a 2 foot profile into which one can insert up to three 0.6m rigid or flexible pieces of strip light forming a 12v fluorescent-like luminaire. The SLP-SMT-T584 is a 4 foot profile into which one can insert up to three 1.2m rigid or flexible pieces of strip light. If required, a transformer can either be connected internally or externally. A milky diffuser lens covers the internal strips and dissipates the light evenly. Profiles make for great decorative and subdued lighting installations & may be used in or outdoors. They can be cut or joined to suit your required length
Limitations	These profiles are DIY and come in the above lengths only
Similar Products	Components are available separately. Cabinet strip profiles (pg 73)
Complementary Products	We offer a variety of strip lights that are suitable for these profiles (pg 82 to 84)
Customer Price	See Main Items Price List line 193 & 194 for pricing
Customer Notes	



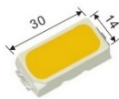


ecoLED

Rope Light 2835 & 3014 Silver Edition

SOH

230v 2835 & 3014 Rope Light 10w /m, IP60 (PVC) Cool & Warm White Dimmable

Product Codes	RL2835-120-1Fcw RL2835-120-1Fww RL3014-120-1Fcw	 3014		
Power Consumption (w)	RL2835 = 8.4w RL3014 = 4.55w			
Operating Voltage	85-265v			
Power Factor	0.98Pf			
Chip Type	120 x SMD 2835 115 x SMD 3014			
Colour Temperature	6000k CW 3000k Warm White			
Light Output (lumens)	RL2835 = 700lm RL3014 = 250lm			
Rated LED Life (hours)	25000			
Colour Rendering Index (CRI)	>80			
Beam Angle (degrees)	120°			
IP Rating	IP60			
Operating Temp	-10° - 60°C			
Max Humidity	90%			
Warranty (months)	12			
Certification	CE, NRCS & RoHS			
Dimensions (L x B x H)	RL2835 = 1000 x 16 x 7mm (116g); RL3014 = 990 x 20 x 16mm (151g)			
Materials	Clear Polyvinylchloride Casing, Aluminium Composite Cooler			
Applications	These obtuse beam angle indoor rope lights are ideal for mine tunnels, backlighting, feature contour lighting, hidden ceiling and cornice lighting or any area that requires a long continuous light source. They are quite resilient to salty environments			
Limitations	These rope lights are not submersible but are splashproof and need a 85-265v power source. They can only be cut in multiples of 1m. They should not be bent on their flat plane. Extended exposure to direct sunlight will discolour the clear cover over time			
Other Features	They are flexible and can be bent around corners of >5cm radius. The closer chip spacing gives a less spotty light effect than 60 chips per meter rope. They come in rolls of 100m and can be cut to any multiple of 1m. They can be run in lengths of up to 100m with the correct driver size (max 50m on the 2835 rope is recommended)			
Compatible Dimmers	No dimmer modules recommended yet but the strip can be dimmed			
Similar Products	Similar products are available for 12v and 24v lights (pg 83, pg 82)			
Complementary Products	Mounting Clips (pg 77), Rope Light Drivers (pg 78), Aluminium Profiles (pg 73)			
Customer Price	See EOR & Components Price List line 155, 156 & 157 for pricing			
Customer Notes				



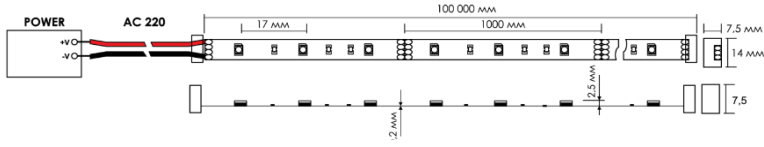

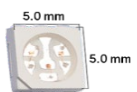


ecoLED

Rope Light 10w Silver Edition

SOH

230v 5050 Rope Light 10w /m, IP60 (PVC) Cool White Dimmable

Product Codes	RL5050-60-1F230cw RL5050-60-1F230blu RL5050-60-1F230rgb RL5050-60-1F230ww	 <p>5050</p>	
Power Consumption (w)	9.5w		
Operating Voltage	85-265v		
Power Factor	0.95Pf		
Chip Type	60 x SMD 5050		
Colour Temperature	cw = 6000k CW blu = 15000k Blue rgb = 800-15000k Multi-Colour ww = 3000k WW		
Light Output (lumens)	cw = 400lm blu = 300lm rgb = 300lm ww = 400lm		
Rated LED Life (hours)	25000		
Colour Rendering Index (CRI)	>70		
Beam Angle (degrees)	120°		
Dimming Range	100%		
IP Rating	IP60		
Operating Temp	-10°- 60°C		
Max Humidity	90%		
Warranty (months)	12		
Certification	CE, NRCS & RoHS		
Dimensions (L x B x H)	1000 x 16 x 7mm (117g)		
Materials	Clear Polyvinylchloride Casing, Aluminium Composite Cooler		
Applications	These obtuse beam angle indoor rope lights are ideal for mine tunnels, backlighting, feature contour lighting, hidden ceiling and cornice lighting or any area that requires a long continuous light source. They are quite resilient to salty environments		
Limitations	These rope lights are not submersible but are splashproof and need a 85-265v power source. They can only be cut in multiples of 1m. They should not be bent on their flat plane. Extended exposure to direct sunlight will discolour the clear cover over time		
Other Features	They are flexible and can be bent around corners of >5cm radius. They are cool to the touch and safe to handle while on where joints are not present. They come in rolls of 100m and can be cut to any multiple of 1m. They can be run in lengths of up to 100m with the correct driver size (max 50m is recommended). No transformer is needed		
Compatible Dimmers	No dimmer modules recommended yet but the strip can be dimmed		
Complementary Products	Mounting Clips (pg 77), Drivers & RGB Controllers (pg 78), Aluminium Profiles (pg 73)		
Customer Price	See Main Items Price List line 165, 164, 166 & 167 for pricing		
Customer Notes			



Rope Light Components

SOH

230v Rope Light Components for 16mm Rope Light

Product Codes	RL5050-230CLP RL5050-230JN RL5050-230JNrgb X-RL5050-DPN2 X-RL5050-DPN4 X-RL5050-EC-LG	 
Compatible with	16mm Rope Light	
Product Descriptions	230CLP = Rope Light Mounting Clip 230JN = Rope Joiner 180° JNrgb = Rope Joiner 180° for RGB DPN2 = Rope Light Driver Pin DPN4 = Rope Light Driver Pin for RGB EC-LG = Rope Light End Cap	 
Rated Life (hours)	50000	
IP Rating	IP68	
Operating Temp	-10° - 60°C	
Max Humidity	100%	
Warranty (months)	12	
Certification	CE & RoHS	
Dimensions (L x B x H)	230CLP = 33 x 10 x 8mm (0.97g); JNrgb = 31 x 16 x 10mm (3g); DPN4 = 22 x 15 x 4mm (1g);	230JN = 31 x 16 x 10mm (3g); DPN2 = 22 x 15 x 4mm (0.8g); EC-LG = 18.5 x 10.5 x 12mm (1.68g)
Materials	230CLP = Clear Polypropylene Casing 230JN = Clear Polyvinylchloride Casing JNrgb = Clear Polypropylene Casing DPN2 = Polycarbonate Casing, Chromium Plated Brass Pins DPN4 = Polycarbonate Casing, Chromium Plated Brass Pins EC-LG = , Polyvinylchloride/Clear Polypropylene	
Applications	These rope light components are for 12mm and 16mm wide LED rope lights. The design and materials used in these components make them most resilient to salty environments. Correct installation can ensure these components are waterproof	
Limitations	Silicone or other appropriate sealer is required to make these rope light components waterproof. Careful installation is required and all joints need to be properly connected to prevent unplanned rope light separation	
Other Features	The end caps come included with the drivers but they can be bought separately like the rest of the components. Rope light joiners are transparent to eliminate the light gap as a result of unevenly spaced or obscured LED chips. The clips are strong and flexible allowing better fastening to uneven surfaces	
Similar Products	Similar products are available for 12v and 24v Rope lights (pg 87)	
Complementary Products	Rope Lights (pg 75 & 76), Drivers & RGB Controllers (pg 78), Aluminium Profiles (pg 73)	
Customer Price	See Main Items Price List line 159, 160 & 161 for pricing	
Customer Notes		



Rope Light Drivers

SOH

110v & 230v 16 mm Rope Light Drivers Single Colour and RGB

Product Codes	RL16-230PWRC RL16-230PWrgbB RL5050-110PWR RL5050-230PWR RL5050-230PWrgb	
Max Peak Power Load (w)	230PWRC = 800w 230PWrgbB = 700w 110PWR = 110w 230PWR = 750w 230PWrgb = 700w	
Input Voltage	230PWRC = 220-240v 230PWrgbB = 220-240v 110PWR = 85-265v 230PWR = 85-265v 230PWrgb = 85-265v	
Frequency	50Hz	
Dimming Range	Varies between products	
Rated Life (hours)	30000	
IP Rating	IP60	
Operating Temp	-10°- 60°C	
Max Humidity	90%	
Warranty (months)	24	
Certification	IEC, NRCS & RoHS	
Dimensions (L x B x H)	230PWRC = 520 x 40 x 13mm (88g); 230PWrgbB = 530 x 48 x 24mm (72g); 230PWR = 487 x 30 x 15mm (76g); 230PWrgb = 620 x 50 x 34mm (139g)	
Materials	230PWRC = Polypropylene Casing, Aluminium Cooler 230PWrgbB = HIPS Casing 230PWR = Polypropylene Casing	
Applications	These rope light drivers are required to power 16mm wide 80-240v LED rope lights. The design and materials used in these drivers make them most resilient to salty environments. The single colour rope light drivers are waterproof	
Limitations	Only the single colour rope light drivers may be used outdoors. They need a 100-240v power source. They need to be installed out of reach and all joints need to be properly sealed against water ingress and to prevent easy separation.	
Other Features	They come with a 2 pin plug for easy connection to a power socket. The single colour rope drivers are compact and are generally easy to obscure in installations. The RL5050-230PWrgb driver comes with a remote control to manually select single colours or set various colour changing patterns as well as dim the rope light	
Compatible Dimmers	No specific dimmers recommended yet	
Similar Products	These drivers fulfil a similar function to the "Transformers" required for LED strip light	
Complementary Products	Mounting Clips, Caps & Joiners (pg 77), Single Colour and RGB Rope Lights (pg 75 & 76)	
Customer Price	See Main Items Price List line 153, 154, 158, 162 & 163 for pricing	
Customer Notes		




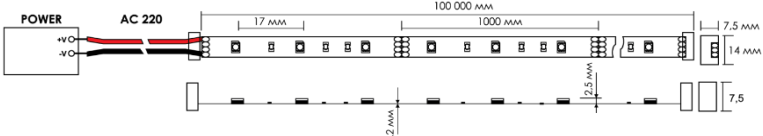










ecoLED

Rope Light 40w RGB Prepack

SPO

230v 5050 Rope Light 10w/m, IP60 (PVC) Multi-Colour 5m Box

Product Codes	RL5050-60-5P230rgb	  
Power Consumption (w)	40w	
Operating Voltage	85-265v	
Power Factor	0.90Pf	
Chip Type	60 x SMD 5050 5P230rgb = 800-15000k RGB	
Colour Temperature		  
Light Output (lumens)	5P230rgb = 300lm	
Rated LED Life (hours)	25000	
Colour Rendering Index (CRI)	>70	
Beam Angle (degrees)	120°	
Dimming Range	75%	 
IP Rating	IP60	
Operating Temp	-10°- 60°C	
Max Humidity	90%	
Warranty (months)	24	
Certification	NRCS & RoHS	 
Dimensions (L x B x H)	5000 x 16 x 7mm (700g)	
Materials	Clear Polyvinylchloride Casing, Aluminium Composite Cooler	
Applications	These obtuse beam angle indoor rope lights are ideal for mine tunnels, backlighting, feature contour lighting, hidden ceiling and cornice lighting or any area that requires a long continuous light source. They are quite resilient to salty environments	
Limitations	These rope lights are not submersible but are splashproof and need a 85-265v power source. They can only be cut in multiples of 1m. They should not be bent on their flat plane. Extended exposure to direct sunlight will discolour the clear cover over time	
Other Features	They are flexible and can be bent around corners of >5cm radius. They are cool to the touch and safe to handle while on where joints are not present. They come in rolls of 100m and can be cut to any multiple of 1m. They can be run in lengths of up to 100m with the correct driver size (max 50m is recommended). No transformer is needed	 
Compatible Dimmers	No dimmer modules recommended yet but the strip can be dimmed	
Complementary Products	Mounting Clips (pg 77), Drivers & Controllers (pg 78), Aluminium Profiles (pg 73)	
Customer Price	See Main Items Price List line 168 for pricing	
Customer Notes		



RopeP



Solar Street Light 60-90w

SQL

Pole Mount Solar Street Light 60w & 90w with solar panel, day/night & radar sensor

Product Codes	STLSOL-60w112cw STLSOL-90w168cw
Lamp Cap	Pole Mount
Power Consumption (w)	STLSOL-60 = 60w STLSOL-90 = 90w
Operating Voltage	Solar
Power Factor	1.00Pf
Chip Type	SMD
Colour Temperature	6000k CW
Light Output (lumens)	STLSOL-60 = 3000lm STLSOL-90 = 4500lm
Rated LED Life (hours)	40000
Colour Rendering Index (CRI)	>80
Beam Angle (degrees)	120°
Dimming Range	Non-dimmable
IP Rating	IP67
Operating Temp	-20°- 60°C
Max Humidity	100%
Replaces	: STLSOL-60 Sodium HID 120w : STLSOL-90 Sodium HID 200w
Warranty (months)	24
Certification	NRCS & RoHS
Dimensions (L x B x H)	STLSOL-60 = 500 x 210 x 56mm (2048g); STLSOL-90 = 625 x 230 x 53mm (2722g)
Materials	Diecast Aluminium Casing, Diecast Aluminium Cooler, Polycarbonate Lens, 10AH Lithium Iron PO4 Battery, 6v 12w Polycrystalline Solar Panel
Applications	These obtuse beam angle outdoor street lights are ideal for driveways, roadside, walkways or parking areas or any area that does not have an easily accessible power supply for the light and requires pole mountable moderate area bright light coverage
Limitations	These street lights are not recommended for indoor use. Their brightness is about 50% of a conventional 230v street light of the same wattage (lm/w = 50%). They cannot be powered on 230v mains
Other Features	These street lights come with their own solar panel and battery as a sustainable power source. They have a lux sensor to switch on the light (that should be mounted out of reach). They are IP67 waterproof. The solar panel and battery are integrated into the head unit thereby making theft of the battery more difficult
Compatible Dimmers	The light auto dims when the battery runs low.
Similar Products	A non-solar version of this Flood light is available, see Datasheet Street
Complementary Products	Mounting pole, solar walkway lights
Customer Price	See EOR & Components Price List line 197 & 198 for pricing
Customer Notes	



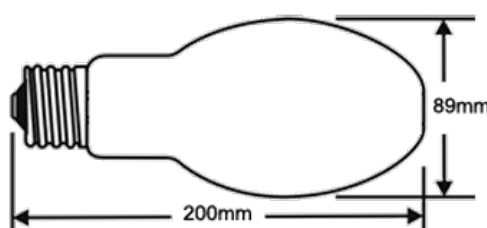


HID Retrofit Light 36w

SPO

E40 HID Retrofit Light 36w High Lumen Filament LED Clear Glass Cool & Warm White

Product Codes	E40rfb-36w4cw E40rfb-36w4ww
Lamp cap	E40
Power Consumption (w)	36.0w
Operating voltage	85-265v
Power Factor	0.60Pf
Chip Type & Count	4 x Filament
Colour temperature	6000k CW 2900k WW
Light output (lumens)	4950 lm (cw) / 4950 lm (ww)
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	360°
Dimming Range	Non-dimmable
IP Rating	IP65
Operating Temp	-10°- 60°C
Max Humidity	100%
Replaces	: Halogen 450w : CFL 140w
Warranty (months)	24
Certification	CE & RoHS
Dimensions (L x B x H)	200 x 89 x 89mm (143g)
Materials	Nickle coated Copper Casing, Glass Vacuum Cooler, Clear Glass Lens
Applications	These 360° beam angle PL / Corn lights are perfect for high/low bay, floods and street light retrofits. These lights are compact with high lm/w, making them ideal for showrooms, warehouses, workshops and outdoor locations, mainly for security, sports and specialised applications. They are suitable for coastal for extreme environments
Limitations	These PL / Corn lights are not recommended for fittings that have less than 45mm globe diameter clearance or where the application requires narrow beam angle light to be focused toward a specific area only
Other Features	The 360° beam angle is great for applications that require wide area light coverage. They are also ideal for large fittings using reflectors such as High/Low Bay and Flood lights that redirect this (360°) light in the direction and beam angle of the fitting's design. This beam angle makes them a great choice for bollard and park lights too
Compatible Dimmers	Not dimmable
Similar Products	E40 Corn Light (pg 70)
Complementary Products	Larger High Bay Retrofit Bulbs (pg 3)
Customer Price	See Main Items Price List line 65 & 66 for pricing
Customer Notes	





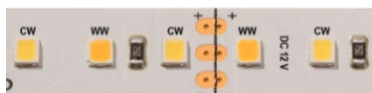
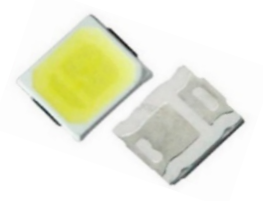
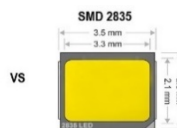
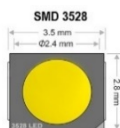
ecoLED

Strip Light 2835 (16w) Single Colour

SQA

12v 2835 Strip Light 16w /m, 5 & 10m Roll Cool, Warm White & CCT Changing

Product Codes	SL2835-120-5Fctc SL2835-120-5Fcw SL2835-120-5Fww SL2835-120-10Fctc	
Power Consumption (w)	16w	
Operating Voltage	12v DC	
Power Factor	1.00Pf	
Chip Type & Qty / Metre	120 x SMD 2835	
Colour Temperature	ctc = 3000 to 6000k CCT Select cw = 6000k CW ww = 3000k WW ctc = 3000 to 6000k CCT Select	
Light Output (lumens)	ctc = 800lm cw = 800lm ww = 800lm ctc = 800lm	
Rated LED Life (hours)	30000	
Colour Rendering Index (CRI)	>70	
Beam Angle (degrees)	120°	
Dimming Range	100%	
IP Rating	IP64	
Operating Temp	-10°- 60°C	
Max Humidity	90%	
Warranty (months)	12	
Certification	CE, NRCS & RoHS	
Dimensions (L x B x H)	ctc = 5000 x 10 x 3mm (g); ww = 5000 x 8 x 2mm (119g);	
Materials	Silicone, PU or Uncoated Casing, Aluminium Copper Composite PCB Cooler	
Applications	These obtuse beam angle indoor strip lights are ideal for undercounters, in cabinets, backlighting, feature contour lighting, stepped ceiling and cornice lighting or any area that requires <10m linear light source .They are quite resilient to salty environments	
Limitations	These strip lights are not submersible but are splashproof and need a 12v DC power source. They should not be bent on their flat plane. Extended exposure to direct sunlight will discolour the clear cover over time	
Other Features	They are flexible and can be bent around corners of >2cm radius. The 12v makes them safe to touch while illuminated. They come in rolls of 5m and can be cut to any multiple of 5cm. They can be run in lengths of up to 10m with the correct transformer. The underside has an adhesive coating for easy application to most non-porous surfaces	
Compatible Dimmers	DIMCTRCCT12v, DIMCRODC-12v8A	
Complementary Products	Strip Components (pg 87), Transformers (pg 86), Aluminium Profiles (pg 73)	
Customer Price	See EOR & Components Price List line 171, 172, 173 & 170 for pricing	
Customer Notes		




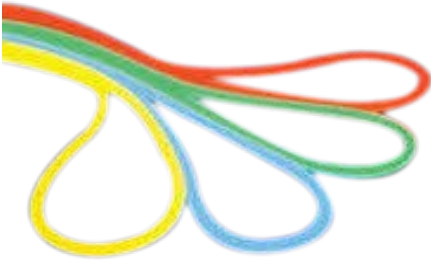
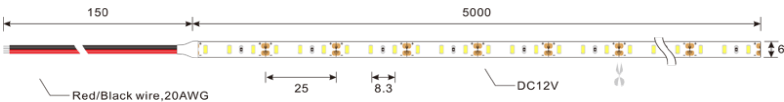



ecoLED

3014 Strip & Neon Rope Light

SQL

12v 3014 Strip & 230v 3014 Colour Neon Light

Product Codes	RLN3014-120blu SL3014-210-5FwwD	 <p>3014</p>
Product Differentiation	RLN3014-120 = Rope Light 3014/120 Cool White SL3014-210 = Neon Strip Light 3014 Blue	
Power Consumption (w)	RLN3014-120 = 4.6 w SL3014-210 = 5 w	
Operating Voltage	RLN3014-120 = 85-265v SL3014-210 = 12v DC	
Chip Type & Qty / Metre	RLN3014-120 = 120 x SMD 3014 SL3014-210 = 210 x SMD 3014	
Colour Temperature	RLN3014-120 = 15000k Blue SL3014-210 = 3000k WW	
Beam Angle (degrees)	120°	
Rated Life (hours)	25000	
Dimming Range	100%	
IP Rating	IP60	
Operating Temp	-10°- 60°C	
Max Humidity	90%	
Warranty (months)	12	
Certification	NRCS & RoHS	
Dimensions (L x B x H)	RLN3014-120 = 845 x 28 x 20mm (282g) SL3014-210 = 5000 x 9.5 x 1.2mm (50g)	
Materials	RLN3014-120 = Silicone Casing, Aluminium Copper Composite PCB Cooler SL3014-210 = Silicone, PU or Uncoated Casing, Aluminium Copper Composite PCB Cooler	
Applications	Strip Lights are ideal for short length indoor applications. Rope lights are better for longer lengths where the required length can be any integer. Neon Rope Lights are suitable for direct exposure to the elements, rendering a smooth continuous linear light	
Limitations	These lights are not submercible but are splashproof and need a controlled power source. They should not be bent on their flat plane. Extended exposure to direct sunlight on rope light may discolour the clear cover over time	
Other Features	They are flexible and can be bent around corners. The 12v versions are safe to touch while illuminated. Strip lights come in rolls of 5m and Rope and Neon up to 100m and can be cut as needed. Rope and Neon can be run in lengths of up to 100m with the correct power source. 12v Strip can be run in series with a 24v power supply if needed	
Complementary Products	Brighter strip lights (pg 82), transformers (pg 72), aluminium profiles (pg 73)	
Customer Price	See Main Items Price List line 169 & 131 for pricing	
Customer Notes		



ecoLED

Strip Light 5050 (14w) Single Colour

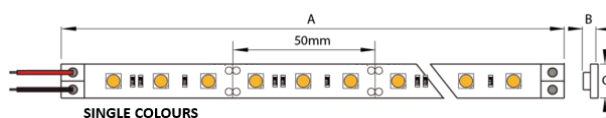
SOH

12v 5050 Strip Light 10w /m, IP65 Amber, Blue, Cool & Warm White

Product Codes	SL5050-60-1Forg SL5050-60-5Fblu SL5050-60-5Fcw SL5050-60-5Fww
Power Consumption (w)	10w
Operating Voltage	12v DC
Power Factor	1.00Pf
Chip Type & Qty / Metre	60 x SMD 5050
Colour Temperature	org = 1500k Amber blu = 15000k Blue cw = 6000k CW ww = 3000k WW
Light Output (lumens)	org = 200lm blu = 500lm cw = 400lm ww = 400lm
Rated LED Life (hours)	20000
Colour Rendering Index (CRI)	>70
Beam Angle (degrees)	120°
Dimming Range	100%
IP Rating	IP64
Operating Temp	-10°- 60°C
Max Humidity	90%
Warranty (months)	12
Certification	CE, NRCS & RoHS
Dimensions (L x B x H)	5000 x 10 x 4mm (214g)
Materials	PU Coated Casing, Aluminium Copper Composite PCB Cooler
Applications	These obtuse beam angle indoor strip lights are ideal for undercounters, in cabinets, backlighting, feature contour lighting, stepped ceiling and cornice lighting or any area that requires <10m linear light source .They are quite resilient to salty environments
Limitations	These strip lights are not submercible but are splashproof and need a 12v DC power source. They should not be bent on their flat plane. Extended exposure to direct sunlight will discolour the clear cover over time
Other Features	They are flexible and can be bent around corners of >2cm radius. The 12v makes them safe to touch while illuminated. They come in rolls of 5m and can be cut to any multiple of 5cm. They can be run in lengths of up to 10m with the correct transformer. The underside has an adhesive coating for easy application to most non-porous surfaces
Compatible Dimmers	DIMCRODC-12v8A
Complementary Products	Strip light components (pg 87), Controllers (pg 86), Aluminium Profiles (pg 73 to 74)
Customer Price	See Main Items Price List line 174, 175, 177 & 181 for pricing
Customer Notes	



5050





ecoLED

Strip Light 5050 (14w) RGB Multi-Colour

SOH

12v 5050 Strip Light 10w /m, 5m roll IP64 Multi Colour & Components

Product Codes	SL5050-60-5Frgb SL5050-JNPrgb SL5050-JWFrgb SLC-RGB-REM SLCs-RGB-DIM	
Power Consumption (w)	10w	
Operating Voltage	12v DC	
Product Description	SL5050-60-5F = Strip Light Roll SL5050-JNP = Strip RGB Joiner Pin SL5050-JWF = Strip Joiner Flexible Wire Light Roll SLC-RGB-REM = Strip RGB Controller Light Roll SLCs-RGB-DIM = Strip RGB Controller Light Roll	
Light output (lumens)	From 200 to 450 depending on selected colour	
Chip Type & Qty / Roll	300 x SMD 5050	
Colour Temperature	800-15000k Multi Clr	
Rated LED Life (hours)	15000	
Colour Rendering Index (CRI)	>70	
Beam Angle (degrees)	120°	
Dimming Range	75%	
IP Rating	IP64	
Operating Temp	-10°- 60°C	
Max Humidity	90%	
Warranty (months)	12	
Certification	CE, NRCS & RoHS	
Dimensions (L x B x H)	5000 x 10 x 4mm (191g)	
Materials	PU Coated Casing, Aluminium Copper Composite PCB Cooler	
Applications	These obtuse beam angle indoor strip lights are ideal for undercounters, in cabinets, backlighting, feature contour lighting, stepped ceiling and cornice lighting or any area that requires <10m linear light source .They are quite resilient to salty environments	
Limitations	These strip lights are not submercible but are splashproof and need a 12v DC power source. They should not be bent on their flat plane. Extended exposure to direct sunlight will discolour the clear cover over time	
Other Features	They are flexible and can be bent around corners of >2cm radius. The 12v makes them safe to touch while illuminated. They come in rolls of 5m and can be cut to any multiple of 5cm. They can be run in lengths of up to 10m with the correct transformer size. The underside has an adhesive coating for easy application to most non-porous surfaces	
Compatible Dimmers	SLC-RGB-REM, DIMCTRGB12v, SLC-RGB-DIM	
Complementary Products	Strip light components (pg 87), Controllers (pg 86), Aluminium Profiles (pg 73 to 74)	
Customer Price	See Main Items Price List line 180, 182, 185, 186 & 187 for pricing	
Customer Notes		

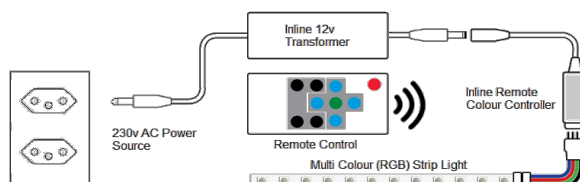


Dimmers & Controllers for 12v Strip

SQA

12v Strip Light Controllers and Dimmers for single colour, RGB & CTC Strip

Product Codes	DIMCRODC-12v8A DIMCREM-12v8A DIMCTRCCT12v DIMCTRGB12v SLC-RGB-REM SLCs-RGB-DIM	 
Product Description	DIMCRODC = Rotary 8A 12v Dimmer DIMCREM = 12v Dimmer with Remote Control DIMCTRCCT = CCT Controller 12v Wall Mounted DIMCTRGB = RGB Controller 12v Wall Mounted SLC-RGB-REM = Strip RGB Controller SLCs-RGB-DIM = Strip RGB Controller	 
Available Colours	As per pictures, DIMCTR also available in white	
Power Consumption (w)	Minimal but varies according to applied load	
Operating Voltage	12v DC	
Max Load Limit (A)	4-8	
Rated LED Life (hours)	10000	
Dimming Range	100%	
IP Rating	IP20	
Operating Temp	-10°- 60°C	
Max Humidity	85%	
Warranty (months)	0.2	
Certification	CE & RoHS	
Dimensions (L x B x H)	SLCs-RGB-DIM89 x 60 x 56mm (67g); DIMCTRCCT = 86.4 x 86.4 x 35.5mm (130g); SLC-RGB-REM = S270 x 12 x 12mm (10g)	DIMCREM = 86.5 x 86.5 x 35.5mm (81g); DIMCTRGB = 80 x 50 x 25mm (39g);
Materials	ABS, HIPS, Polycarbonate, Polypropylene and various metals	
Applications	These indoor strip Controllers are used to change light intensity (dimming), change kelvin (change from warm to cool white or change between any combination of red, green, blue (RGB) the primary colours of light	
Limitations	These strip light dimmers are not water resistant and need a 12v DC power source to power them. The controllers must be matched with the correct strip light to have full function of their design	
Other Features	There are controllers here of varying class and price ranging from entry level to quite stylish. They can be run strip in lengths of up to 10m providing the strip does not consume more than 8A or 96W@12V (peak surge) and the correct transformer powering both ends or centre	
Compatible Lights	12v DC dimmable lights like strip, bulbs and MR16 downlights (pg 31)	
Complementary Products	Strip lights (pg 82 to 85), strip components (pg 87), Aluminium Profiles (pg 73 to 74)	
Customer Price	See Main Items Price List line 34, 33, 35, 36, 186 & 187 for pricing	
Customer Notes		











Strip Light Components

SQA

12v Strip Light Components for Single and Multi-Colour LED Strip

Product Codes	SL5050-J90 SL5050-JTP SL5050-JWF SL-PWR-CON SLC-REMOTE	  
Compatible with	10mm Strip Light	
Product Descriptions	SL5050-J90 = Strip Joiner 90 degree SL5050-JTP = Strip Joiner T-Piece SL5050-JWF = Strip Joiner Flexible Wire SL-PWR-CON = Strip Power Connector SLC-REMOTE = Strip Light RGB Spare Remote	
Operating Voltage	12v DC	
Rated Life (hours)	50000	
IP Rating	IP40	
Operating Temp	-20°- 100°C	
Max Humidity	85%	
Warranty (months)	12	
Certification	CE, NRCS & RoHS	
Dimensions (L x B x H)	SL5050-J90 = x x mm (5g) SL5050-JTP = SL5050-JWF = 170 x 10 x 4mm (3.1g) SL-PWR-CON = 37 x 14 x 11mm (7g) SLC-REMOTE =	 
Materials	SL5050-J90 = , Aluminium Copper Composite PCB Cooler SL5050-JWF = Polymer Casing, Insulated Copper Wire SL-PWR-CON = Polypropylene Casing, NC Polymer Terminal, Rustproof Metal SLC-REMOTE = ABS Casing, PE Buttons, Copper and other Metal	
Applications	These strip light components are for 10mm wide LED strip lights. The design and materials used in these components make them reasonably resilient to salty environments. Correct installation can ensure these components are splashproof	
Limitations	Silicone or other appropriate sealer or coating is required to make these strip light components waterproof. Careful installation is required and all joints need to be properly connected to prevent unplanned strip light separation	
Other Features	These joiners and connectors make strip light assembly and installation much easier and quicker. Strip light joiners are small to reduce the light gap caused by joins. The remote is universal and requires no programming for the LED strips. It can be used on both compatible 12v and 230v applications	
Similar Products	Similar products are available for 230v Rope lights (pg 77)	
Complementary Products	Strip Lights (pg 82 & 84), Dimmers & Controllers (pg 86), Aluminium Profiles (pg 73)	
Customer Price	See EOR & Components Price List line 134, 183, 184, 195 & 138 for pricing	
Customer Notes		

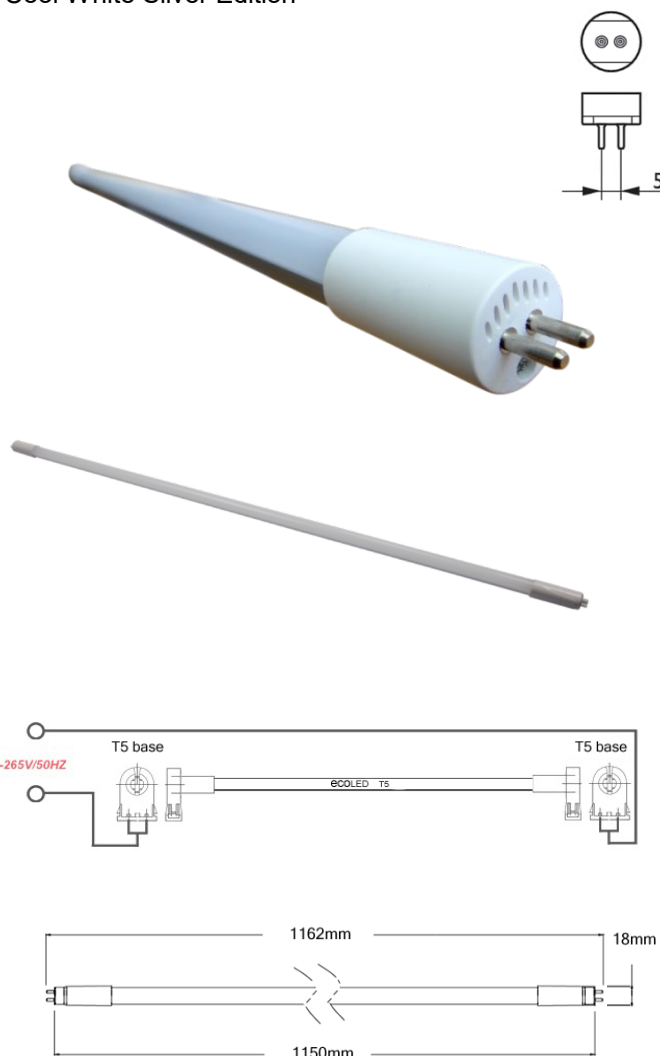


T5 Glass Tube Lights

SOH

T5 Glass Tube Light 1.2m 18w (retrofit) Cool White Silver Edition

Product Codes	T54s-18w96cw
Lamp Cap	T5
Power Consumption (w)	T54s-18w9 = 17.5w
Operating Voltage	85-265v
Power Factor	0.58Pf
Chip Type & Count	96 x SMD 2835
Colour Temperature	6000k CW
Light Output (lumens)	1500 lm (cw)
Rated LED Life (hours)	16000
Colour Rendering Index (CRI)	>80
Beam Angle (degrees)	140°
Dimming Range	Non-dimmable
IP Rating	IP61
Operating Temp	-10°- 60°C
Max Humidity	90%
Replaces	: FL Tube 45w : T54s-18w9
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	1165 x 18 x 18mm (138g)
Materials	Glass & Polymer Casing, Aluminium & Glass Cooler, Frosted Glass Lens
Applications	These wide obtuse beam angle tube lights are common in passages, for any height ceilings, over counters, under cabinets and as high/low bay alternatives. These lights are suitable for bathrooms, kitchens, offices, shops, showrooms, workshops, hospitals and any other area requiring bright linear lighting for primarily functional applications
Limitations	These tube lights are not recommended for use in direct contact with water or in freezers or fridges. They need a 200-240v power source supplied accross both ends to operate. Former fluorescent fittings need to be rewired to SABS standards for T5 LED's
Other Features	They are suitable for corrosive environments and in open or closed T5 fittings. Their small diameter allows them to be fitted in reduced size fittings in narrow apertures or restricted environments. They fit directly into standard T5 Fluorescent fittings if the wiring limitations conform
Compatible Dimmers	not dimmable
Similar Products	T8 Silver Range (page 95)
Complementary Products	T8 Dual Retrofit PC (pg 89 & 90), T8 Emergency (pg 91), T8 Fittings (pg 96)
Customer Price	See EOR & Components Price List line 199 for pricing
Customer Notes	



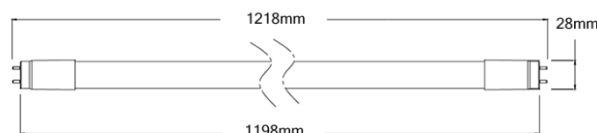
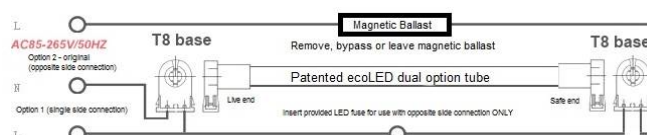
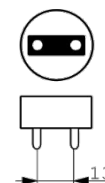

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T8 Glass Tube Light Dual Retrofit

SOH

T8 Glass Tube Light 4ft (dual option retrofit) Cool White

Product Codes	T84s-18w88cw T84s-18w88cwR
Power Consumption (w)	18w88cw = 18.2w 18w88cwR = 18w
Operating Voltage	175-265v
Power Factor	0.60Pf
Chip Type	SMD 2835
Colour Temperature	6000k CW
Light Output (lumens)	18w88cw = 1700lm 18w88cwR = 1700lm
Rated LED Life (hours)	30000
Colour Rendering Index (CRI)	>70
Beam Angle (degrees)	240°
IP Rating	IP61
Operating Temp	-10°- 60°C
Max Humidity	90%
: FL Tube 48w	18w88cw
Replaces : FL Tube 36w	18w88cwR
:	
Warranty (months)	24
Certification	NRCS & RoHS
Dimensions (L x B x H)	18w88cw = 1218 x 28 x 28mm (225g)



Materials Glass & Polymer Casing, Aluminium & Glass Cooler, Frosted Glass Lens

Applications

These moderate reflex beam angle tube lights are common in passages, for any height ceilings, over counters, above or below cabinets and as high/low bay alternatives. These lights are suitable for kitchens, offices, shops, showrooms, workshops, hospitals and any other area requiring bright linear lighting for primarily functional applications

Limitations

These tube lights are not recommended for use in direct contact with water or in freezer rooms or fridges. Glass tubes are unsuitable for food safety environments

Other Features

These tubes can be installed in conventional, unmodified fluorescent fittings or single side rewired fittings without having to remove the ballasts. They will neither "blow" nor short circuit if installed incorrectly. They are suitable for corrosive environments in open or closed T8 fittings

Compatible Dimmers

Not dimmable

Similar Products

T8 Dual Retrofit Polycarbonate (pg 90)

Complementary Products

T5 tubes (pg 88), T8 emergency tubes (pg 91), T8 fittings (pg 96), T8 fuses

Customer Price

See EOR & Components Price List line 207 & 149 for pricing

Customer Notes


ecoLED

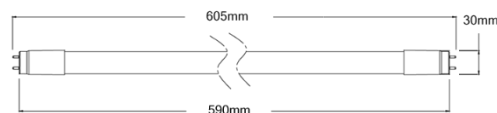
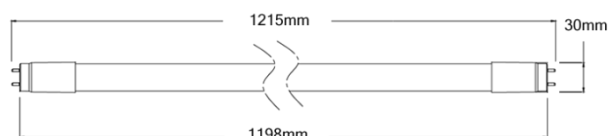
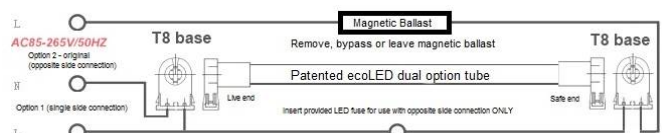
Tube Light Dual Retrofit (Polycarbonate)

SOH

T8 Polycarbonate Tube Light 0.6m & 1.2m (dual option retrofit) Neutral White

Product Codes	T84sd-18w96nw T84s-16w82nw T82s-8w40nw T84sd = 18w T84s = 18w T82s = 8w
Power Consumption (w)	
Operating Voltage	85-265v
Power Factor	0.60Pf
Chip Type	SMD 2835
Colour Temperature	5000k NW
Light Output (lumens)	T84sd = 1700lm T84s = 1700lm T82s = 750lm
Rated LED Life (hours)	30000
Colour Rendering Index (CRI)	>70
Beam Angle (degrees)	240°
IP Rating	IP61
Operating Temp	-10°- 60°C
Max Humidity	90%
: FL Tube 48w	T84sd
Replaces :	T84s
:	T82s
Warranty (months)	12
Certification	CE, NRCS & RoHS
Dimensions (L x B x H)	T84sd = 1215 x 30 x 30mm (220g)

Materials	PBT End Casing, Aluminium PCB Cooler, Polycarbonate Lens
Applications	These moderate reflex beam angle tube lights are common in passages, for any height ceilings, over counters, above or below cabinets and as high/low bay alternatives. These lights are suitable for kitchens, offices, shops, showrooms, workshops, hospitals and any other area requiring bright linear lighting for primarily functional applications
Limitations	These tube lights are not recommended for use in direct contact with water or in freezer rooms or fridges
Other Features	These tubes can be installed in conventional, unmodified flouorescent fittings or single side rewired fittings without having to remove the ballasts. They will neither "blow" nor short circuit if installed incorrectly. They are suitable for corrosive and food safety environments in open or in closed T8 fittings
Compatible Dimmers	Not dimmable
Similar Products	T8 Dual Retrofit Glass (pg 89)
Complementary Products	T5 tubes (pg 88), T8 emergency tubes (pg 91), T8 fittings (pg 96), T8 fuses
Customer Price	See Main Items Price List line 208, 147 & 144 for pricing
Customer Notes	








ecoLED

Emergency Tube Lights

SQL



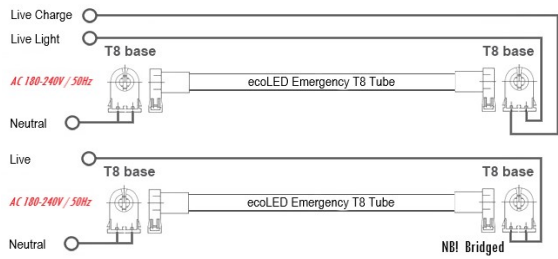

T8 Emergency Tube Light 2ft & 4ft (opp. end power input) Neutral White

Product Codes	T82-9w40nwE T84-16w80nwE	 
Power Consumption (w)	T82-9w = 10.4w T84-16w = 18w	
Operating Voltage	175-265v	
Power Factor	0.55Pf	
Chip Type	SMD 2835	
Colour Temperature	5000k NW	
Light Output (lumens)	T82-9w = 740lm T84-16w = 1700lm	
Rated LED Life (hours)	30000	
Colour Rendering Index (CRI)	>80	
Beam Angle (degrees)	240°	
IP Rating	IP61	
Operating Temp	-10°- 60°C	
Max Humidity	90%	
Backup Run Time	90 min	
Max Charge Time	24 hrs	
Warranty (months)	24	
Certification	CE, NRCS & RoHS	
Dimensions (L x B x H)	T82-9w = 605 x 30 x 30mm (g); T84-16w = 1215 x 30 x 30mm (g)	
Materials	Glass & Polymer Casing, Aluminium & Glass Cooler, Frosted Glass Lens, Lithium Ion Battery	
Applications	These moderate reflex beam angle tube lights are great for passages, for any height ceilings, over counters, above or below cabinets and any T8 power failure backup lighting requirement. These lights are suitable for bathrooms, kitchens, offices, hospitals and any other area requiring bright linear lighting with emergency features	
Limitations	These tube lights are not recommended for use in direct contact with water or in freezer rooms or fridges. They need a 200-240v power source to charge their internal battery. They are limited to 90 minutes of light per full charge	
Other Features	They are suitable for corrosive environments and in open or closed T8 fittings. They have a built in battery charge indicator and operational tester	
Compatible Dimmers	Not dimmable	
Similar Products	These emergency tubes are not available in T5	
Complementary Products	T8 Tubes (pg 89 to 27), T8 Fittings (pg 96), T8 Fuse	
Customer Price	See Main Items Price List line 200 for pricing	
Customer Notes		


ecoLED

Emergency Tube Lights - Ultracharge

NEW
T8 Emergency Tube Light 4ft & 5ft (opp. end power input) Cool White

Product Codes	T84u-18w96cwE T85u-22w128cwE	 
Power Consumption (w)	T84u = 15.2w T85u = 22w	
Operating Voltage	180-240v	
Power Factor	0.62Pf	
Chip Type	SMD 2835	
Colour Temperature	6000k CW	
Light Output (lumens)	T84u = 1800lm T85u = 2200lm 50-60lm on emergency	
Min. backup runtime	90min	
Colour Rendering Index (CRI)	>75	
Beam Angle (degrees)	120°	
IP Rating	IP19	
Operating Temp	-5°- 40°C	
Max Humidity	70%	
Backup Run Time	90 min	
Max Charge Time	24 hrs	
Warranty (months)	12	
Certification	GB51309-2018	
Dimensions (L x B x H)	T84u = 1220 x 30 x 30mm (243g); T85u = 1520 x 28 x 28mm (293g)	
Materials	Glass & Polymer Casing, Aluminium & Glass Cooler, Frosted Glass Lens, Lithium Ion Battery	
Applications	These obtuse beam angle tube lights are great for passages, for any height ceilings, over counters, above or below cabinets and any T8 power failure backup lighting requirement. These lights are suitable for bathrooms, kitchens, offices, hospitals and any other area requiring bright linear lighting with emergency features	
Limitations	These tube lights are not recommended for use in direct contact with water or in freezer rooms or fridges. They need a 180-240v power source to charge their internal battery. They are limited to 90 minutes of light per full charge	
Other Features	They are suitable for corrosive environments and in open or closed T8 fittings. They have a built in battery charge indicator and operational tester	
Compatible Dimmers	Not dimmable	
Similar Products	These emergency tubes are not available in T5	
Complementary Products	T8 Tubes (pg 89 to 27), T8 Fittings (pg 96), T8 Fuse	
Customer Price	See EOR & Components Price List line 212 & 217 for pricing	
Customer Notes		

T8EU



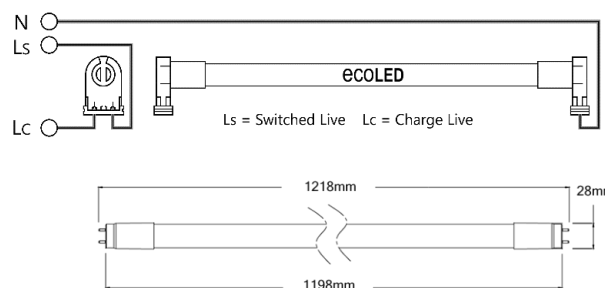
T8 Polymer Fitting (for emergency tubes)

NEW

T8 Polymer Fitting Single Tube (Opposite end PWR & Ultracharge)



Product Codes	T84s-FIT1u T85s-FIT1u
Product Differentiation	T84s = 1.2m T8 Single Tube Polymer Fitting T85s = 1.5m T8 Single Tube Polymer Fitting
Operating Voltage	85-265v
Colour	White
Rated Life (hours)	50000
Max Beam Angle (degrees)	0°
IP Rating	IP20
Operating Temp	-20° - 80°C
Max Humidity	90%
Dimming Range	Non-dimmable
Maximum tube wattage	100w
Compatible with	Standard and Ultracharge Emergency
Warranty (months)	24
Certification	IEC, NRCS & RoHS
Dimensions (L x B x H)	T84s = 1220 x 44 x 33mm (172g) T85s = 1520 x 44 x 40mm (216g)
Materials	Fire Retardant Polymer Casing, Polymer Components, Insulated Copper Wiring
Applications	These beam angle tube light fittings are suitable for ceilings, above or below cabinets and in confined spaces. These lights will probably best suit kitchens, offices, shops, showrooms, workshops and parking garages for primarily functional applications
Limitations	These tube light fittings are not recommended for use in direct contact with water or in freezer rooms or fridges as the condensation on the tube contacts may cause rust and hence bad contact. They are suitable for a 85-265v power source
Other Features	They are light weight, and have rear connection access which is more suitable for ceiling or suspended hanging applications like on cable racks. They are narrow and allow the light emitted from the installed tube to shine back past the mounting position thus allowing them to be used in many more applications than conventional fittings. They are made from a fire retardant polymer which is rust proof. They have been wired to be able to accommodate both regular ecoLED and Ultracharge Emergency Tubes
Warnings	For the safety of globe replacement, always apply a label on the fitting once wired to indicate the wiring configuration used as it is dangerous to insert fluorescent tubes into LED Tube wired fixtures. Some LED tubes require single side connection while others require opposite end connection. This fitting can be wired either way
Dimmer Compatibility	Dimmable LED tubes can be used in these fittings
Similar Products	T8 LED fittings (Pg 96) and T8 UVC fittings (Pg 94)
Complementary Products	T8 Emergency tubes (pg 92), T8 fuse (pg 93)
Customer Price	See EOR & Components Price List line 210 & 215 for pricing
Customer Notes	



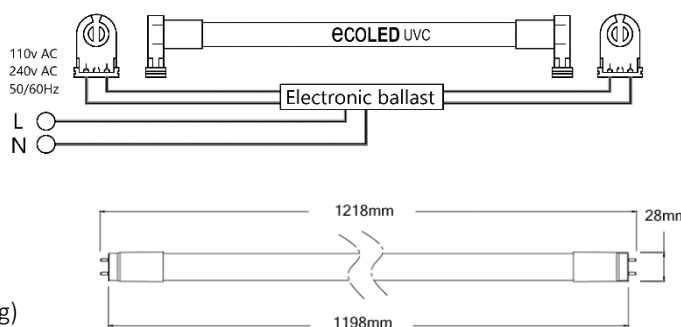


T8 AL FL Tube Fitting

NEW

T8 Aluminium Fluorescent and UVC Tube Fitting (opp. end pwr with ballast)

Product Codes	T84-FIT1aFLB
Product Inclusion	aFLB = T8 electronic ballast
Operating Voltage	175-265v
Colour	White
Rated Life (hours)	50000
Max Beam Angle (degrees)	0°
IP Rating	IP20
Operating Temp	-20°- 80°C
Max Humidity	80%
Dimming Range	Non-dimmable
Maximum Tube Wattage	50w
Compatible with	Standard Fluorescent ecoLED UVC
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	aFLB = 1224 x 51 x 31mm (173g)



Materials Aluminium Casing, Polymer Components, Insulated Copper Wiring

Applications These beam angle tube light fittings are suitable for ceilings, above or below cabinets and in confined spaces. These lights will probably best suit kitchens, offices, shops, showrooms, workshops and parking garages for primarily functional applications

Limitations These tube light fittings are not recommended for use in direct contact with water or in freezer rooms or fridges as the condensation on the tube contacts may cause rust and hence bad contact. They are designed for a 175-265v power source

Other Features They are light weight, and have a side connecting plug which makes it easy to mount them under cabinets and non-penetrable ceilings or deckheads. They are narrow and allow the light emitted from the installed tube to shine back past the mounting position thus allowing them to be used in many more applications than conventional fittings. They are made from medium duty powdercoated aluminium which is more rust resistant than most stainless steel and all other mild steel fittings. These fittings include an electronic ballast designed for a fluorescent or UVC tube not exceeding 50w

Dimmer Compatibility Dimmable tubes can be used in these fittings

Similar Products T8 LED fittings (Pg 96) & Emergency Tube fittings (Pg 93)

Complementary Products T8 UVC tubes (pg 97), T8 fuse (pg 94)

Customer Price See EOR & Components Price List line 205 for pricing

Customer Notes

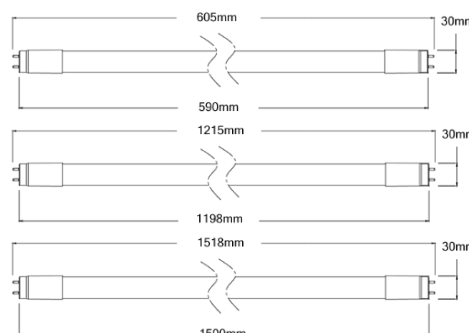
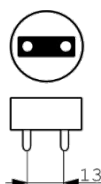
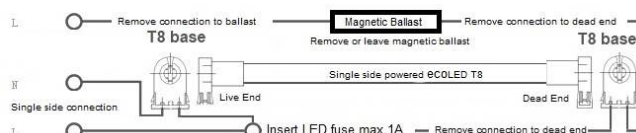
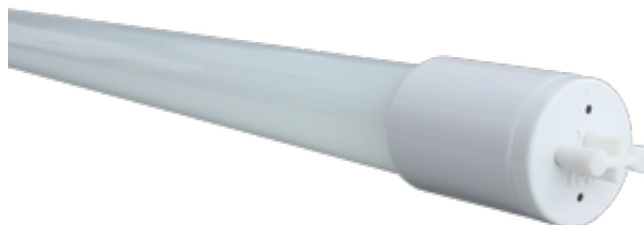

ecoLED

T8 Glass Tube Lights Silver Edition

NEW

T8 Tube Light 2ft, 4ft & 5ft (single side power input) Cool White

Product Codes	T82s-9w34cw
	T84s-18w66cw
	T85s-22w80cw
	T82s-9 = 9.3w
Power Consumption (w)	T84s-18 = 18.3w
	T85s-22 = 22.8w
Operating Voltage	175-265v
Power Factor	0.57Pf
Chip Type	SMD 2835
Colour Temperature	6300k CW
Light Output (lumens)	T82s-9 = 866lm
	T84s-18 = 1756lm
	T85s-22 = 2115lm
Rated LED Life (hours)	15000
Colour Rendering Index (CRI)	>80
Beam Angle (degrees)	320°
IP Rating	IP44
Operating Temp	15°-40°C
Max Humidity	85%
Replaces : FL Tube	18w T82s-9
	48w T84s-18
	58w T85s-22
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	T82s-9 = 605 x 28 x 28mm (103g);
	T84s-18 = 1215 x 28 x 28mm (189g);
	T85s-22 = 1510 x 28 x 28mm (235g)



Materials	Glass, ABS & PC Blend Casing, Glass Cooler, Frosted Glass Lens
Applications	These wide reflex beam angle tube lights are common in passages, for any height ceilings, over counters, above or below cabinets and as fluorescent tube alternatives. These lights are suitable for bathrooms, kitchens, offices, shops, workshops, hospitals and any other area requiring bright linear lighting for primarily functional applications
Limitations	These tube lights are not recommended for use in direct contact with water or in freezer rooms or fridges. They need a 200-240v power source supplied to one end of the tube in accordance with the requirements of SABS T8 rewire specifications
Other Features	They are suitable for corrosive environments and in open or closed T8 fittings
Compatible Dimmers	Not dimmable
Similar Products	An emergency version of this tube light is available, see Datasheets T8E
Complementary Products	T8 tubes, T8 fittings, T8 fuses
Customer Price	See Main Items Price List line 201, 206 & 213 for pricing
Customer Notes	



T8 Polymer Fitting

NEW

T8 Fitting 2ft, 4ft, 5ft Polymer Single and Double Tube (NRCS) White

Product Codes	T82s-FIT1s T84s-FIT1s T84s-FIT2s T85s-FIT1s T85s-FIT2s	
Product Differentiation	2s-FIT1s = 0.6m T8 Single Tube Polymer Fitting 4s-FIT1s = 1.2m T8 Single Tube Polymer Fitting 4s-FIT2s = 1.2m T8 Double Tube Polymer Fitting 5s-FIT1s = 1.5m T8 Single Tube Polymer Fitting 5s-FIT2s = 1.5m T8 Double Tube Polymer Fitting	
Operating Voltage	230v	
Colour	W	
Rated Life (hours)	50000	
Beam Angle (degrees)	0°	
IP Rating	IP20	
Operating Temp	-10°- 60°C	
Max Humidity	85%	
Replaces	T82s-FIT = 2ft FL Fitting T84s-FIT = 4ft FL Fitting T85s-FIT = 5ft FL Fitting	
Warranty (months)	24	
Certification	IEC, NRCS & RoHS	
Dimensions (L x B x H)	2s-FIT1s = 610 x 44 x 33mm (92g) 4s-FIT1s = 1220 x 44 x 33mm (171g) 4s-FIT2s = 1220 x 72 x 40mm (176g) 5s-FIT1s = 1520 x 44 x 33mm (206g) 5s-FIT2s = 1520 x 72 x 40mm (216g)	
Materials	Fire Retardant Polymer Casing, Polymer Components, Insulated Copper Wiring	
Applications	These beam angle tube light fittings are suitable for ceilings, above or below cabinets and in confined spaces. These lights will probable best suit kitchens, offices, shops, showrooms, workshops and parking garages for primarily functional applications	
Limitations	These tube light fittings are not recommended for use in direct contact with water or in freezer rooms or fridges as the condensation on the tube contacts may cause rust and hence bad contact. They are designed for a 100-280v power source	
Other Features	They are perfect for corrosive environments, fire retardant, non-conductive and therefore do not require an earth connection. They are narrow and allow the light emitted from the installed tube to shine back past the mounting position thus allowing them to be used in many more applications than conventional fittings	
Dimmer Compatibility	Dimmable tubes can be used in these fittings	
Similar Products	Aluminium fittings are still available in stock if preferred, please ask a sales rep for SOH	
Complementary Products	Various T8 tubes (pg 89 to 27), emergency T8 tubes (pg 91), T8 fuse	
Customer Price	See Main Items Price List line 203, 209, 211, 214 & 216 for pricing	
Customer Notes		

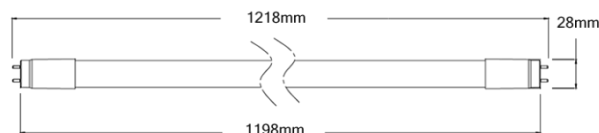
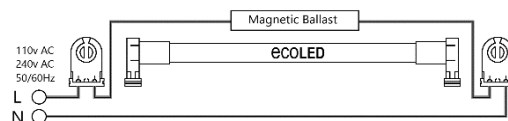
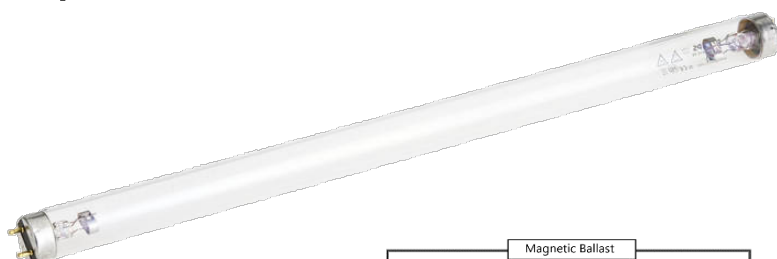
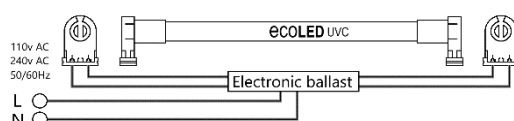
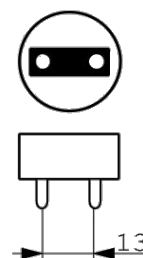


T8 UVC Tube Lights

NEW

T8 UVC Tube 1.2m 40w Germicidal (opp. end pwr) UVC

Product Codes	T84-40w0uvc
Lamp Cap	T8
Power Consumption (w)	T84-40 = 40w
Operating Voltage	175-265v
Power Factor	0.00Pf
Chip Type & Count	1 x MV HID
Colour Temperature	~254nm UVC
Light Output (lumens)	1600lm
Rated LED Life (hours)	9000
Colour Rendering Index (CRI)	n/a
Beam Angle (degrees)	360°
Dimming Range	Non-dimmable
IP Rating	IP40
Operating Temp	-10°- 60°C
Max Humidity	90%
Replaces : FL Tube w :	T84-40
Warranty (months)	12
Certification	CE, TUV, UL & RoHS
Dimensions (L x B x H)	1215 x 29 x 29mm (216g)
Materials	Doped Quartz Casing, Ozone free
Applications	These 360° beam angle tube lights are specifically for ceilings and over counters. These lights are best for public bathrooms, kitchens, offices, shops, showrooms, warehouses, workshops, hospitals and other intermittantly uninhabited areas. They are exclusively for specialised germicidal applications in general decontamination applications.
Limitations	These tube lights radiate light at 254nm which is harmful to the human eye and skin. They should not be on when people are in direct line of sight. They should not be used in closed glass covered fittings as this shields the effective germicidal wavelength.
Other Features	They are suitable for corrosive environments and in open fittings or polycarbonate closed T8 fittings. They fit directly into standard magnetically or electronically wired T8 Fluorescent fittings without requiring re-wiring. One tube is effective for an area of about 60m2 without obstructions at normal ceiling height
Compatible Dimmers	not dimmable
Similar Products	T8 Dual Retrofit PC (pg 89 & 90), T8 Emergency (pg 91)
Complementary Products	T8 FL and UVC Fitting (pg 94)
Customer Price	See EOR & Components Price List line 204 for pricing
Customer Notes	





ecoLED

Hydroponic Grow Lights

SOH

Strip Light, Bulbs, Grow Kit, Floods with UV-IR Grow Spectrum




Product Codes	SL5050-60-5Fgro HGLK-30w60gro FL50-50w1gro		
Product Differentiation	SL5050 = Hydroponic Strip Light HGLK-30w = Hydroponic Grow Light FL50-50w = Hydroponic Flood Light		
Power Consumption (w)	SL5050 = 10 w HGLK-30w = 32.7 w FL50-50w = 47.5 w		
Operating Voltage	SL5050 = 12v DC HGLK-30w = 85-265v FL50-50w = 180-260v		
Chip Type & Qty / Metre	SL5050 = 60 x SMD 5050 HGLK-30w = 60 x SMD FL50-50w = 1 x 50w COB		
Colour Temperature	SL5050 = k UV-IR Grow HGLK-30w = 800-15000k UV - IR FL50-50w = 800-15000k UV - IR Spec		
Beam Angle (degrees)	60-120		
Rated Life (hours)	20000		
Dimming Range	100%		
IP Rating	64, 50 and 67		
Operating Temp	-10°- 60°C		
Max Humidity	90%		
Warranty (months)	12		
Certification	CE, NRCS & RoHS		
Dimensions (L x B x H)	SL5050 = 5000 x 10 x 3mm (175g) HGLK-30w = 500 x 360 x 255mm (2300g) FL50-50w = 200 x 150 x 40mm (916g)		
Materials	SL5050 = PU Coated Casing, Aluminium Copper Composite PCB Cooler HGLK-30w = Aluminium Casing, Extruded Aluminium Cooler, Polymer Stand FL50-50w = Diecast Aluminium Casing, & Cooler, Alu Reflector, Tempered Glass Lens		
Applications	These lights are for hydroponic applications because their light spectrum is specifically selected for the improvement of plant growth. Strips are great for plant racks, the grow kit, for seedlings and small plants, while the floods are good for nurseries		
Limitations	These lights are not submercible but are splashproof. They only come in the colour spectrum of choice and this cannot be changed from day to day. Alternative lighting may also be required for workers to see more easily in this lighting environment		
Other Features	Strips are flexible and can be bent around corners. The 12v versions are safe to touch while illuminated. The Hydroponic kit is a great DIY home seedling and weed grower because it is a light and stand all in one. The floods are water proof and perfect for lighting large growing areas at a time		
Complementary Products	Other strip lights (pg 84), Other Flood Lights (pg 35), Mosquito Lights (pg 17)		
Customer Price	See EOR & Components Price List line 178, 106 & 91 for pricing		
Customer Notes			



Image Projection Light 43w

SQA

Rotating Image Projection Light 40w Full Colour & 2 Colour



Product Codes	IPL-R-40w
Lamp cap	Rotating
Power Consumption (w)	43.0w
Operating voltage	200-250v
Power Factor	0.62Pf
Chip Type & Count	1 x COB
Image Colour	Full Colour 2 Colours
Light output (lumens)	4000lm
Rated LED life (hours)	30000
Colour rendering index (CRI)	>80
Beam angle (degrees)	5°
Dimming Range	Non-dimmable
IP Rating	IP20
Operating Temp	-10°- 60°C
Max Humidity	85%
Warranty (months)	12
Certification	NRCS & RoHS
Dimensions (L x B x H)	235 x 135 x 137mm (2525g)
Materials	Machined Aluminium Casing, Aluminium Cooler, Glass Lens
Applications	These very narrow beam angle projection lights are designed for projecting rotating images onto flat surfaces a long distance away from the source primarily as advertising. They are great for billboards, ceilings, walls and light colour floors as display areas
Limitations	These projection lights require a 200-240v power supply and need to be mounted out of reach and not shining in the view of the observer (blinding). When so required, the projected image disk needs to be physically changed as it is not done by software
Other Features	Even though these projector lights are quite heavy, they are still mobile. The images are manually replaceable as many times as required. The projection range is quite far and the excellent optics allow for perfect focus at any distance. High lumen output from the 40w LED source ensures a bright image even in somewhat well lit environments. These are ideal for doorway, large walls and billboard advertising
Compatible Dimmers	Not dimmable
Similar Products	This is a very unique product. We do not offer anything else similar
Complementary Products	Coastal Grade Flood Lights (page35), Large Flood Lights (page39)
Customer Price	See Main Items Price List line 113 for pricing

Customer Notes

Notes

Abbreviations used in this document

Status

CMP	Component of a stock item (Spare Part)
DIS	Discontinued (repairs may be available)
EOR	End of Range (subject to remaining stock)
GRP	Grouped Item (Select Colour Option)
NEW	Just arrived in stock (New item)
NFS	Not for sale
PRE	Pre-release: Available to order. On next consignment.
SOH	Standard stocked item (most likely in stock)
SPO	Special Order item
SQA	May not be in stock, priced on lead time of 2-3 weeks
SQC	May not be in stock, priced on lead time of 1-2 days
SQF	May not be in stock, priced on lead time of 6-10 weeks
SQL	May not be in stock, priced on lead time of 4-6 weeks
SSG	Speculative Supplier Grouped Items
UAP	Unconfirmed Availability or Pricing

Colours

AW	Any of the Whites Below
CTC	Colour Temperature Changeable (from CW to WW)
CW	Cool White
NW	Neutral White
RGB	Multi-Colour Selection created from Red, Green & Blue
SC	Single Primary Colour
WW	Warm White

Technical

A	Amp
COB	Cup/Cup On Board
CRI	Colour Rendering Index
IP	Ingress Protection Rating
lm	Lumen (Total 360° Light Output)
lm/w	Lumens per watt
pf	Power Factor
SMD	Surface Mount Diode
V	Volts (Potential Difference)
W	Watt (Power Consumption)

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