

PRODUCT CATALOGUE



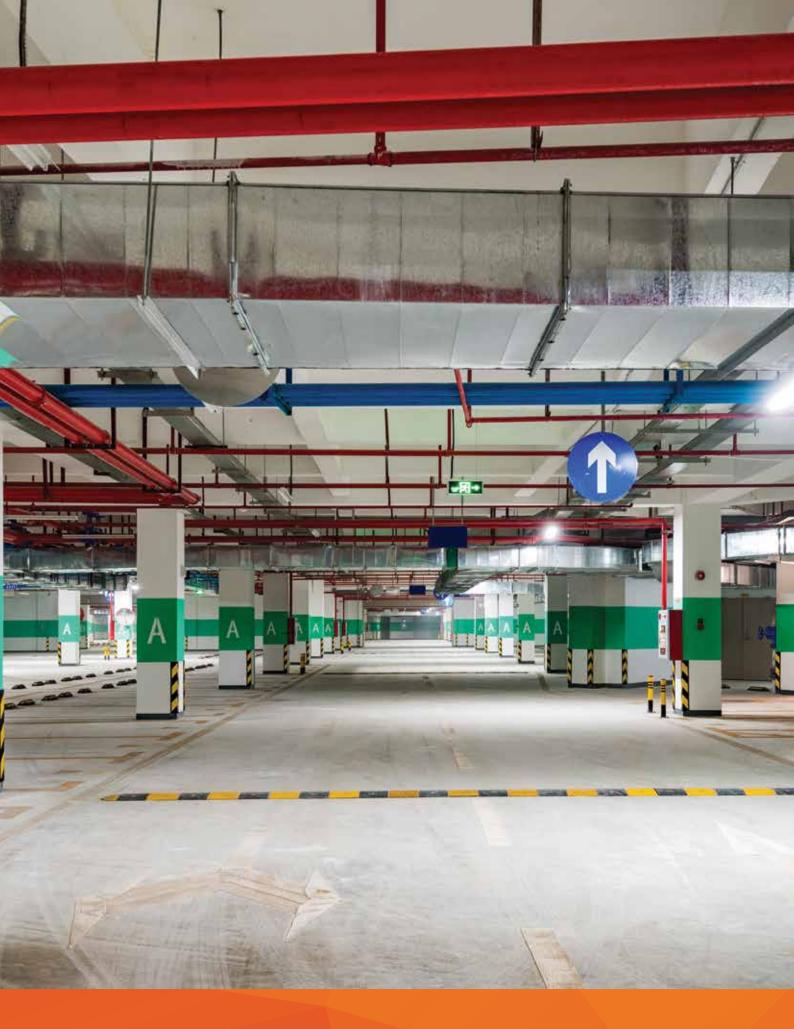


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All information correct at the time of printing. Please visit www.tekniklighting.com.au for the latest product information.





TEKNIK
LIGHTING SOLUTIONS

THE

TEKNIK DIFFERENCE

At Teknik we are committed to delivering innovative lighting products and solutions based on quality components and design. This approach delivers higher output, longer life, greater reliability and industry-leading performance.

Teknik is an Australian owned and truly integrated manufacturer, with inhouse expertise in luminaire design, manufacturing, lighting design and specification. We are constantly working to create technical innovations and ensure our products remain on the cutting edge of lighting technology.

Our engineering and R&D teams are based both in Australia and Hong Kong with key product design and specification based at our head office in Sydney, Australia. This ensures our products are engineered for the unique demands of the Australian market and environment.

Our extensive capabilities are supported by a significant technical and manufacturing division based in Hong Kong. From here we operate our main production facility and perform extensive quality assurance and testing prior to final QA and testing conducted in Australia.

With operations across Australia, Asia, the Middle East and Europe, the Teknik group has a proven track record of product reliability and project delivery. Our ongoing commitment to innovation and the highest quality standards sets Teknik apart and guarantees the best outcome for our clients.

Teknik Lighting is part of one of Australia's leading and most trusted groups, with operations and logistics facilities throughout Australasia. Founded over 40 years ago the group has a strong focus on R&D, manufacturing and distribution, winning multiple awards for design and innovation in engineering and technology. The group has over 12 years experience in the energy efficiency market, having heavily invested in low energy lighting technology and capabilities.

With a strong customer focus and a dedication to innovation and market leading products, Teknik is committed to remaining at the forefront of the global lighting industry.





DOWNLIGHTS

Encompassing residential through to high end commercial and retail, we offer a broad range of downlights for all applications



PANELS AND TROFFERS

Featuring leading componentry
to ensure a long lifespan
and premium outlook
across both traditional
LED panels and troffers



SHOP AND RETAIL

Covering shopfitters through to high end track and feature lighting, this range is suitable for even the most complex retail environments



BATTENS AND LINEAR

A broad range of battens and linear light fittings incorporating a number of unique design features to ensure quick and easy installation



BUNKERS & OYSTERS

A variety of residential and commercial bunkers and oysters to suit projects from individual homes through to large scale developments



HIGHBAYS

Offering solutions from cutting edge efficiency and output through to featurepacked cost effective fittings to suit every environment



FLOODLIGHTS

From slim line sensored residential flood lighting to extreme fittings designed from the ground up for mining and heavy industry



STREET AND AREA

Incorporating advanced stand-alone solar area lighting as well as traditional street light fittings, suited to both private and public areas



SPECIALTY

A range of customised solutions to address unique market needs, from mining through to heavy industrial and commercial



OUR PRODUCTS

Design is at the heart of good lighting. Our in-house specification, engineering and customer service teams deliver not only outstanding products but also the highest levels of technical support, service and a warranty that has real meaning.

We pride ourselves on our "end-to-end" capabilities, allowing Teknik to control production and ensure the highest quality standards are maintained across our product range. We have the unique

capability to rapidly deliver product modifications and fully tailored solutions to suit the specific needs of our clients and the ever-changing market.

Teknik works closely with industry leading suppliers such as Tridonic, Meanwell, Cree, Nichia and others to ensure the highest quality components. Our QA and product development teams are continually testing components and suppliers to maintain our high standards across our product range.











Encompassing residential through to high end commercial and retail, we offer a broad range of downlights for all applications.



[LUX] LED DOWNLIGHT













Description

The LUX is a premium low glare downlight designed to suit a variety of commercial and residential applications. The LUX maintains <19 UGR on all colour temperatures and <3 SDCM on 3000K and 6500K settings. Available in white or black with adjustable colour temperature and 600mm flex and plug.



Key Features

- High quality PBT housing and PC diffuser with even light output
- > Excellent dimming function
- > DIP switch for selectable CCT
- > IC-4
- > IP44 for front face and IP20 for driver
- > Anti-glare design UGR<19



An IC-4 rated downlight can be abutted and directly covered with insulation. This makes the installation process easier as the insulation can be laid unbroken over the whole ceiling area.

The main benefits of IC-4 downlights include:

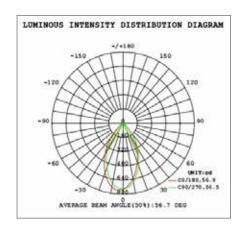
- Simple and fast installation process
- Reduced labour per fitting
- Maintaining the intergrity of the insulation as it can be laid unbroken over the ceiling

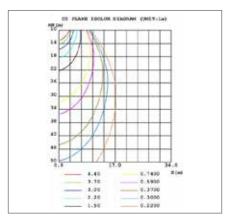


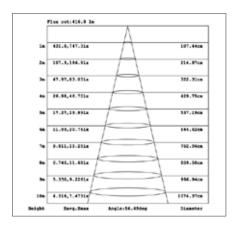
Rated Life	≥25,000 hours
Body	Plastic
Installation	Built-in Clips
Beam Angle	60°
Power Factor	>0.9

CRI	>80
Operating Temperature	-20°C to +25°C
Input Voltage	220 - 240 VAC ~ 50/60Hz
IP Rating	Front Face: IP44 & Driver: IP20
Connection	Flex & Plug (0.6m)

Photometry







Product Data

Part Number	Power	Lumen Output	CCT	Diameter	Height	Cutout
DL-35-8S60-B	8W	550lm/600lm/600lm/550lm	3000K/4000K/5000K/6500K	Ø103mm	85mm	Ø90mm
DL-35-8S60-W	8W	670lm/750lm/740lm/670lm	3000K/4000K/5000K/6500K	Ø103mm	85mm	Ø90mm







[PROFILE]

LED DOWNLIGHT











Description

The [PROFILE] LED Downlight is low profile making it perfect for multi-story installations. It replaces traditional halogen downlights with a more cost-effective solution designed for quick and easy installation. The [PROFILE] has a thermal plastic body, 3 colour temperature selections and is available as either flush or recessed.



Just 29mm deep making it perfect for installation between floors of multi-story buildings

Key Features

- > High efficiency SMD LED chips
- > Easy installation
- > Three selectable colour temperatures
- IC-4 rating can be installed under ceiling insulation
- Plastic downlight with internal aluminium heat sink
- Opal polycarbonate diffuser



An IC-4 rated downlight can be abutted and directly covered with insulation. This makes the installation process easier as the insulation can be laid unbroken over the whole ceiling area.

The main benefits of IC-4 downlights include:

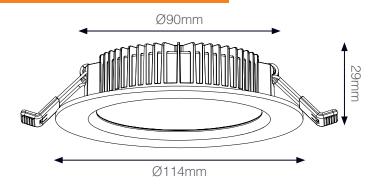
- Simple and fast installation process
- Reduced labour per fitting
- Maintaining the intergrity of the insulation as it can be laid unbroken over the ceiling



Rated Life	≥25,000 hours
Body	Aluminium & Thermal Plastic
Installation	Built-in Clips
Beam Angle	110°
Power Factor	>0.9

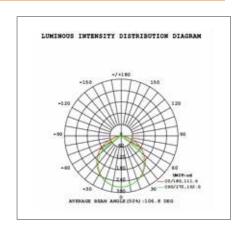
CRI	>80
Operating Temperature	-20°C to +25°C
Input Voltage	220 - 240 VAC ~ 50/60Hz
IP Rating	IP44
Connection	Flex & Plug (0.6m)

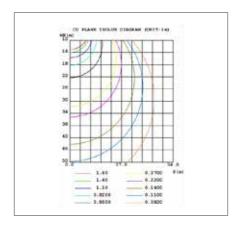
Dimensional Drawing

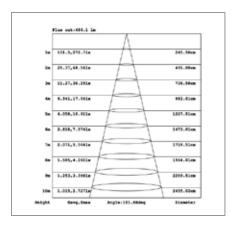


Model	Diameter	Height	Cutout
DP-35-8S110	Ø114mm	29mm	Ø90mm
DP-35-8S110-F	Ø114mm	29mm	Ø90mm

Photometry







Product Data

Part Number	Power	Lumen Output	ССТ
DP-35-8S110	8W	650lm/750lm/650lm	3000K/4000K/5700K
DP-35-8S110-F	8W	650lm/750lm/650lm	3000K/4000K/5700K



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[GEM] LED DOWNLIGHT













Description

The [GEM] LED downlight is an easy-to-install, cost-effective alternative to traditional halogen downlights. The [GEM] has a high quality, plastic coated aluminium body, and a broad-range of dimming compatibility along with selectable colour temperatures. The [GEM] LED downlight is the perfect choice where a high quality downlight is required on a budget.



Key Features

- Dimmable with common leading/trailing edge dimmers (for our latest compatibility list please visit our website)
- > IC-4 rated
- Flame resistant plastic coated aluminium body

Colour Selectable

Warm White, Cool White or Daylight colour selectable via inbuilt dip switch



An IC-4 rated downlight can be abutted and directly covered with insulation. This makes the installation process easier as the insulation can be laid unbroken over the whole ceiling area.

The main benefits of IC-4 downlights include:

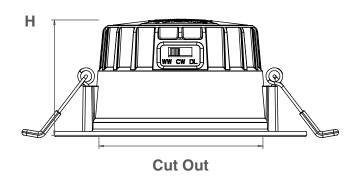
- Simple and fast installation process
- Reduced labour per fitting
- Maintaining the intergrity of the insulation as it can be laid unbroken over the ceiling

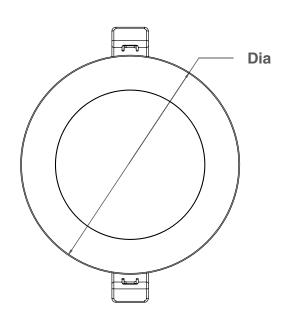


Operating Temperature	-20°C to +45°C
Input Voltage	220-240 VAC ~ 50/60Hz
IP Rating	IP44
Connection	Flex & Plug (0.6m)
Net Weight	0.2 kg

Dimensional Drawing

Diameter	Height	Cut Out
Ø108mm	50mm	Ø90mm





Product Data

Part Number	Power	Lumen Output	ССТ
DG-35-8S120	8W	700lm/750lm/720lm	3000K/4000K/5700K
DG-35-8S120-F	8W	700lm/750lm/720lm	3000K/4000K/5700K







[SOL] shift LED DOWNLIGHT













Description

The [SOL] LED downlight replaces traditional halogen downlights with a more cost-effective solution designed for quick and easy installation. The [SOL] has a premium plastic coated aluminium body and low-glare diffuser optimising lighting output long with 3 colour temperature selections. Available in two sizes for direct replacement of traditional halogen downlights, along with broad-range dimming compatibility on TRIAC dimmers, the [SOL] Shift ensure versatility and reliability.



Key Features

- > Flushed or recessed front face option available
- > Dimmable through phase-cut (TRIAC) and compatible with a wide array of dimmers
- > IC-4 rated for simple installation
- > Flame resistant plastic coated aluminium body



An IC-4 rated downlight can be abutted and directly covered with insulation. This makes the installation process easier as the insulation can be laid unbroken over the whole ceiling area.

The main benefits of IC-4 downlights include:

- Much simpler and faster installation process
- Reduced labour per fitting
- Maintaining the intergrity of the insulation as it can be laid unbroken over the ceiling





Trim F	Ring - I	Black
--------	----------	-------

Model No.	DS-35-RING-SS-F	DS-35-RING-SS	
Size	Ø86 x 3.8mm	Ø116 x 3.8mm	
Materials	304 Stain	less Steel	
Finish	Nickel brushed finishing		
Colour	Silv	ver .	

Model No.	DS-35-RING-BK-F
Size	Ø86 x 3.8mm
Materials	304 Stainless Steel
Finish	Nickel brushed finishing
Colour	Black

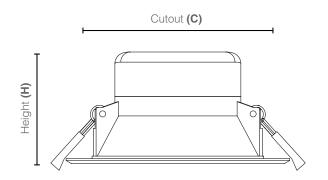


Rated Life	≥40,000 hours
Body	Aluminium/Plastic Coating
Installation	Built-in clips
Beam Angle	120°
Power Factor	>0.93
CRI	>80

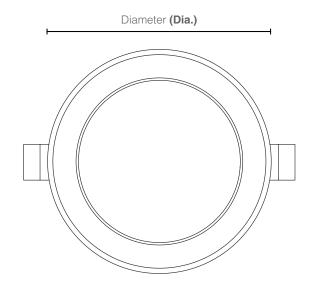
Operating Temperature	-20°C to +45°C
Input Voltage	200 – 277 VAC ~ 50/60Hz
IP Rating	IP44*
Connection	Flex and plug (0.6m)
Weight	0.17kg (70mm) 0.18kg (90mm)

^{*}IP44 rating applies to product front fascia, IP40 for the rear of luminaire

Dimensional Drawing



Model	Diameter mm	Height mm	Cutout mm
2.5inch	Ø85	63	Ø70±5
3.5inch	Ø115	61	Ø90±5



Product Data

Part Number	Power	Lumen Output	ССТ
DS-25-7S120	7W	580lm-670lm	Colour Selectable (3000K / 4000K / 5700K)
DS-35-8S120	8W	700lm-820lm	Colour Selectable (3000K / 4000K / 5700K)
DS-25-7S120-F	7W	580lm-670lm	Colour Selectable (3000K / 4000K / 5700K)
DS-35-8S120-F	8W	700lm-820lm	Colour Selectable (3000K / 4000K / 5700K)







[SOL] **DOWNLIGHTS**





DIMMER COMPATIBILITY

Brand	Model	Method	[SOL] 7W	[SOL] 8W
CABAC	HNS610DT	Digital Dimmer	√ 5	√
CLIPSAL	32E450LM	Leading Edge	✓	√
CLIPSAL	32E450TM	Trailing Edge	√ 5	√ 5
CLIPSAL	34E450UDM	Universal	\sqrt{5}	√ 5
CLIPSAL	32ELEDM	LED Dimmer	✓	√
DIGINET	MEDM	Phase Adaptive	✓	√
НРМ	400TWE	Trailing Edge	✓	√
HPM	400LWE	Leading Edge	✓	√
LEGRAND	EM450UP	Universal	✓	√
LUXMAN	T400P	Trailing Edge	X ²	√
SAL	SDD350TCM	Push Button	√	√
TRADESAVE	TSDM450W	Universal	X 6	✓

Notes

- 1 Slight flicker at max level for 2 seconds, then stabilises
- 2 Flickers at max level with normal rotation speed
- 3 Intermittent flicker at mid level
- 4 Non-recoverable flicker at max level
- 5 Output greater than 15% of max output when at min level
- 6 Output less than 80% when at max level

Models Covered

[SOL] 7W

DS-25-7S120 DS-25-7S120-F [SOL] 8W

DS-35-8S120 DS-35-8S120-F





[GEM] DOWNLIGHT

DIMMER COMPATIBILITY

Brand	Model	Method	[GEM] 8W
ATOM	AT9302	Trailing Edge	√
CABAC	HNS630DT	Trailing Edge	√
C-BUS	L55042U	Universal	X 3 4
CLIPSAL	32ELEDM	N/A	√
CLIPSAL	42E350RLD2M	Universal	✓
DIGINET	MEDM - BLUE	Adaptive Phase	√
DIGINET	MEDM - BLACK	Adaptive Phase	√ 1
DIGINET	MMDM/RT	Adaptive Phase	√
HANECO	DUO350W	Trailing Edge	√
KIWI	K005U	Universal	X ³
LEGRAND	EM400A2P	Universal	X
SAL/PIXIE	SDD350BT	Trailing Edge	√ ²
TRADER	DIMR	N/A	√

Notes

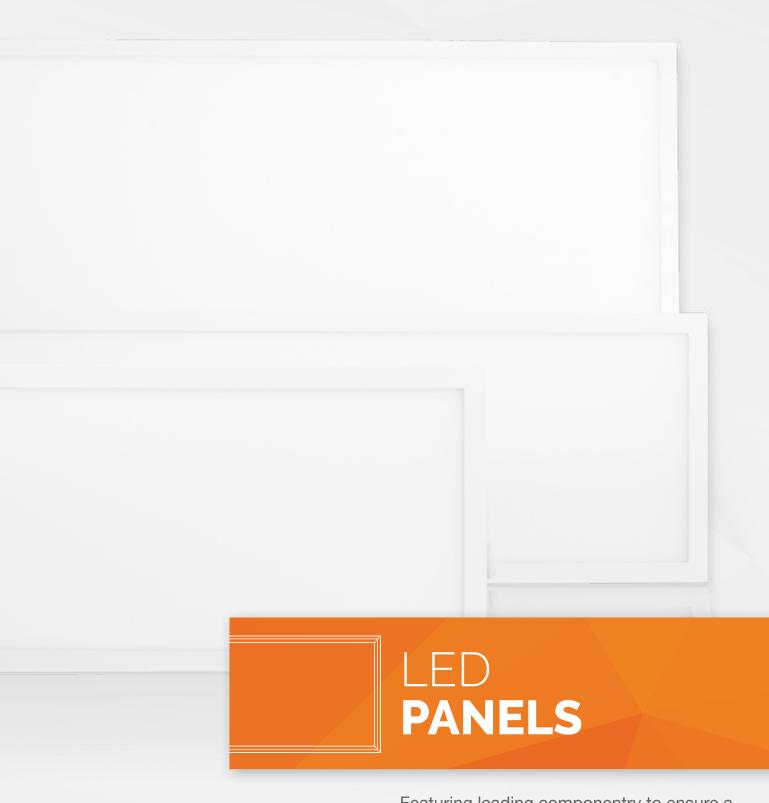
- 1 Slight flicker at 0.8W 1.1W
- 2 Slight flicker at 1.0W 2.7W
- 3 Starting power exceeds 20% of the max level
- 4 Flicker at 5.1W 5.9W

Models Covered

[GEM] 8W

DG-35-8S120 DG-35-8S120-F





Featuring leading componentry to ensure a long lifespan and premium outlook across both traditional LED panels and troffers.



[ELEMENT]

TRI-COLOUR LED PANEL















Description

The back-lit [ELEMENT] is a lightweight and efficient LED panel capable of delivering up to 120lm/W. The [ELEMENT] also incorporates three colour temperature selections. The fitting is easy to install and comes in a variety of sizes. The [ELEMENT] is a high quality, cost effective and reliable product to deliver years of service.



With PMMA LED lenses to prevent yellowing

Key Features

- > Highly efficient design achieving up to 120lm/W
- Flex and plug for easy installation
- Powder coated aluminium frame to eliminate light spill
- > Tri-colour for versatile use
- Flicker Free driver

ACCESSORIES

Surface Mounted Kit Model No. PM-12x3-SM PM-6x6-SM PM-6x3-SM 1278 x 307 x 68mm 689 x 307 x 68mm 689 x 607 x 68mm Finish Powder Coated Colour White **Recessed Plaster Kit** Model No. PM-12x6-RM PM-12x3-RM PM-6x6-RM PM-6x3-RM Size 1230 x 630 x 41mm 1230 x 330 x 41mm 630 x 630 x 41mm 630 x 330 x 41mm 1210 x 610mm 610 x 310mm Cutout Finish Powder Coated Colour White





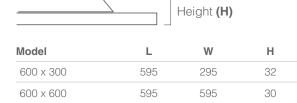
Rated Life	≥30,000 hours
Body	Powder Coated Aluminium
Installation	Suspension, T bar
Beam Angle	120°
Power Factor	>0.9
CRI	>83

Operating Temperature	-20°C to +40°C	
Input Voltage	220 – 240 VAC ~ 50/60Hz	
IP Rating	IP20	
Connection	Flex and plug (1.5m)	
Net Weight	1.05kg (6x3) 1.9kg (12x3)	1.5kg (6x6)

Dimensional Drawing



Width (W)



1195

1195

295

595

1200 x 300

1200 x 600

32 Units = mm

30

Product Data

Part Number	Power	Lumen Output	ССТ	Driver Number
PE-6X3-18S120 (shift:)	18W	2000lm-2160lm	Tri-colour (3000K / 4000K / 5700K)	PD-18
PE-6X6-30S120 (shift:)	30W	3000lm-3200lm	Tri-colour (3000K / 4000K / 5700K)	PD-30
PE-12X3-30S120 (shift:)	30W	2900lm-3200lm	Tri-colour (3000K / 4000K / 5700K)	PD-30
PE-12X6-50S120 (shift:)	50W	5200lm-5700lm	Tri-colour (3000K / 4000K / 5700K)	PD-50

Driver Data

Part Number	Primary Voltage	Secondary Voltage	Secondary Current
PD-18	220-240VAC	30-40V DC	450mA
PD-30	220-240VAC	23-40V DC	800mA
PD-50	220-240VAC	30-40V DC	1,250mA







[PISO] LOW GLARE LED PANEL















Description

The [PISO] features a sleek and ultra-thin design with a highly efficient output and low glare prismatic diffusion. The PISO series incorporates individual PMMA LED lenses and a high quality polycarbonate diffuser using back-lit technology to achieve UGR of <19.



High Quality Prismatic Diffuser

To achieve low UGR <19

Key Features

- Utilising Tier 1 components for a long service life of ≥50,000 hours
- > Low UGR (Unified Glare Rating) of <19
- > Tri-colour and wattage selection
- > Tunable white options available
- Individual PMMA LED lenses to prevent yellowing and deterioration
- Syncromesh™ "Smart Building" compatible options available

ACCESSORIES

Surface Mounted Kit

Model No.	PM-12x3-SM	PM-6x3-SM	PM-6x6-SM
Size	1278 x 307 x 68mm	689 x 307 x 68mm	689 x 607 x 68mm
Finish		Powder Coated	_
Colour		White	



Plaster Kit

Model No.	PM-12x6-RM	PM-12x3-RM	PM-6x6-RM	PM-6x3-RM
Size	1230 x 630 x 41mm	1230 x 330 x 41mm	630 x 630 x 41mm	630 x 330 x 41mm
Cutout	1210 x 610mm	1210 x 310mm	610 x 610mm	610 x 310mm
Finish	Powder Coated			
Colour	White			

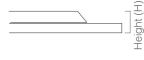


Rated Life	≥50,000 hours
Body	Aluminium
Installation	Suspension, T bar, Surface mount
Beam Angle	90°
Power Factor	>0.95
CRI	>83

Operating Temperature	-20°C to +40°C
Input Voltage	220 - 240 VAC ~ 50/60Hz
IP Rating	IP40
Connection	Flex and Plug (1.5m)
UGR	<19

Dimensional Drawing





Model	L mm	W mm	H mm	Weight kg
PP-6X3-18S90	595	295	32	1.01
PP-6x6-28S90	595	595	32	1.56
PP-12X3-28S90	1195	295	32	1.72
PP-12X3-28T90	1195	295	25	1.95
PP-12x6-40S90	1195	595	32	3.12

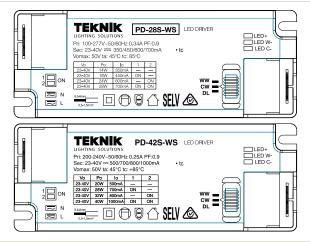
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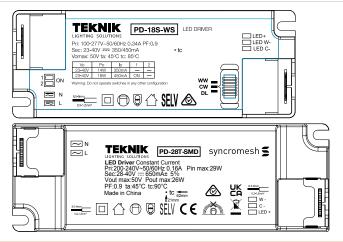
Part Number	Power	Lumen Output	ССТ	Driver Number
PP-6X3-18S90	18W/14W	1800lm-2060lm	Tri-colour (3000K / 4000K / 5700K)	PD-18S-WS
PP-6x6-28S90	28W/24W/18W/14W	1480lm-3200lm	Tri-colour (3000K / 4000K / 5700K)	PD-28S-WS
PP-12X3-28S90	28W/24W/18W/14W	1480lm-3200lm	Tri-colour (3000K / 4000K / 5700K)	PD-28S-WS
PP-12X3-28T90	28W	3080lm	Tunable White (2700K ~ 6500K)	PD-28T-SMD
PP-12x6-40S90*	40W/32W/28W/20W	2000lm-4800lm	Tri-colour (3000K / 4000K / 5700K)	PD-42S-WS

^{*}Special order only, contact Teknik Lighting Solutions Sales Representative for ordering information

Driver Data

Part Number	Primary Voltage	Secondary Voltage	Secondary Current
PD-28S-WS	100-277VAC	23-40V DC	350mA / 450mA / 600mA / 700mA
PD-18S-WS	100-277VAC	23-40V DC	350mA / 450mA
PD-42S-WS	200-240VAC	23-40V DC	500mA / 700mA / 800mA / 1000mA
PD-28T-SMD	200-240VAC	28-40V DC	650mA







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A broad range of battens and linear light fittings incorporating a number of unique design features to ensure quick and easy installation.



[KILO] SLIM LED BATTEN









Description

The [KILO] is a modern low-profile LED batten designed for use in a variety of indoor lighting applications. Tri-colour selection plus centre and offset rear cable entry points ensure versatility and practicality are maintained within a slim body design.



Key Features

- > Tri-colour selection
- > Centre and offset cable entry
- > Modern low-profile design
- > Quick and easy installation



Tri-Colour

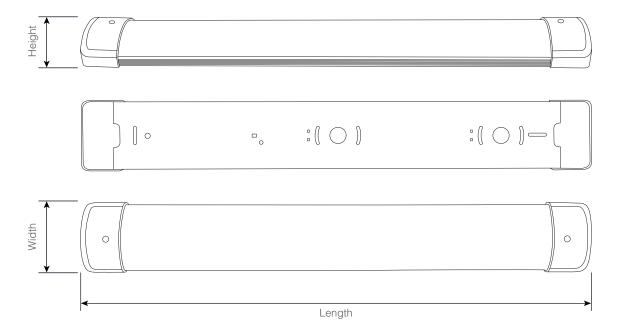
Switchable colour temperature for versatile installations.



Rated Life	≥30,000 hours
Body	Aluminium
Installation	Surface Mount
Beam Angle	120°
Power Factor	>0.9

CRI	≥Ra80
Operating Temperature	-20°C to +40°C
Input Voltage	180 - 240 VAC ~ 50/60Hz
IP Rating	IP20
Connection	Terminal Block

Dimensional Drawing



Model	Length	Height	Width	Weight
BK-2-20S120	600mm	83.4mm	37.8mm	0.39kg
BK-4-40S120	1200mm	83.4mm	37.8mm	0.62kg

Product Data

Part Number	Power	Lumen Output	ССТ
BK-2-20S120	20W	1800lm	3000K/4000K/5700K
BK-4-40S120	40W	3600lm	3000K/4000K/5700K



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[CORSAIR]

DIFFUSED LED BATTEN















Description

The [CORSAIR] LED batten features a quick-fit design for simple installation. Built with a robust metal body, the [CORSAIR] comes standard as tri-colour and wattage selectable. This versatile fitting is also available in emergency versions.

Innovative Design

Engineered with a modular LED board and diffuser allowing the drive tray to drop for fast and toolless re-assembly.



- Unique quick-fit diffuser and gear tray for easy installation
- > Wattage switchable & tri-colour for versatility
- > Side or rear cable entry standard
- > Emergency and sensor options available
- Large terminal block





The [CORSAIR]^E automatically switches to it's AS2293-tested emergency function when the mains power supply fails. Featuring over 150 minutes of emergency operation supported by high capacity and long lifetime batteries.

Features:

- 150mins Emergency operation
- Test button for self-test function
- High capacity
- 3 year battery warranty

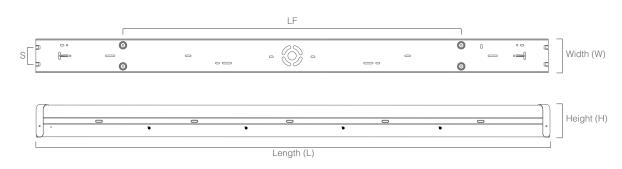
EMERGENCY SPECIFICATION

Emergency LED Power	2W
Output Current	80V/25mA
Battery Charging Ambient Temp.	0°C ~ +55°C
Battery Model	Cyantronic

Rated Life	≥50,000 hours
Body	Steel + Polycarbonate
Installation	Surface Mounted
Beam Angle	120°
Power Factor	>0.9
CRI	>80

Operating Temperature	-20°C to +45°C
Input Voltage	220-240 VAC ~ 50/60Hz
IP Rating	IP20
Connection	Terminal Block
Net Weight	0.92kg (600mm) 1.67kg (1200mm)

Dimensional Drawing



Model	L	Н	W	LF	S
BC-2-16S120 (-E) (-SD)	620	79.5	84.5	410	50
BC-4-30S120 (-E) (-SD)	1200	79.5	84.5	800	50

Unit = mm

Product Data

Part Number	Power	Lumen Output	ССТ
BC-2-16S120*	8W/16W	1000lm-2000lm	Colour Selectable (3000K/4000K/5700K)
BC-4-30S120*	15W/30W	1900lm-3700lm	Colour Selectable (3000K/4000K/5700K)





^{*}Emergency option available, add '-E' to model code, eg: BC-4-30S120-E *Sensor options available, add '-SD' to the model code, eg: BC-4-30S120-SD



[CORSAIR]

LITE DIFFUSED LED BATTEN













Description

The [CORSAIR] LITE Diffused LED Batten offers high quality and high performance. Built with a robust yet light metal body, it features a quick-fit design for simple installation. The [CORSAIR] LITE comes standard as tri-colour and wattage selectable. This versatile fitting is also available in emergency versions.

Innovative Design

Engineered with a modular LED board and diffuser allowing the drive tray to drop for fast and toolless re-assembly.

Key Features

- Unique quick-fit diffuser and gear tray for easy installation
- > Wattage and colour selectable for versatility
- > Side or rear cable entry standard
- > Emergency options available
- > Large terminal block



The [CORSAIR]^E automatically switches to it's AS2293-tested emergency function when the mains power supply fails. Featuring over 150 minutes of emergency operation supported by high capacity and long lifetime batteries.

Features:

- 150mins Emergency operation
- Test button for self-test function
- High capacity
- 3 year battery warranty

EMERGENCY SPECIFICATION

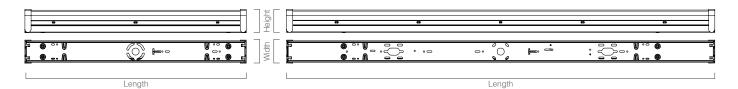
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~ +55°C
antronic



Rated Life	≥50,000 hours
Body	Steel, Polycarbonate
Installation	Surface Mounted
Beam Angle	120°
Power Factor	>0.9

CRI	>80
Operating Temperature	-20°C to +45°C
Input Voltage	220-240 VAC ~ 50/60Hz
IP Rating	IP20
Connection	Terminal Block

Dimensional Drawing



Model	Length	Height	Width	Weight
BCL-2-16S120	620mm	65mm	65mm	0.66kg
BCL-2-16S120-E	620mm	65mm	65mm	0.86kg
BCL-4-30S120	1200mm	65mm	65mm	1.02kg
BCL-4-30S120-E	1200mm	65mm	65mm	1.22kg

Unit = mm

Product Data

Part Number	Power	Lumen Output	CCT
BCL-2-16S120*	8W/16W	1000lm-1920lm	Colour Selectable (3000K/4000K/5700K)
BCL-4-30S120*	15W/30W	2000lm-3600lm	Colour Selectable (3000K/4000K/5700K)

^{*}Emergency option available, add '-E' to model code, eg: BCL-4-30S120-E







[PYTHON]

WEATHERPROOF LED BATTEN















Description

The [PYTHON] features in-built colour temperature and wattage selection, large terminal block and heavy duty stainless steel clips to provide flexibility for any project. Also available in emergency versions.



Key Features

- > 3 year professional warranty
- > High efficacy up to 130lm/W
- > Selectable colour temperature and wattage
- Durable polycarbonate body and diffuser with stainless steel clips
- > Emergency options available



The [PYTHON]^E automatically switches to it's AS2293-tested emergency function when the mains power supply fails. Featuring over 150 minutes of emergency operation supported by high capacity and long lifetime batteries. Rated C0 = D80 (14.8m), C90 = D50 (14.8m) across all models.

Features:

- 150mins Emergency operation
- Test button for self-test function
- High capacity
- 3 year battery warranty

EMERGENCY SPECIFICATION

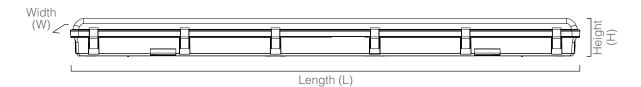
Emergency LED Power	2W
Output Current	80V/25mA
Battery Charging Ambient Temp.	0°C ~ +55°C
Battery Model	Cyantronic



Rated Life	≥50,000 hours
Body	Polycarbonate
Installation	Surface Mount
Beam Angle	120°
Power Factor	>0.9

CRI	≥Ra80
Operating Temperature	-20°C to +45°C
Input Voltage	220 - 240 VAC ~ 50/60Hz
IP Rating	IP65
Connection	Terminal Block

Dimensional Drawing



Wattage	Length mm	Width mm	Height mm	Weight kg
BP-2-18S120	640	100	85	0.95
BP-2-18S120-E	640	100	85	1.15
BP-4-28S120	1240	100	85	1.64
BP-4-28S120-E	1240	100	85	1.84

Product Data

Part Number	Power	Lumen Output	ССТ
BP-2-18S120	9W/18W	1400lm-2400lm	3000K/4000K/5700K
BP-2-18S120-E	9W/18W	1400lm-2400lm	3000K/4000K/5700K
BP-4-28S120	14W/28W	1960lm-3750lm	3000K/4000K/5700K
BP-4-28S120-E	14W/28W	1960lm-3750lm	3000K/4000K/5700K







[VIPER]

WEATHERPROOF LED BATTEN

















Description

The [VIPER] is a robust and versatile weatherproof LED batten built to best-in-class specifications. Featuring both in-built selectable colour temperature and wattage along with a large terminal block and heavy duty stainless steel clips, the [VIPER] provides ultimate flexibility for any project. Also available in emergency versions.



Key Features

- > Tri-colour and wattage selectable
- Durable polycarbonate body and diffuser with stainless steel clips
- Screw point for optional vandal-resistant installation
- Pre-installed clips for quick and easy installation
- > Emergency options available
- Quick-Connect plug on base for easy installation



The [VIPER]^E automatically switches to it's emergency function when the mains power supply fails. Featuring over 180 minutes of emergency operation supported by high capacity and long lifetime LiFePo4 batteries.

Features:

- 180mins Emergency operation
- Test button for self-test function
- High capacity
- LiFePo4 batteries
- 3 year battery warranty

EMERGENCY SPECIFICATION

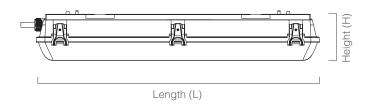
Emergency LED Power	2W
Output Current	32-110mA
Battery Charging Ambient Temp.	-20°C ~ + 60°C
Battery Model	LiFePo4 YH11-403



Rated Life	≥50,000 hours
Body	Polycarbonate
Installation	Surface Mounted
Beam Angle	120°
Power Factor	>0.9
CRI	>83

Operating Temp.	-20°C to +40°C	
Input Voltage	220 - 240 VAC ~ 50/60Hz	
IP Rating	IP65	
Connection	Terminal Block with Quick Connect Plug	
Net Weight (kg)	BV-2-14S120: 1.3 BV-2-14S120-E: 1.6 BV-2-14S120-SD: 1.6	BV-4-24S120: 2.1 BV-4-24S120-E: 2.4 BV-4-24S120-SD: 2.2 BV-4-24S120-ESD: 2.5

Dimensional Drawing



Model	Length mm	Width mm	Height mm
BV-2-14S120	655	130	88
BV-4-24S120	1265	130	88

Product Data

Part Number	Power	Lumen Output	ССТ
BV-2-14S120	8W-14W	1120lm-1960lm	Colour Selectable (3000K/4000K/5700K)
BV-2-14S120-E*	10W-16W	1120lm-1960lm	Colour Selectable (3000K/4000K/5700K)
BV-2-14S120-SD [†]	8W-14W	1120lm-1960lm	Colour Selectable (3000K/4000K/5700K)
BV-4-24S120	14W-24W	1960lm-3360lm	Colour Selectable (3000K/4000K/5700K)
BV-4-24S120-E*	16W-26W	1960lm-3360lm	Colour Selectable (3000K/4000K/5700K)
BV-4-24S120-SD [†]	14W-24W	1960lm-3360lm	Colour Selectable (3000K/4000K/5700K)
BV-4-24S120-ESD [‡]	16W-26W	1960lm-3360lm	Colour Selectable (3000K/4000K/5700K)

^{*}Emergency option

*VEET and IPART approval may not cover all models. For a full listing please visit tekniklighting.com.au/approvals.





[†]Sensor option

[‡]Emergency Sensor option



[VIPER]

GREEN/AMBER
WEATHERPROOF LED BATTEN









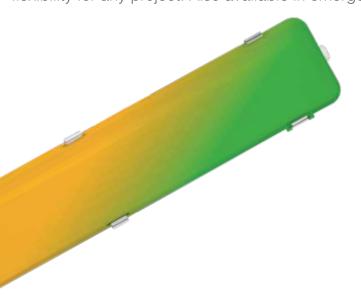






Description

The [VIPER] is a robust and versatile weatherproof LED batten built to best-in-class specifications. Featuring in-built wattage selection and Green or Amber colour options along with a large terminal block and heavy duty stainless steel clips, the [VIPER] provides ultimate flexibility for any project. Also available in emergency versions.



Key Features

- Selectable wattage and colour: Green (516nm) or Amber (587nm)
- Durable polycarbonate body and diffuser with stainless steel clips
- Screw point for optional vandal-resistant installation
- Pre-installed clips for quick and easy installation
- > Emergency options available
- Quick-Connect plug on base for easy installation



The [VIPER]^E automatically switches to it's emergency function when the mains power supply fails. Featuring over 180 minutes of emergency operation supported by high capacity and long lifetime LiFePo4 batteries.

Features:

- 180mins Emergency operation
- Test button for self-test function
- High capacity
- LiFePo4 batteries
- 3 year battery warranty

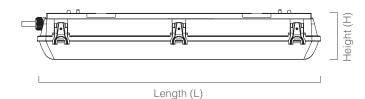
EMERGENCY SPECIFICATION

Emergency LED Power	2W
Output Current	10-40mA
Battery Charging Ambient Temp.	0°C ~ + 45°C
Battery Model	LFP7302-S20

Rated Life	≥50,000 hours
Body	Polycarbonate
Installation	Surface Mounted
Beam Angle	120°
Power Factor	>0.9
CRI	n/a

Operating Temp.	-20°C to +45°C	
Input Voltage	220 - 240 VAC ~ 50/60Hz	
IP Rating	IP65	
Connection	Terminal Block with Quick	Connect Plug
Net Weight (kg)		-4-40GA120: 2.1 -4-40GA120-E: 2.4

Dimensional Drawing



Model	Length mm	Width mm	Height mm
BV-2-20GA120	655	130	88
BV-4-40GA120	1265	130	88

Product Data

Part Number	Power	Lumen Output	CCT
BV-2-20GA120	11W-20W	Green: 2040lm / Amber 1872lm	Colour Selectable: Green (516nm)/Amber (587nm)
BV-2-20GA120-E*	13W-22W	Green: 2040lm / Amber 1872lm	Colour Selectable: Green (516nm)/Amber (587nm)
BV-4-40GA120	23W-40W	Green: 3920lm / Amber 3600lm	Colour Selectable: Green (516nm)/Amber (587nm)
BV-4-40GA120-E*	25W-42W	Green: 3920lm / Amber 3600lm	Colour Selectable: Green (516nm)/Amber (587nm)

^{*}Emergency option







[ENDURO]

WEATHERPROOF LED BATTEN



















Description

The [ENDURO] is built with premium-grade materials, making it one of the most durable weatherproof LED battens on the market. The [ENDURO] features a large terminal block, heavy duty stainless steel clips and multiple knockouts for side and rear cable entry.



Key Features

- > Tri-colour and wattage selectable
- > High efficiency up to 135lm/W
- Durable polycarbonate body and diffuser with stainless steel clips
- Screw point for optional vandal-proof installation
- > GRP, Emergency and sensor options
- > Green (532nm) LED option available
- > Easy guick connect mounting system



The [ENDURO]^E automatically switches to it's AS2293-tested emergency function when the mains power supply fails. Featuring over 150 minutes of emergency operation supported by high capacity and long lifetime LiFePo4 batteries. Rated C0 = D100, C90 = D63 across all models.

Features:

- 150mins Emergency operation
- Test button for self-test function
- High capacity
- LiFePo4 batteries
- 3 year battery warranty

EMERGENCY SPECIFICATION

Emergency LED Power	4W
Output Current	32-110mA
Battery Charging Ambient Temp.	-20°C ~ +60°C
Battery Model	LiFePo4 YH11-403

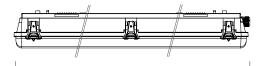
*VEET and IPART approval on may not cover all models. For a full listing please visit tekniklighting.com.au/approvals.



Rated Life	≥50,000 hours
Body	Polycarbonate
Installation	Surface mounted, suspended
Beam Angle	120°
Power Factor	>0.95
CRI	>83
Surge	0.5KV
Withstand Voltage	AC3750V

Operating Temperature	-20°C to +45°C (+ 40°C Em)
Input Voltage	200-264 VAC ~ 50/60Hz
IP Rating	IP65
IK Rating	IK08
Connection	Terminal block with quick connect gear tray
Net Weight	1.1kg (600mm) (1.3kg Em) 1.9kg (1600mm) (2.2kg Em)

Dimensional Drawing





Length (L) Width (W)

Wattage	L	Н	W
18W-10W (Standard)	600	108	120
28W-18W (Standard)	1160	108	120
18W-10W (GRP)	600	100	123
28W-18W (GRP)	1200	100	123

Unit = mm

Product Data

Part Number	Power	Lumen Output	ССТ
BE-2-18S120	10W-18W	1300lm-2340lm	Tri-colour (3000K / 4000K / 5700K)
BE-4-28S120	18W-28W	1820lm-3780lm	Tri-colour (3000K / 4000K / 5700K)
BE-2-20G120	20W	Indication	Green (532nm)
BE-4-36G120	36W	Indication	Green (532nm)

Sensor option available, add '-S' to model code.
Emergency option available, add '-E' to model code.
Dimmable option available, add '-D' to model code.
GRP option available, add '-P' to model code
eg. BE-4-36S120-EPSD (Emergency, GRP, Sensor, Dimmable)

		tin	

Note: Default factory settings are in bold

Sensitivity	25% / 50% / 75% / 100%
Hold Time	5s / 90s / 5min / 25min
Daylight Sensor	10 lux / 30 lux / 50 lux / 100 lux / Disable
Stand-by Period	1min / 5min / 25min / + ∞
Stand-by Brightness	0% / 10% / 25% / 50%

GRP Specfications		
Body	GRP	
Diffuser	Polycarbonate	
IK Rating	IK10	
IP Rating	IP65	
Weight	1.6kg (600mm) 3.0kg (1200mm)	

Note: For daylight sensor to activate, light needs to enter "Off" state via standby period setting or by cycling mains power







[ENDURO]

WEATHERPROOF GRP LED BATTEN GREEN/AMBER















Description

The [ENDURO] special application range maintains the premium grade materials and durability of the rest of the [ENDURO] range and includes this version with selectable colour for non-insect attracting and Turtle friendly in the Amber range (592nm) and an Eyewash station indication of Green (532nm)



Key Features

- > Wattage selectable
- GRP body with polycarbonate diffuser and stainless steel clips
- Screw point for optional vandal-proof installation
- > Emergency options available
- Green (532nm) and Amber (592nm) colour selectable
- > Easy quick connect mounting system



The [ENDURO]^E automatically switches to it's AS2293-tested emergency function when the mains power supply fails. Featuring over 150 minutes of emergency operation supported by high capacity and long lifetime batteries. Rated C0 = D80, C90 = D50 across all models.

Features:

- 150mins Emergency operation
- Test button for self-test function
- High capacity
- 3 year battery warranty

EMERGENCY SPECIFICATION

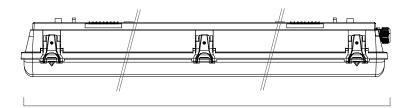
Emergency LED Power	2.5W
Output Current	36V/70mA
Battery Charging Ambient Temp.	0°C ~ +55°C
Battery Model	Effort 3.2V/3Ah

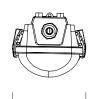


Rated Life	≥50,000 hours
Body	GRP
Installation	Surface mounted
Beam Angle	120°
Power Factor	0.9
CRI	n/a

Operating Temperature	-25°C to +50°C (+ 40°C Em)
Input Voltage	198-264 VAC ~ 50/60Hz
IP Rating	IP66
IK Rating	IK10
Connection	Terminal block with plug

Dimensional Drawing





Height (H)

Length (L)

Width (W)

Wattage	Length mm	Width mm	Height mm	Weight kg
BE-2-18GA120-P	600	116	100	1.68
BE-2-18GA120-EP	600	116	100	1.88
BE-4-36GA120-P	1200	116	100	3.04
BE-4-36GA120-EP	1200	116	100	3.18

Product Data

Part Number	Power*	Lumen Output	ССТ
BE-2-18GA120-P	10W/13W/15W/18W	Green 1381lm-2259lm / Amber 1698lm-2778lm	Green (532nm) / Amber (592nm)
BE-2-18GA120-EP	20W	Green 1381lm-2259lm / Amber 1698lm-2778lm	Green (532nm) / Amber (592nm)
BE-4-36GA120-P	23W/28W/32W/36W	Green 2507lm-3923lm / Amber 3241lm-5072lm	Green (532nm) / Amber (592nm)
BE-4-36GA120-EP	23W/28W/32W/36W	Green 2507lm-3923lm / Amber 3241lm-5072lm	Green (532nm) / Amber (592nm)

 $^{^{\}ast}$ actual wattage of emergency versions may be higher during charging cycle







[RAIDER]

VANDALPROOF LED BATTEN













Description

The [RAIDER] is built with a premium grade cast aluminium body and polycarbonate diffuser, making it one of the most durable vandal proof LED battens on the market. The [RAIDER] features a large terminal block and tamper resistant screws.



Key Features

- > Tri-colour and wattage selectable
- > High efficiency up to 125lm/W
- Durable aluminium body with polycarbonate diffuser and stainless steel tamper resistant screws
- > Emergency and sensor options available



The [RAIDER]^E automatically switches to it's emergency function when the mains power supply fails. Featuring over 150 minutes of emergency operation supported by high capacity and long lifetime LiFePo4 batteries.

Features:

- 150mins Emergency operation
- Test button for self-test function
- High capacity
- LiFePo4 batteries
- 3 year battery warranty

EMERGENCY SPECIFICATION

Emergency LED Power	4W
Output Current	32-110mA
Battery Charging Ambient Temp.	-20°C ~ + 60°C
Battery Model	LiFePo4 YH11-403



Rated Life	≥50,000 hours
Body	Aluminium
Installation	Surface Mount
Beam Angle	120°
Power Factor	>80
CRI	>83

-10°C to +45°C
198-264 VAC ~ 50/60Hz
IP66
Terminal Block
IK10

Dimensional Drawing





Wattage	L	Н	W
18W-10W	660	95	110
36W-23W	1170	95	110
			Unit = mm

Product Data

Part Number	Power	Lumen Output	ССТ
BR-2-20S120	10W-18W	1370lm-2700lm	Tri-Colour (3000K / 4000K / 5700K)
BR-2-20C120-E	10W-18W	1370lm-2700lm	4000K
BR-4-36S120	23W-36W	2700lm-4860lm	Tri-Colour (3000K / 4000K / 5700K)
BR-4-36S120-E	23W-36W	2700lm-4860lm	Tri-Colour (3000K / 4000K / 5700K)

⁻E for Emergency Kit







[LINK]











Description

The [LINK] is a unique trunkable LED batten which connects seamlessly for runs of up to 42m from a single connection point. Constructed to be a versatile solution for retail and commercial applications, the [LINK] has numerous mounting options matched with premium components for reliable long life performance.

Easy Installation

Seamless end-toend mounting with connectors included.

Key Features

- > Multiple mounting options
- > 5 year warranty with ≥50,000 hour life
- > 42m run lengths
- Premium aluminium body for improved heat dissipation
- > Tri-colour (3000K/4000K/5700K)

INCLUDED ACCESSORIES

Includes:

- 2 x Mounting Clamp
- 1 x 2 Piece Connector Mount
- 1 x Suspension Cable (1m)
- 1 x AC Linkable Connector
- 1 x Cable Length Adjusting Wall Mount
- 2 x Wall Plug
- 2 x Screv
- 1 x Electrical End Cap

Rated Life	≥50,000 hours
Body	Aluminium
Installation	Surface Mounted, Suspension
Beam Angle	120°
Power Factor	>0.95

CRI	>80
Operating Temperature	-20°C to +40°C
Input Voltage	100-265 VAC ~ 50/60Hz
IP Rating	IP42
Connection	Flex/Connector (1.5m)

Dimensional Drawing





Width (W)

Length (L)

Wattage	Maximum Trunkable Pieces	Length mm	Width mm	Height mm	Weight kg
20W	70	600	54	72	0.7
36W	35	1200	54	72	1.26
50W	28	1500	54	72	1.61

Product Data

Part Number	Power	Lumen Output	сст*
BL-2-20S120*	20W	2500lm-2700lm	Tri-colour (3000K / 4000K / 5700K)
BL-4-36S120	36W	4500lm-4860lm	Tri-colour (3000K / 4000K / 5700K)
BL-5-50S120*	50W	6250lm-6750lm	Tri-colour (3000K / 4000K / 5700K)

^{*} Available via special order







[AMPRO]

AMMONIA RESISTANT BATTEN











Description

Designed to resist long-term exposure to ammonia based cleaning and other corrosive environments, while delivering improved lighting levels, the [AMPRO] is a batten purpose-built for the meat, food-processing and general industry.

Dust-shedding design

Its smooth and curved profile is designed to limit dust build-up.

Key Features

- > High efficiency up to 110lm/W
- > Rugged design with IK10 rating
- Designed for harsh environments with ammonia resistance testing
- Premium stainless steel mount for chemical resistance



Rated Life	≥50,000 hours
Body	Polycarbonate
Installation	Surface mounted
Beam Angle	120°
Power Factor	>0.95
CRI	>83
IK Rating	IK10

Operating Temperature	-20°C to +50°C
Input Voltage	220-240 VAC ~ 50/60Hz
IP Rating	IP67
Connection	Flex
Net Weight	1.3kg (20W) 1.5kg (40W) 2.1kg (60W)

Dimensional Drawing



Length (L)

Model	L	Dia.	Н
20W	605	Ø80	100
40W	1205	Ø80	100
60W	1505	Ø80	100

Unit=mm

Product Data

Part Number	Power	Lumen Output	CCT
BA-2-20D120*	20W	2200lm	5000K
BA-4-40D120	40W	4600lm	5000K
BA-5-60D120*	60W	6300lm	5000K

^{*} Available via special order









from individual homes through to large scale developments.



[ROMEO]

LED CEILING LIGHT













Description

A sleek, low profile and modern outlook combined with colour and wattage selection ensures the [ROMEO] will suit any application. Sealed with an IP40 rating to protect against dust and bugs.

With easy colour and wattage switching, the [ROMEO] is a versatile LED ceiling light. Its flush mounting system is designed to suit a range of different residential and commercial settings.

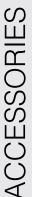


Key Features

- > Sleek modern design
- > Extra large terminal block
- Wattage selectable
- Tri-colour adjustable with user friendly switch
- > IP40 resistant to dust and insects
- > Centrally located cable entry

Tri-Colour

Switchable colour temperatures and wattage for versatile installations.





Trim Ring - White

OR-330-RING-WH	OR-380-RING-WH
Ø335 x 24mm	Ø385 x 26mm
Steel	Steel
White	White
	Ø335 x 24mm Steel



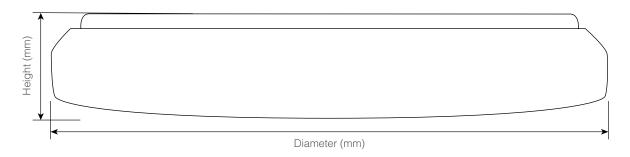
Trim Ring - Black

Model No.	OR-330-RING-BK	OR-380-RING-BK
Size	Ø335 x 24mm	Ø385 x 26mm
Material	Steel	Steel
Colour	Black	Black

Rated Life	≥30,000 hours
Body	Steel & PMMA
Installation	Surface Mount
Beam Angle	120°
Power Factor	≥0.5

CRI	>80
Operating Temperature	Ta40°
Input Voltage	200 - 240 VAC ~ 50/60Hz
IP Rating	IP40
Connection	Terminal Block

Dimensional Drawing



Model	Diameter mm	Height mm	Weight kg
OR-330-20S120	Ø330	65	0.59
OR-380-30S120	Ø380	65	0.78

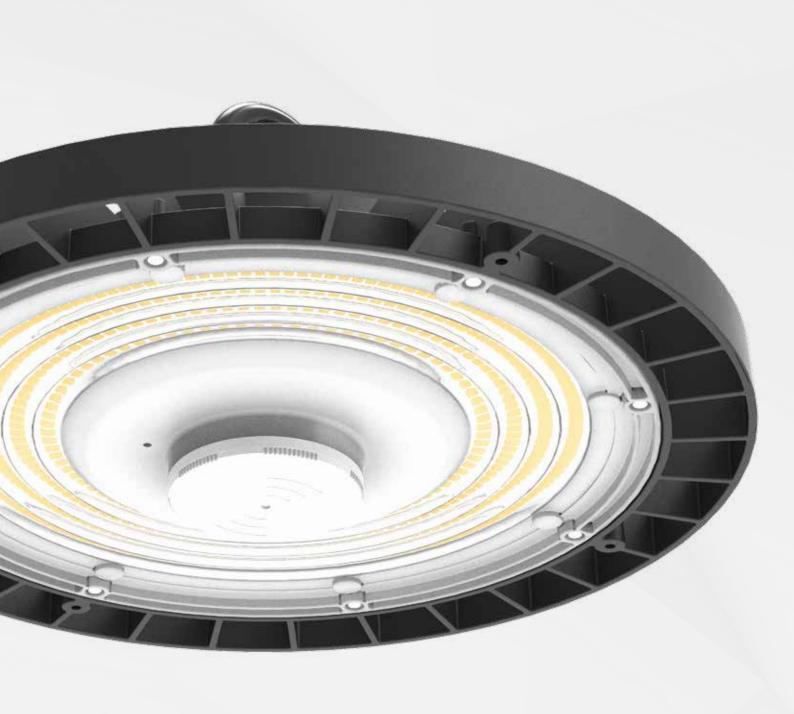
Product Data

Part Number	Power	Lumen Output	CCT
OR-330-20S120	10W/20W	1800lm	3000K/4000K/5700K
OR-380-30S120	15W/30W	2700lm	3000K/4000K/5700K











Offering solutions from cutting edge efficiency and output through to feature-packed cost effective fittings to suit every environment.



[SMARTBAY]

GEN 2 'ONE BOX' LED HIGHBAY















Description

The [SMARTBAY] GEN 2 'ONE BOX' LED Highbay is an industry first bringing together advanced automatic Daylight detection with motion control and integrated wattage selection. With all these technologies packed into one convenient fitting, the [SMARTBAY] can be used across virtually any project or application. With an efficacy of up to 198lm/W, an IP65 rating and a 5-year warranty, we've ensured the [SMARTBAY] ticks all the boxes.

WATTAGE SELECTABLE

85W - 100W - 150W - 200W

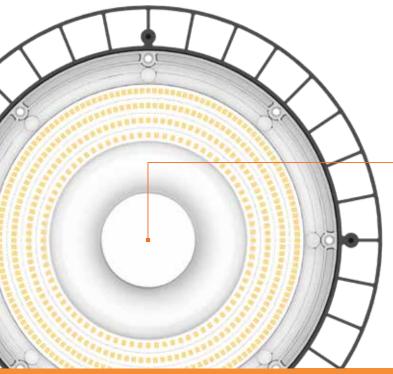


INTEGRATED SENSOR

Motion + Daylight

Key Features

- > High efficacy up to 198lm/W
- Convenient, tool-less, on-board wattage selection
- True 'ONE BOX' design for maximum versatility
- Integrated sensor incorporating daylight harvesting and motion detection



Included Control Modules

Specially designed plug and play modules for simple change between standard and sensor version



Adjustable Options

Multi Sensor Module

HF System	5.8GHz CW Radar
Detection Range	Max. 14m (Ceiling Mounted)
Daylight Sensor	2 - 400lux / Disable
Standby Mode	0s - 1hr / 10% - 50% Dimming

Settings customisable via optional remote control, HS-REM-LCD. For full programming options, see remote control manual.

Default Sensor Settings

Detection Range (DXH)	100%
Hold Time	20mins
Daylight Sensor	400lux
Stand-by Period	+∞
Stand-by Dimming Level	30%

Switchable Power Module

Selectable Wattages	200W/150W/100W/85W		
Output Levels	85W 16,800lm 198lm/W 100W 19,600lm 196lm/W 150W 28,700lm 191lm/W 200W 36,200lm 181lm/W		



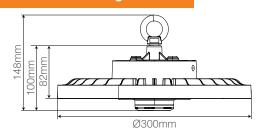
Plug In Module

Technical Specifications

Rated Life	≥50,000 hours	
Body	Aluminium	
Installation	Chain mounted Surface mounted (optional bracket)	
Beam Angle	120°	
Power Factor	>0.95	
CRI	>70	

Operating Temperature	-40°C to +50°C
Input Voltage	90-305 VAC ~ 50/60Hz
IP Rating	IP65
IK Rating	IK08
Net Weight	2.2kg
Connection	Flex and Plug (1.5m)

Dimensional Drawing



Maximum Loads per Circuit Breaker

Circuit Breaker Type	No. of Units
16A Type C	7
16A Type B	4
10A Type C	4
10A Type B	3

Product Data

Part Number	CCT
HS-200D120-SG2	5000K (Daylight)

Accessories



Remote Control HS-REM-LCD



Bracket Mount







[PRIME]

GEN 3 LED HIGHBAY













Description

The [PRIME] GEN 3 LED Highbay is a blend of high efficacy and robust construction, ideal for premium and industrial applications. With its custom lensing for glare reduction and improved light throw, its dust-resistant unique heat sink, and a 10-year warranty, the [PRIME] is a true best-in-class luminaire.



Key Features

- > Efficacy up to 180lm/W
- > Low glare UGR<25
- > Durable design
- Unique design to reduce dust build up

ACCESSORIES



Microwave Motion Sensor



Remote Control for Microwave Motion Sensor



Ceiling Mount Bracket

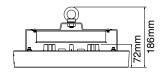




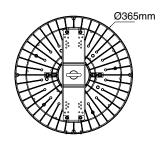
Rated Life	≥131,000 hours
Body	Powder Coated Aluminium Alloy
Installation	Suspension Mount / Ceiling Mount
Beam Angle	90° / 120°
Power Factor	>0.95
CRI	>Ra70

Operating Temperature	-30°C to +50°C
Input Voltage	100 - 240 VAC ~ 50/60Hz
IP Rating	IP65
Connection	Flex & Plug
Weight	3.3kg

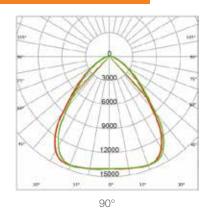
Dimensional Drawing

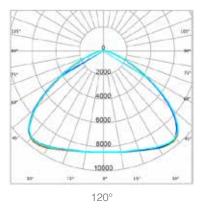


Without Sensor



Photometry





Product Data

Part Number	Power	Lumen Output	ССТ
HP-85D90-G3, HP-85D120-G3	85W	15,000lm	5000K
HP-115D90-G3, HP-115D120-G3	115W	21,000lm	5000K
HP-180D90-G3, HP-180D120-G3	180W	32,400lm	5000K
HP-85D90-SG3, HP-85D120-SG3	85W	15,000lm	5000K
HP-115D90-SG3, HP-115D120-SG3	115W	21,000lm	5000K
HP-180D90-SG3, HP-180D120-SG3	180W	32,400lm	5000K







[ENVIROBAY]

LED HIGHBAY









Description

The [ENVIROBAY] is purpose designed to maximise energy savings without compromising on output. With the included plug and play sensor, the [ENVIROBAY] provides flexibility for your individual needs. [ENVIROBAY] has an efficacy of 190lm/W, an IP65 rating, and comes with a five-year warranty making it the ideal choice for many commercial and industrial applications.

Control Module

Specially designed plug and play module for simple change between standard and sensor version

Key Features

- > High efficacy up to 190lm/W
- Included sensor incorporating daylight harvesting and motion detection
- > 5-year warranty
- Suitable for commercial or industrial environment



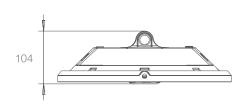


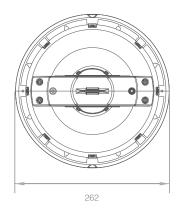


Rated Life	≥50,000 hours
Body	Aluminium
Installation	Chain mounted Surface mounted (optional bracket)
Beam Angle	120°
Power Factor	>0.95
CRI	>80

Operating Temperature	-40°C to +50°C
Input Voltage	100-277 VAC ~ 50/60Hz
IP Rating	IP65
IK Rating	IK08
Net Weight	2.1kg
Connection	Flex and Plug

Dimensional Drawings



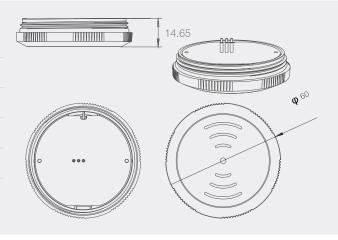


Product Data

Part Number	Power	Lumen Output	CCT	Beam Angle	Diameter	Height	Weight
HE-100D120-S	100W	19,000lm	5000K	120°	262mm	104mm	2.10kg

CONTROL MODULE

Sensor Module	HL-SEN	
HF System	5.8GHz CW Radar	
Detection Range	Max. 16 x 12m / 30° - 150°	
Daylight Sensor	2 - 500lux / Disable	
Standby Mode	10s - 1hr / 10-50% Dimming	
Sensor settings customisable via optional remote control		









[LITEBAY]

LED HIGHBAY











Description

The [LITEBAY] LED Highbay is the perfect choice where a high quality highbay is required on a budget. By offering optional control modules of either a plug and play sensor or a wattage selection module accessory, the [LITEBAY] provides flexibility for your individual needs. [LITEBAY] has an efficacy of 140lm/W, an IP65 rating, and a comes with five-year warranty making the [LITEBAY] the ideal choice for many commercial and industrial applications.

Optional Control Modules

Specially designed plug and play modules for simple change between standard, wattage selection and sensor version

Key Features

- > High efficacy up to 140lm/W
- Optional Wattage selector or sensor incorporating daylight harvesting and motion detection
- > 5-year warranty
- Suitable for commercial or industrial environment



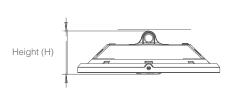


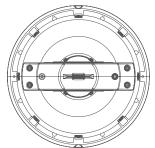


Rated Life	≥50,000 hours
Body	Aluminium
Installation	Chain mounted Surface mounted (optional bracket)
Beam Angle	120°/ 90°/ 60°
Power Factor	>0.95
CRI	>80

Operating Temperature	-40°C to +50°C
Input Voltage	100-277 VAC ~ 50/60Hz
IP Rating	IP65
IK Rating	IK08
Net Weight	2.8kg
Connection	Flex and Plug

Dimensional Drawing





Wattage	Dia.	Н
150W	300	102
		Unit = mm

Product Data

Part Number	Power	Lumen Output	CCT
HL-150D60*	150W	21,000lm	5000K (Daylight)
HL-150D90*	150W	21,000lm	5000K (Daylight)
HL-150D120	150W	21,000lm	5000K (Daylight)

^{*} Special order. Minimum Order Quantities apply

OPTIONAL ACCESSORIES

Selectable Power Module

HL-WS

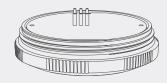
Selectable Wattages	128W / 105W / 85W / 60W
Optional Output Levels	60W - 8,700lm
	85W - 13,200lm
	105W - 15,700lm
	128W - 18,200lm

Sensor Module

HL-SEN

HF System	5.8GHz CW Radar
Detection Range	Max. 16 x 12m / 30° - 150°
Daylight Sensor	2 - 500lux / Disable
Standby Mode	10s - 1hr / 10-50% Dimming

Sensor settings customisable via optional remote control



Plug-in Sensor Module

Note: Only one accessory can be used per [LITEBAY] i.e. Each [LITEBAY] can only have either Wattage selection accessory or Sensor accessory attachment.







[LITEBAY]

GEN 2 LED HIGHBAY







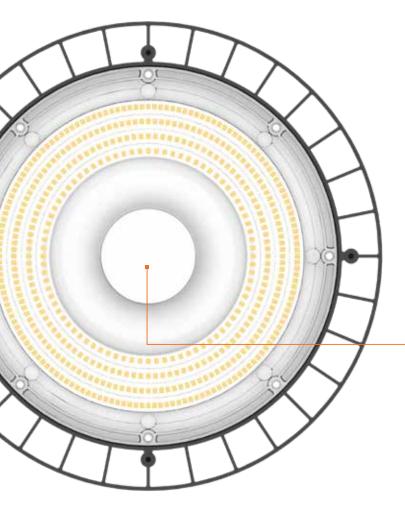






Description

The [LITEBAY] GEN 2 LED Highbay offers three selectable wattage levels and optional plug and play sensor in an upgraded housing, providing flexibility for your individual needs. Its features include an efficacy upgrade to 170lm/W, IP65 rating, and a five-year warranty - making it the ideal choice for many commercial and industrial applications.



Key Features

- > Wattage selectable
- > High effficacy up to 170lm/W
- > 0-10V dimmable
- > 5 year warranty
- > Optional sensor available

Optional Control Module

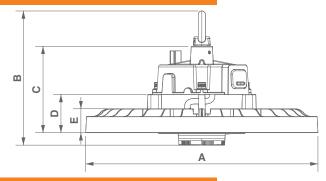
Specially designed plug and play modules for simple change between standard and sensor versions



Rated Life	≥50,000 hours
Body	Aluminium
Installation	Chain mounted
Beam Angle	120° (90°/60° special order)
Power Factor	>0.9
CRI	>80

Operating Temperature	-40°C to +50°C
Input Voltage	90-305 VAC ~ 50/60Hz
IP Rating	IP65
IK Rating	IK08
Connection	Flex and Plug (1.5m)

Dimensional Drawing



Model	A	B	C	D	E	Weight
	mm	mm	mm	mm	mm	kg
HL-200D120-G2	ø300	174	112	50	31	2.35

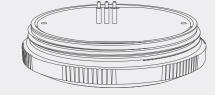
Product Data

Part Number	Power	Lumen Output	ССТ
HL-200D120-G2	100W/150W/200W	17,500lm/25,800lm/34,000lm	5000K
HL-200D90-G2*	100W/150W/200W	17,500lm/25,800lm/34,000lm	5000K
HL-200D60-G2*	100W/150W/200W	17,500lm/25,800lm/34,000lm	5000K

^{*}Special order. Minimum order quantities apply.

OPTIONAL ACCESSORIES

Sensor Module	HL-SEN-LCD
HF System	5.8GHz CW Radar
Detection Range	Max. Ø14m
Daylight Sensor	2 - 400lux / Disable
Standby Mode	10s - 1hr / 10-50% Dimming
6	



Sensor settings customisable via optional remote control HS-REM-LCD

Bracket Mount

Remote Control HS-REM-LCD













[FLUSHBAY]

LED CANOPY









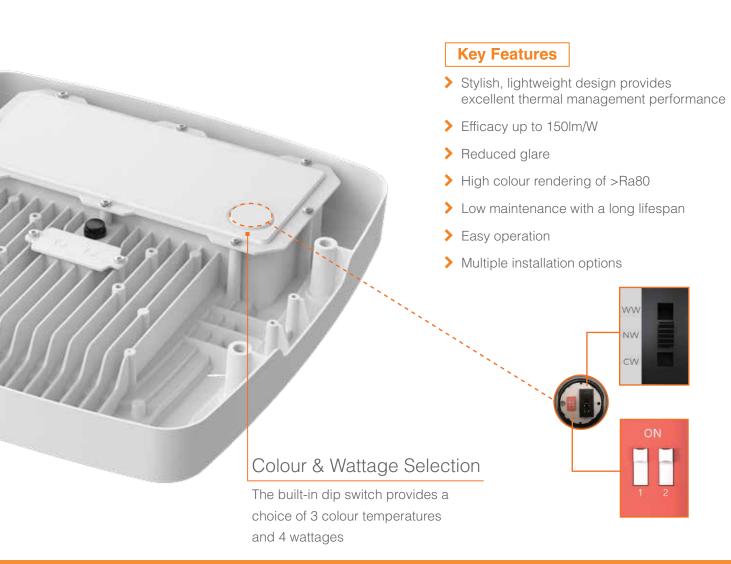






Description

The [FLUSHBAY] LED Canopy is a sleek option that will provide high efficacy, stylish design and energy efficiency in multiple indoor and outdoor areas, for example, parking structures, storage areas, service stations, walkways, and more.

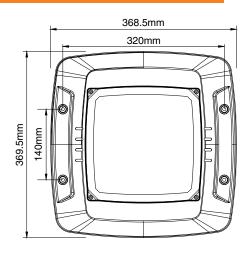




Rated Life	≥50,000 hours
Body	Powder Coated Aluminium Alloy
Installation	Surface Mount Surface Mount with Adaptor Plate G 3/4 Conduit Mount
Beam Angle	120°
Power Factor	>0.92

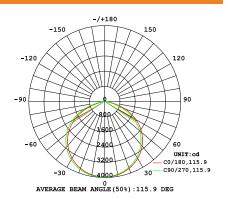
CRI	>Ra80
Operating Temperature	-30°C to +50°C
Input Voltage	120 - 240 VAC ~ 50/60Hz
IP Rating	IP65
Connection	Junction Box
Weight	4.4kg

Dimensional Drawing





Photometry



Product Data

Part Number	Power	Lumen Output	CCT
CF-120S120	36W-120W	5400lm-18,000lm	3000K/4000K/5000K









From slimline sensored residential flood lighting to extreme fittings designed from the ground up for mining and heavy industry.



[AURA] GEN 2 LED FLOODLIGHT









Description

The [AURA] **Gen 2** LED Floodlight provides superior area lighting in a variety of unit sizes and wattages. The sleek design and angled bracket make it quick and easy to install across any commercial or residential application.



Key Features

- > Slim design for easy installation
- > High quality powder coated finish
- > Swivel bracket for versatile mounting
- > User-friendly installation with flex and plug

Flexible Installation

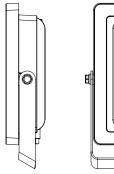
Angled bracket to allow easy installation with power tools.

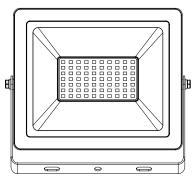


Rated Life	≥30,000 hours
Body	Powder Coated Aluminium
Installation	Adjustable Bracket
Beam Angle	110°
Power Factor	>0.9

CRI	>80
Operating Temperature	-20°C to +40°C
Input Voltage	220 - 240 VAC ~ 50/60Hz
IP Rating	IP65
Connection	Flex & Plug (1m)

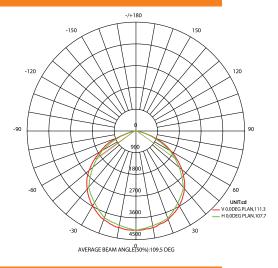
Dimensional Drawing





Model	Length mm	Width mm	Height mm	Weight kg
FA-30D110-G2	139	126	35	0.38
FA-50D110-G2	181	162	38	0.68
FA-100D110-G2	280	281	50	1.83
FA-200D110-G2	352	340	59	2.80

Photometry



Product Data

Part Number	Power	Lumen Output	CCT
FA-30D110-G2	30W	2850lm	5000K
FA-50D110-G2	50W	4500lm	5000K
FA-100D110-G2	100W	9000lm	5000K
FA-200D110-G2	200W	18,000lm	5000K







[SENTRY]

LED FLOODLIGHT













Description

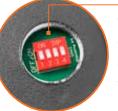
Versatile and designed to suit a wide range of industrial and commercial lighting applications with an efficacy of up to 150lm/W, the [SENTRY] is the ideal replacement for conventional flood lighting across the range of wattages. The [SENTRY] body is built from premium aluminium ensuring maximum strength with minimum weight.



Key Features

- Wattage Selectable (200W model only)
- Unique angled bracket design to allow easy installation with power tools
- > Slim design for easy installation
- > Highly efficient achieving up to 150lm/W
- Tempered glass for increased efficiency and durability
- Suitable for a wide range of applications including area, security and commercial lighting
- Asymmetric beam angle for more effective and even light distribution

Wattage Selection*



Onboard wattage selection with five selectable wattages.

*FS-200DT2-W model only

Flexible Installation

Angled bracket to allow easy installation with power tools.

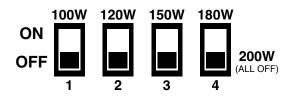


HERANIC SOUTIONS

Wattage Selectable Options

FS-200DT2-W Model

Selectable Wattages	200W/180W/150W/120W/100W
Output Levels	100W - 16,300lm 120W - 19,440lm 150W - 23,625lm 180W - 27,360lm 200W - 30,000lm

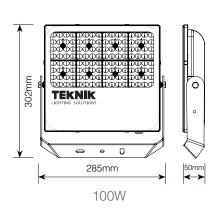


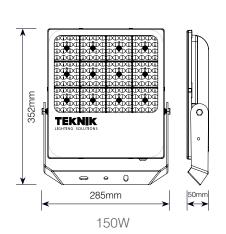
Technical Specifications

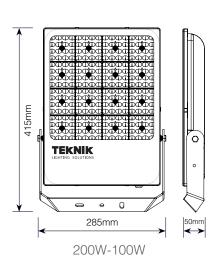
Rated Life	≥50,000 hours
Body	Aluminium
Installation	Adjustable bracket
Beam Angle	Asymmetric T2
Power Factor	>0.90
CRI	>70

Operating Temperature	-20°C to + 40°C
Input Voltage	90-305 VAC ~ 50/60Hz
IP Rating	IP65
IK Rating	IK08
Connection	Flex and plug (1.2m)

Dimensional Drawing







Product Data

Part Number	Power	Lumen Output	CCT	
FS-100DT2	100W	15,000lm	5000K	
FS-150DT2	150W	22,500lm	5000K	
FS-200DT2-W	100W-200W	16,300lm-30,000lm	5000K	

Accessories



Pole Mount FV-BRKT-PM



5/26-34 Dunning Ave, Rosebery NSW 2018 1300 313 780 | info@tekniklighting.com.au tekniklighting.com.au





[VISION]

LED FLOODLIGHT











Description

The [VISION] is a corrosion resistant floodlight designed for the harshest marine and industrial applications. A combination of powder-coated aluminium and 316 grade stainless steel materials ensure this floodlight will stand up to any environment. In addition to the corrosion resistance, the [VISION] has a high impact protection rating and efficacy to ensure it will perform well in all applications.

Key Features

- > High luminous efficacy of 140lm/w
- Premium components with 5-year warranty
- Unique open heatsink to prevent dirt build up
- 316 marine grade stainless steel fixings, specially treated to maximise corrosion resistance





Multiple installation options available.

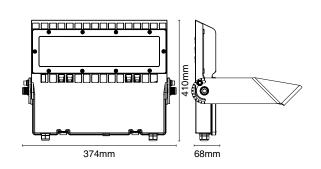
45° 316 marine grade stainless steel bracket with pole mount option also available.



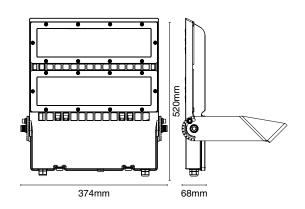
Rated Life	≥50,000 hours
Body	Aluminium, 316 Marine Grade Stainless Steel
Installation	Bracket
Beam Angle	T2
Power Factor	>0.95

CRI	>70
Operating Temperature	-40°C to +50°C
Input Voltage	90 - 305 VAC ~ 50/60Hz
IP Rating	IP66
Connection	Terminal Block

Dimensional Drawing

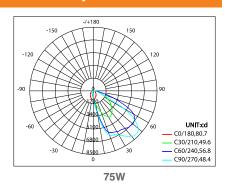


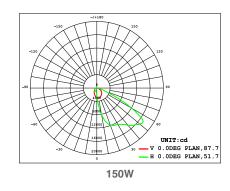
Model	Length	Width	Depth	Weight
FV-75DT2	410mm	374mm	68mm	5.3kg
FV-150DT2	410mm	374mm	68mm	5.5kg

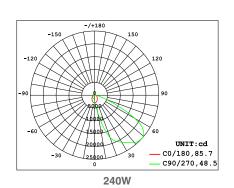


Model	Length	Width	Depth	Weight
FV-240DT2	520mm	374mm	68mm	7.1kg

Photometry







Product Data

Part Number	Power	Lumen Output	CCT
FV-75DT2	75W	10,500lm	5000K
FV-150DT2	150W	21,000lm	5000K
FV-240DT2	240W	33,600lm	5000K

Other colours, wattages and distributions available as special order, please contact your Teknik Lighting Solutions representative for further information.

Accessories



Pole Mount FV-BRKT-PM



5/26-34 Dunning Ave, Rosebery NSW 2018 1300 313 780 | info@tekniklighting.com.au

tekniklighting.com.au





[ELITE] LED FLOODLIGHT











Description

The [ELITE] is an innovative multi-functional floodlight that is suitable for high powered floodlighting applications. A best-in-market structural and optic design ensures [ELITE] can achieve a high level of uniformity and control while minimising obtrusive light and glare.



Anti-Corrosive Finish

Electrophoresis plus powder coating surface treatment provides better anticorrosion performance

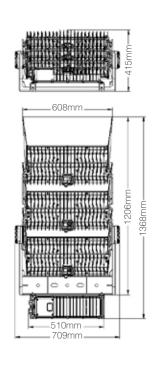
- Professional and precise optic design guarantees high quality, pollution free, lighting performance
- > Visor included to minimise light pollution
- Remote power supply for easier installation and maintenance
- > 20kV surge protection

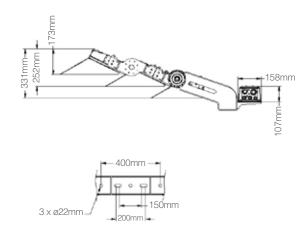


Rated Life	≥50,000 hours	
Body	Aluminium	
Installation	Bracket Mounting	
Beam Angle	T4	
Power Factor	>0.95	
CRI	≥Ra70	

Operating Temperature	-30°C to +45°C
Input Voltage	200-420VAC ~ 50/60 Hz
IP Rating	IP66
IK Rating	IK08
Lamp Body Weight	36.7 kg
Driver Box Weight	6.0 kg

Dimensional Drawing





Length	Width	Height
mm	mm	mm
1368	709	415

Product Data

Part Number	Power	Lumen Output	ССТ
FE-1800DT4-V2 (non Dimmable)	1800W	234,000lm	5700K
FE-1800DT4-V2D (0-10V Dimmable)	1800W	234,000lm	5700K
FE-1800DT4-V2DD (DALI Dimmable)	1800W	234,000lm	5700K



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[OVERWATCH]

HIGH POWERED LED FLOODLIGHT











Description

The [OVERWATCH] LED floodlights are the toughest and most powerful lights in Teknik's range. Designed to replace conventional floodlights, the [OVERWATCH] is a versatile fitting offering a variety of custom optics to enhance efficiency and light spread. The [OVERWATCH] range includes four different outputs, each designed to replace conventional floodlights up to 2kW, giving a more efficient and improved lighting solution.



Key Features

- ➤ High lumen package with options from 84,000lm to 187,000lm
- High CRI options available for HD TV broadcast lighting
- Optic lens covered by 5mm thick toughened glass, protecting it from harsh elements and UV damage
- > All cables enclosed in bird resistant conduit

Independent Control Box

Options for onboard and remote mounting of driver box up to 50 metres distance from the floodlights.

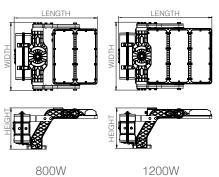
Technical Specifications

Rated Life	≥53,000 hours
Body	Powder Coated Aluminium
Installation	Bracket Mounting
Beam Angles	12°, 30°, 45°, 60°, T1, T2, T4
Power Factor	>0.92
CRI	>Ra70

Operating Temperature	-30°C to +40°C
Input Voltage	100 - 240 VAC/277 - 480 VAC 50-60Hz
IP Rating	IP66
IK Rating	IK08

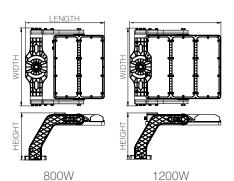


Dimensional Drawings



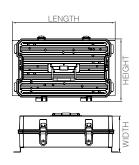
ONBOARD DRIVER

Length Width Height Weight 800W 731mm 597mm 356mm 26.0kg 1200W 825mm 597mm 356mm 33.2kg



REMOTE DRIVER

	Length	Width	Height	Weight
800W	607mm	597mm	356mm	18.5kg
1200W	701mm	597mm	356mm	21.9kg



800W/1200W

DRIVER BOX				
	Length	Width	Height	Weight
800W	458mm	159mm	278mm	10.0kg
1200W	458mm	159mm	278mm	13.5ka

EPA

Lamp Body Angle	0 °	15°	30°	40°	50°	65°	90°
ONBOARD DRIVER							
800W	$0.2m^{2}$	$0.224m^2$	0.258m ²	$0.279 m^2$	0.295m ²	$0.315m^{2}$	0.328m ²
1200W	0.2m ²	0.237m ²	0.283m ²	0.290m ²	0.334m ²	0.371m ²	0.392m ²
REMOTE DRIVER							
800W	$0.091m^2$	$0.141m^2$	$0.197m^2$	$0.230m^{2}$	0.256m ²	$0.285m^2$	0.298m ²
1200W	0.091m ²	0.165m ²	0.244m ²	0.261m ²	0.329m ²	0.371m ²	0.392m ²

Product Data

Part Number	Power	Lumen Output	Lumen Output Narrow Beam	ССТ	CRI*
FO-K-800Dxx‡	800W	126,000lm	112,000lm	5000K	>Ra70
FO-K-1200Dxx‡	1200W	187,000lm	168,000lm	5000K	>Ra70
Visor & Glare Shield Options					

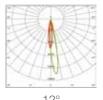
FO-VISOR/BC 75° Visor and adjustable Back Control Shield 50°, 65° and 75° (3 per 1200W and 2 per 800W)

FO-VISOR90 90° Slim Visor (3 per 1200W and 2 per 800W)

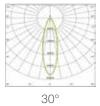
xx Beam Angle options as detailed below

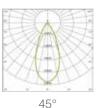
‡ 3-phase 415V add -HV to code

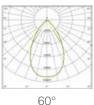
Photometry

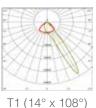


12° Narrow Beam

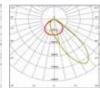








Narrow Beam



T2 (38° x 100°)



T4 (27° x 110°) Narrow Beam



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^{*} Ra80 and Ra90 options available as special order



[TITAN]

LED FLOODLIGHT









Description

The [TITAN] LED floodlight is the toughest and most powerful light in Teknik's range. Designed for outdoor applications requiring bright, energy saving and robust performance. The high output LED and PC lens provide outstanding uniformity and efficiency.



Key Features

- > Compact design
- Die cast aluminum housing with external fins, ensure greater heat dissipation
- > Excellent anticorrosion performance
- Adjustable U bracket wall mount standard for easy installation
- Durable PC optics resist yellowing

Heavy Duty Build

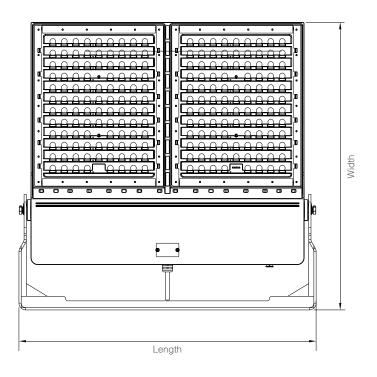
Industrial powder coating to ensure product durability through all environmental conditions.

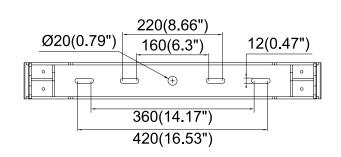


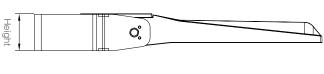
≥50,000 hours	
vder Coated Aluminium	
ustable Bracket	
38° X 148°	
92	
n70	

Operating Temperature	-30°C to +50°C
Input Voltage	100-240VAC ~ 50/60Hz
IP Rating	IP66
Connection	M20 Cable Gland
Weight	15.7 kg

Dimensional Drawing







Model	Length	Width	Height	Weight
	mm	mm	mm	kg
FT-450DT4	656	635	82	15.7

Product Data

Part Number	Power	Lumen Output	CCT
FT-450DT4	450W	67,500lm	5000K



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[PAVILION]

FLOODLIGHT





Description

The [Pavilion] is an excellent choice for new construction or retrofit application. The high output LED and glass lens provide outstanding uniformity and efficiency. Multiple asymmetric beam angle makes it flexible for different projects' requirements. It can replace existing HID/HPS/MW fixtures up to 1000W.

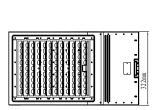


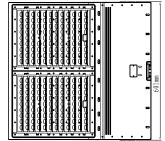


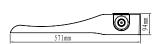
Rated Life	≥50,000 hours
Body	Powder Coated Aluminium
Installation	Bracket Mounting
Beam Angles	T2, T3, T4, T5, N3, N6
Power Factor	>0.90
CRI	>Ra70

Operating Temperature	-30°C to +50°C
Input Voltage	100 - 240 VAC / 100 - 277 VAC ~ 50/60Hz
IP Rating	IP66
IK Rating	IK10
Weight	7.8kg – 18kg

Dimensional Drawings







180W/240W/300W



450W/600W

Mounting Options





U BRACKET



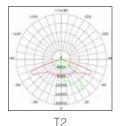
STRAIGHT ARM

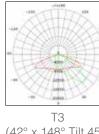


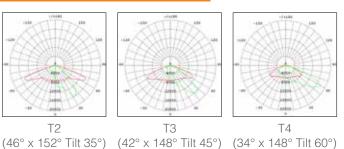
POLE MOUNT: POST TOP

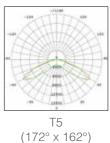
POLE MOUNT: SIDE ENTRY

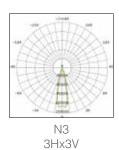
Photometry

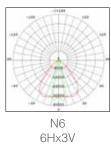












Product Data

Part Number	Power	Lumen Output	CCT	CRI*	Length	Width	Height	Weight
FP-180Dxx	180W	26,100lm	5000K	>Ra70	571mm	322mm	94mm	7.8kg
FP-240Dxx	240W	34,800lm	5000K	>Ra70	571mm	322mm	94mm	7.8kg
FP-300Dxx	300W	43,500lm	5000K	>Ra70	571mm	322mm	94mm	8.4kg
FP-450Dxx	450W	65,250lm	5000K	>Ra70	621mm	601mm	104mm	16.5kg
FP-600Dxx	600W	87,000lm	5000K	>Ra70	621mm	601mm	104mm	18kg

xx Beam Angle options as detailed above

^{*} Ra80 option available as special order



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[FLEXI]

LED SPOTLIGHT













Description

The [FLEXI] LED Spotlight provides superior security lighting for your home. The modular design of the [FLEXI] allows for the motion detection module to be added on at any time. The [FLEXI] also incorporates TEKNIK's quick connect installation system. Attach the base to the wall or eave and connect the wiring, select the desired colour temperature (3000K, 4000K or 5700K) and simply plug the head onto the base and secure with the provided screws.



Key Features

- > Quick Connect system for easy installation
- > Colour temperature selection 3000K, 4000K, 5700K)
- Adjustable on Time and Lux settings on sensor module and manual override function
- Fully tiltable and rotatable head for flexible installations

To allow optional sensor to be fitted at any time with easy modular plug and play installation.

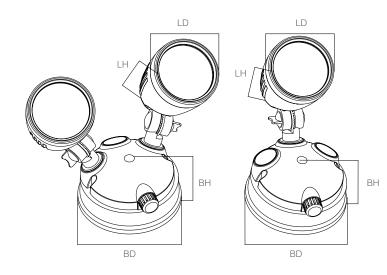




Rated Life	≥30,000 hours
Body	Cast Aluminium with Polycarbonate base
Installation	Wall/ceiling mount base
Beam Angle	120°
Power Factor	>0.55

Operating Temperature	-20°C to +40°C
Input Voltage	220-240 VAC ~ 50/60Hz
IP Rating	IP54
Connection	Quick-Connect terminal block
CRI	>80
Weight	0.7kg (12W), 1kg (24W)

Dimensional Drawing



Туре	Light Height LH	Light Diameter LD	Body Height BH	Body Diameter BD
Single	99	76	58	114
Twin	99	76	58	114

Unit = mm

Product Data

Part Number	Power	Lumen Output	CCT
FF-1-12S120-B	12W	1000lm	Tri-colour (3000K/4000K/5700K)
FF-2-24S120-B	24W	2000lm	Tri-colour (3000K/4000K/5700K)
FF-SENS-B	n/a	n/a	n/a











[NAVIGATOR]

LED STREETLIGHT









Description

The [NAVIGATOR] LED Streetlight was designed to withstand the harsh Australian climate while providing years of reliable service. Designed with a sleek, modern profile, the [NAVIGATOR] is available in a range of optics and wattages. A unique two-piece design allows this fitting to be completely separated into a light-weight mounting piece, and a main body for easy one-person installation.

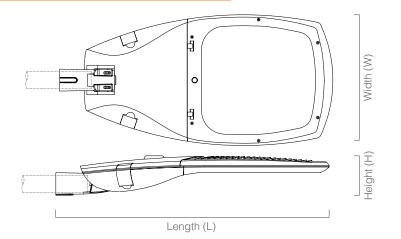


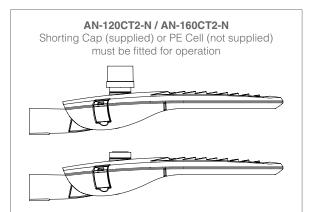


Rated Life	≥50,000 hours
Body	Die Cast Aluminium
Installation	Pole Mounted (60mm Spigot*)
Beam Angle	Type 2a
Power Factor	>0.95
CRI	>70

Operating Temperature	-40°C to +50°C
Input Voltage	90-305 VAC ~ 50/60Hz
IP Rating	IP66
IK Rating	IK09
Connection	Terminal block

Dimensional Drawing





Wattage	L	Н	W	Weight
40W/80W	565	110	330	7.4kg
120W/160W	665	118	381	9.5kg
240W	865	125	455	14.5kg

Product Data

Part Number	Power	Lumen Output	CCT
AN-40CT2*	40W	5600lm	4000K
AN-80CT2*	80W	12,100lm	4000K
AN-120CT2*†	120W	18,500lm	4000K
AN-160CT2*†	160W	27,700lm	4000K
AN-240CT2*	240W	37,000lm	4000K

^{* -}S for NEMA Sensor option, special order

^{† -}N for NEMA PE Cell Base option



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^{*} With removable Ø42-48mm reducer







[FlexTEK]

ADVANCED FLEXIBLE LIGHTING











Description

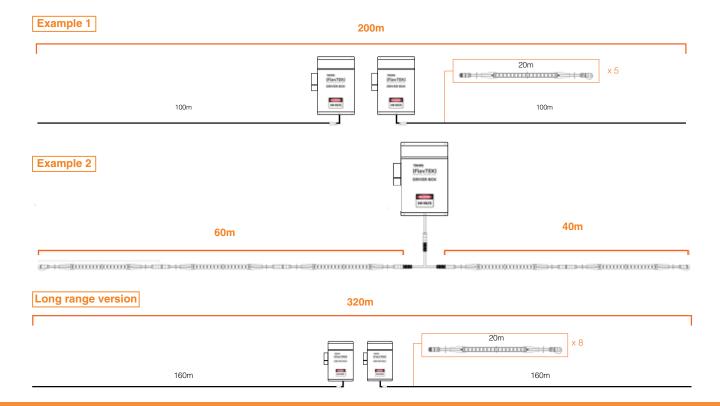
The [FlexTEK] is a new approach to industrial tunnel and area lighting. Its extended run lengths allow for significantly reduced installation costs. Durable, non-toxic and flexible silicone construction with up to 200m / 360m coverage.

The [FlexTEK] was developed to provide a Safe Extra Low Voltage (SELV) lighting solution for tunnels, conveyors and industrial lighting applications. The [FlexTEK] offers a combination of high efficiency LED chips and cutting edge power stabilisation providing its extended run length and market leading output.

The [FlexTEK] is designed for easy installation eliminating the need for 240V conventional lighting. This lowers overall lighting project costs and increases site safety.

Key Features

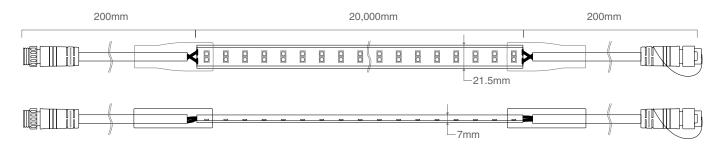
- Up to 320m powered from a single AC point
- Proprietary non-toxic silicone compound designed to be inherently flame retardant & anti-static.
- Modular 'plug and play' design for versatility and easy installation
- Patented surface coating to prevent dust accumulation
- Available in green indication colour with passive emergency glow after loss of power



Rated Life	≥50,000 hours	
Body	Silicone	
Installation	Surface mount	
Beam Angle	120°	
SDCM	<5	
Power	8W/m, 5W/m, 3W/m	

Operating Temperature	-10°C to +40°C
Input Voltage	MAX 48VDC
IP Rating	IP66
IK Rating	IK10
Net Weight	6.2kg

Dimensional Drawing



Product Data

Part Number	Power	Lumen Output	CCT*	CRI	Length	Max Coverage*
RF-20-8D-48	8W/m	800lm/m	5700K	>80	20m	200m
RF-20-5D-48	5W/m	500lm/m	5700K	>80	20m	320m
RF-20-3RG-48**	3W/m	Indication light	Red/Green	>80	20m	320m

^{*}From a single AC point

Driver Box Specifications



Input Voltage	90-264VAC ~ 50/60Hz
IP Rating	IP65
Material	316 Stainless Steel
Dimensions	665 x 400 x 170mm
Weight	19.5kg
Operating Temperature	-10°C to +40°C
Output Voltage	48 VDC*
Code	BF-664017-SS-48, BF-664017-SS-36

^{* 36}VDC version available by special order



Isolator Clipsal 56SW220



Clipsal 4RCBM220/30



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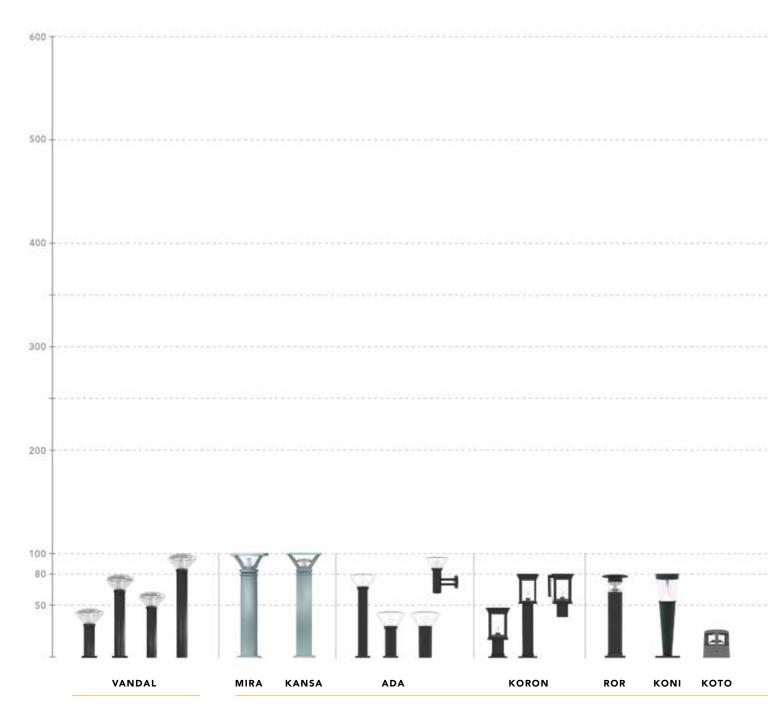
^{**}Special order only, contact Teknik Lighting Solutions Sales Representative for ordering information



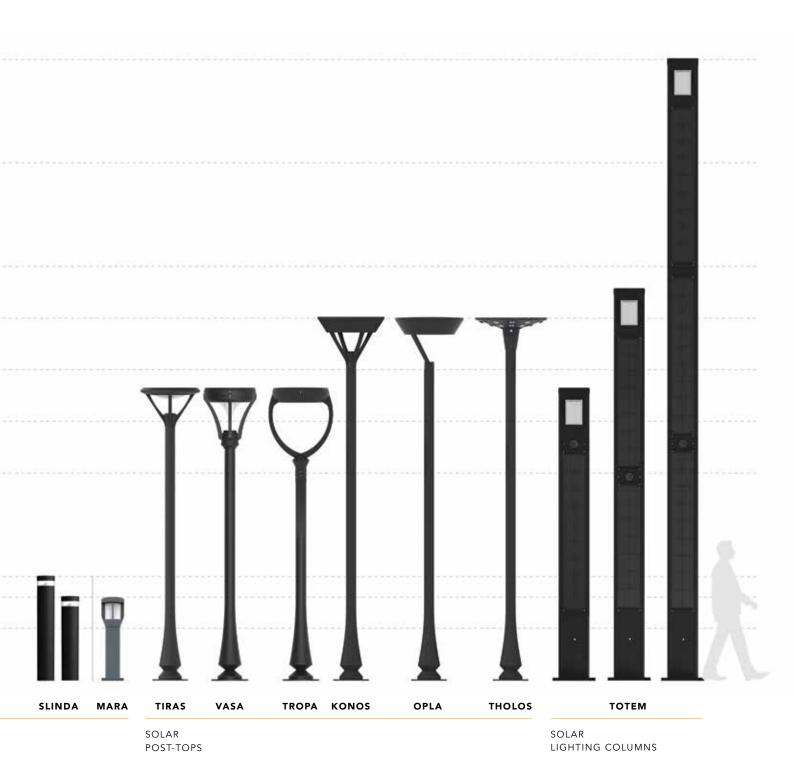


URBAN LIGHTING

A SOLUTION FOR EVERY PROJECT!

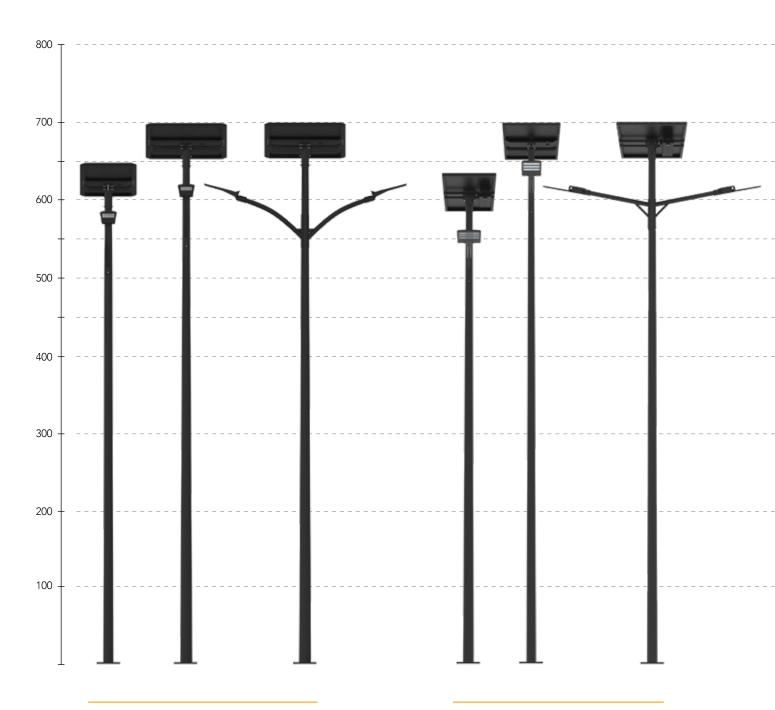


VANDAL RESISTANT SOLAR BOLLARDS SOLAR BOLLARDS SOLUX by TEKNIK's exclusive range brings you the finest urban solar lighting solutions. Sustainable and green, our line provides a wide range of exclusive self-sufficient lighting truly unmatched on the solar lighting market.



STREET & AREA LIGHTING

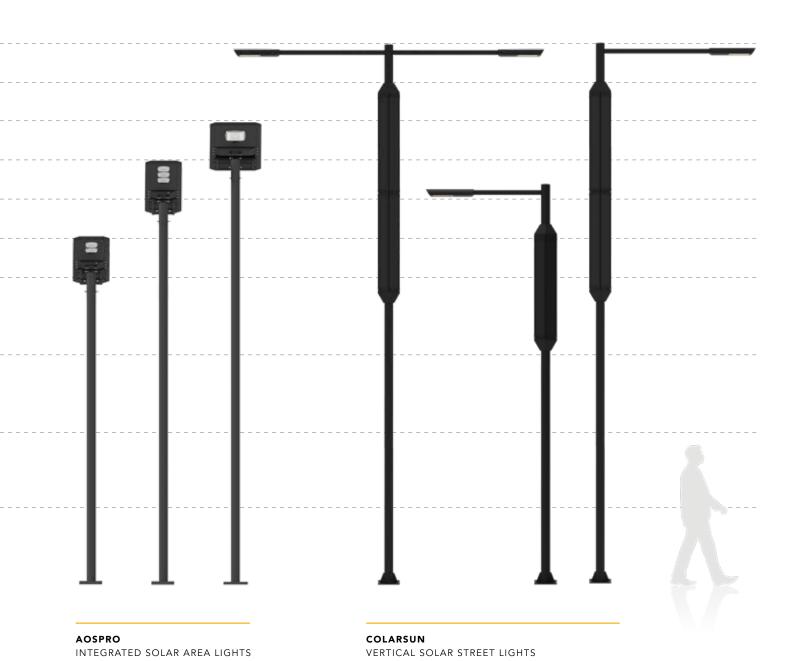
A SOLUTION FOR **EVERY PROJECT!**



SSLXPRO
PREMIUM SPLIT SOLAR STREET LIGHTS

SSLX PERFORMANCE
SPLIT SOLAR STREET LIGHTS

SOLUX by TEKNIK's Street & Area Lighting range brings you the highest performing solar street lighting solutions in the market. **Sustainable and green, easy to install and extremely reliable for your projects.**



PRODUCTS & REFERENCES

A SOLUTION FOR **EVERY PROJECT!**

URBAN LIGHTING

Vandal Resistant	Solar Bollards	Product Code
VANDAL B80	80 cm with base - 3W - LIFEPO4 38Wh - PV 6.3Wp	SVDLB-80[ABCDE]*
VANDAL E100	100 cm direct buried - 3W - LIFEPO4 38Wh - PV 6.3Wp	SVDLE-100[ABCDE]*
VANDAL B45	45 cm with base - 3W - LIFEPO4 38Wh - PV 6.3Wp	SVDLB-45[ABCDE]*
VANDAL E65	65 cm direct buried - 3W - LIFEPO4 38Wh - PV 6.3Wp	SVDLE-65[ABCDE]*
Solar Bollards		Product Code
KANSA	100 cm - 4W - LIFEPO4 38Wh - PV 10Wp	SSL-005[ABCDE]*
MIRA	100 cm - 4W - LIFEPO4 38Wh - PV 10Wp	SSL-006[ABCDE]*
ADA B80	80 cm - 3.5W - LIFEPO4 28Wh - PV 6Wp	SSL-02180[ABCDE]*
ADA B45	45 cm - 3.5W - LIFEPO4 28Wh - PV 6Wp	SSL-02145[ABCDE]*
ADA M45	Wall mounted - 3.5W - LIFEPO4 28Wh - PV 6Wp	SBW-021[ABCDE]*
ADA E45	45 cm - 3.5W - LIFEPO4 28Wh - PV 6Wp	SSL-021NB[ABCDE]*
KORON 80	80 cm - 3.5W - LIFEPO4 28Wh - PV 6Wp	SSL-01380[ABCDE]*
KORON 45	45 cm - 3.5W - LIFEPO4 28Wh - PV 6Wp	SSL-01345[ABCDE]*
KORON M45	Wall mounted - 3.5W - LIFEPO4 28Wh - PV 6Wp	SBW-013[ABCDE]*
KONI	80 cm - 1.8W - LIFEPO4 28Wh - PV 4.5Wp	SSL-018[ABCDE]*
SLINDA 80	80 cm - 1.8W - LIFEPO4 28Wh - PV 4.5Wp	SSL-01580[ABCDE]*
SLINDA 100	100 cm - 1.8W - LIFEPO4 28Wh - PV 4.5Wp	SSL-015100[ABCDE]*
MARA	80 cm - 3.5W - LIFEPO4 28Wh - PV 6Wp	SSL-019[ABCDE]*
ROR 80	80 cm - 1.8W - LIFEPO4 28Wh - PV 4.5Wp	SSL-00280[ABCDE]*
ROR 110	110 cm - 1.8W - LIFEPO4 28Wh - PV 4.5Wp	SSL-002110[ABCDE]*
кото	25 cm - 1.8W - LIFEPO4 28Wh - PV 4.5Wp	SSL-014[ABCDE]*
Solar Post-Tops		Product Code
TIRAS	14W - LIFEPO4 256Wh - PV 33Wp	SPL-009[ABCDE]*
VASA	14W - LIFEPO4 256Wh - PV 33Wp	SPL-007[ABCDE]*
TROPA	14W - LIFEPO4 256Wh - PV 33Wp	SPL-006[ABCDE]*
KONOS	20W - LIFEPO4 320Wh - PV 45Wp	SPL-008[ABCDE]*
OPLA	20W - LIFEPO4 320Wh - PV 45Wp	SPL-010[ABCDE]*
THOLOS	20W - LIFEPO4 320Wh - PV 45Wp	SPL-005[ABCDE]*
Lighting Column	S	Product Code
TOTEM 20	2.7 m - 20W - LIFEPO4 346Wh - PV SHINGLED PERC 115Wp	STT-20[ABCDE]*
TOTEM 40	3.7 m - 40W - LIFEPO4 730Wh - PV SHINGLED PERC 195Wp	STT-40[ABCDE]*
ТОТЕМ 60	6 m - 60W - LIFEPO4 1062Wh - PV SHINGLED PERC 330Wp	STT-60[ABCDE]*

STREET & AREA LIGHTING

Integrated Solar Area Li	ghts	Product Code
AOSPRO 20	20W - LIFEPO4 230Wh - PV 60Wp	SAP-20[ABCDE]*
AOSPRO 30	30W - LIFEPO4 269Wh - PV 60Wp	SAP-30[ABCDE]*
AOSPRO 60	60W - LIFEPO4 538Wh - PV 105Wp	SAP-60[ABCDE]*
AOSPRO 80	80W - LIFEPO4 655Wh - PV 105Wp	SAP-80[ABCDE]*
AOSPRO 100	100W - LIFEPO4 794Wh - PV 140Wp	SAP-100[ABCDE]*
AOSPRO 120	120W - LIFEPO4 922Wh - PV 140Wp	SAP-120[ABCDE]*
Premium Solar Street Lig	ghts	Product Code
SSLXPRO 30	30W - LIFEPO4 460Wh - PV 125Wp	SSP-30[ABCDE]*
SSLXPRO 40	40W - LIFEPO4 627Wh - PV 135Wp	SSP-40[ABCDE]*
SSLXPRO 60	60W - LIFEPO4 921 Wh - PV 195Wp	SSP-60[ABCDE]*
SSLXPRO 80	80W - LIFEPO4 1152 Wh - PV 210Wp	SSP-80[ABCDE]*
SSLXPRO 100	100W - LIFEPO4 1498 Wh - PV 285Wp	SSP-100[ABCDE]*
SSLXPRO 120	100W - LIFEPO4 1843 Wh - PV 285Wp	SSP-120[ABCDE]*
SSLXPRO DUAL 50	2x50W - LIFEPO4 1498 Wh - PV 285Wp	SSP-D50[ABCDE]*
Solar Street Lights		Product Code
SSLX PERFORMANCE 40	40W - LIFEPO4 627Wh - PV 135Wp	SSX-40[ABCDE]*
SSLX PERFORMANCE 60	60W - LIFEPO4 922Wh - PV 195Wp	SSX-60[ABCDE]*
SSLX PERFORMANCE 80	80W - LIFEPO4 1152Wh - PV 195Wp	SSX-80[ABCDE]*
SSLX PERFORMANCE 100	100W - LIFEPO4 1280Wh - PV 250Wp	SSX-100[ABCDE]*
SSLX PERFORMANCE 120	120W - LIFEPO4 1536Wh - PV 250Wp	SSX-120[ABCDE]*
SSLX PERFORMANCE DUAL 50	2x50W - LIFEPO4 1280Wh - PV 250Wp	SSX-D50[ABCDE]*
Vertical Solar Street Ligi	nte	Product Code
9		Product Code
COLARSUN 30	40W - LIFEPO4 553Wh - SHINGLED PERC	SCS-30[ABCDE]*
COLARSUN 60	60W - LIFEPO4 1105Wh - SHINGLED PERC	SCS-60[ABCDE]*
COLARSUN 90	80W - LIFEPO4 1659Wh - SHINGLED PERC	SCS-90[ABCDE]*
COLARSUN DUAL 30	100W - LIFEPO4 1105Wh - SHINGLED PERC	SCS-2X30[ABCDE]*
COLARSUN DUAL 45	120W - LIFEPO4 1659Wh - SHINGLED PERC	SCS-2X45[ABCDE]*

Specifications listed in this catalogue may be modified without notice due to the constant development and improvements in available technology.

A = Colour Temperature B = Optics

C = Comms D = Power E = Body Colour

 $[\]mbox{\ensuremath{^{\star}}}$ Product Codes used for ordering will be customised as follows:







TECHNICAL INFORMATION

The following symbols are used throughout the datasheets to depict specific technical characteristics of the luminaire and give guidance on how it may be utilised:



The RCM mark shows compliance with ACMA regulations.



SAA is an accredited third party certification body which provides independeant Certificates of Approval for electrical equipment certifying that it complies with the relevant Australian Standards.



IP rating indicates the degree of protection offered against the ingress of dust and liquids.



IC rating is a measure used to determine the minimum distances of a recessed product from insulation and other combustible building materials.



IK rating indicates the degree of protection against mechanical impact.



This signifies that the product complies with relevant Australian Emergency Lighting standards.



Indicates that a product is able to be utilised with dimming systems.



Degree of angle adjustability.



Approved for use in the NSW Energy Savings Scheme.



Approved for use in the Victorian Energy Upgrades program.



Approved for the NSW Home Energy Efficiency Retrofits program.

CORRELATED COLOUR TEMPERATURE (CCT)

The correlated colour temperature (CCT) is a specification of the colour appearance of the light emitted by a lamp, relating its colour to the colour of light from a reference source when heated to a particular temperature, measured in degrees Kelvin (K). The CCT rating for a lamp is a general "warmth" or "coolness" measure of its appearance. However, opposite to the temperature scale, lamps with a CCT rating below 3200 K are usually considered "warm" sources, while those with a CCT above 4000K are usually considered "cool" in appearance.

The correlated colour temperature (CCT) designation for a light source gives a good indication of the lamp's general appearance, but does not give information on its specific spectral power distribution. Therefore, two lamps may appear to be the same colour, but their effects on object colors can be quite different, which could be further explained in colour rendering index (CRI).

Reference: Lighting Research Centre (USA)

3000K Warm White 4000K Cool White 5000K Daylight 5500K Daylight

COLOUR RENDERING INDEX (CRI)

A simple definition of Colour Rendering Index (CRI) would measure the ability of a light source to accurately render all frequencies of its colour spectrum when compared to a perfect reference light of a similar type (colour temperature).

It is rated on a scale from 1-100.

The lower the CRI rating, the less accurately colors will be reproduced.

Sources with lower CRI ratings may also have too much green or magenta in their spectrums.

An acceptable Colour Rendering Index level for professional imaging is considered to be 80/90 or above.

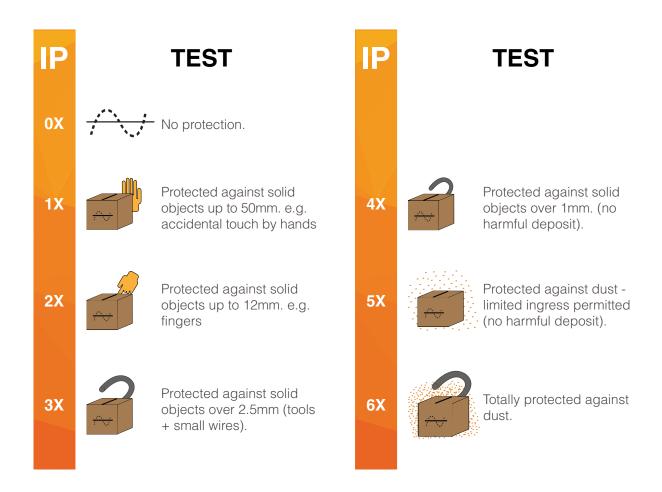
It is always important to consider CRI when selecting appropriate products and creating a complete lighting solution.



IP RATINGS (INGRESS PROTECTION)

FIRST NUMBER

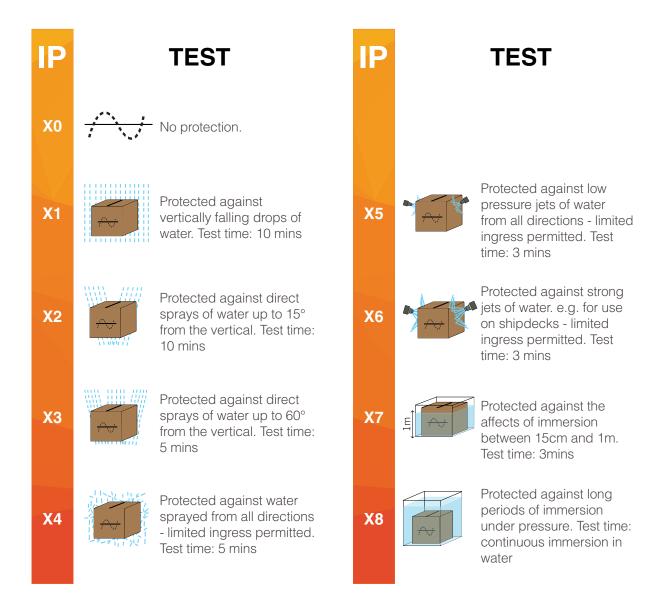
Protection against solid objects.



IP RATINGS (INGRESS PROTECTION)

SECOND NUMBER

Protection against liquids.



PRODUCT replacement guide

Existing	TEKNIK LED Replacement
2 x 36W DIFFUSED BATTEN	SLIM LED BATTEN BK-4-40S120 SLIM LED BATTEN SCentre and offset cable entry Modern low-profile design
	ICORSAIR] Name PRODUCT WARRANTY DIFFUSED LED BATTEN > Easy installation BC-4-30S120 > Side or rear cable entry > Tri-colour and wattage selectable
2 x 36W WEATHERPROOF BATTEN	PRODUCT WARRANTY WEATHERPROOF LED BATTEN > 3 year professional warranty > High efficiency up to 100lm/W > Durable polycarbonate body and diffuser with stainless steel clips PRODUCT WARRANTY 3 ♥ PRODUCT WARRANTY
	WEATHERPROOF LED BATTEN BV-4-36S120 WARRANTY > Durable body and diffuser > Quick and easy installation > Tri-colour and wattage selectable > Optional vandal resistant installation
2 x 36W TROFFER	TRI-COLOUR LED PANEL PE-12X3-30S120 PRODUCT WARRANTY > Highly efficient design > Tri-colour > Plicker Free > Powder coated aluminium frame > Flex and plug for easy installation
	PRODUCT WARRANTY Service life of ≥50,000 hours > Individual PMMA LED lenses > Tri-colour and wattage selectable > Low UGR of <19 > Tier 1 components
250W MH/MV Floodlight	SENTRY] LED FLOODLIGHT FS-100DT2 FS-100DT2 FS-100DT2 FS-100DT2 FS-100DT2
400W MH/MV Floodlight	> Wattage Selectable (200W Only) > Asymmetric beam angle > Slim design for easy installation > Highly efficient achieving 135lm/W > Suitable for a wide range of applications
400W+ MH/MV Floodlight	[SENTRY] LED FLOODLIGHT FS-200DT2-W



TEKNIK LIGHTING SOLUTIONS

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