PIOLED LIGHTING
SINCE 2008

PRODUCT CATALOGUE

2023

LE(a)Ders
in the...

LED
LIGHTING
industry

For every individual in search of lighting, we have a product. Whether you're meeting a budget or conforming to highly specific applications, you can trust that we have a suitable luminaire. PioLED lighting is specifically designed to suit conditions found in the South African market, providing brighter solutions for a power-efficient tomorrow. Our aim is to become the most trusted LED lighting supplier in South Africa, through outstanding service and impeccable quality.

Since PioLED's inception in 2008, we have strived to remain ahead of the curve when it comes to LED trends, constantly evolving and advancing to maintain our reputation as Pioneers in the South African LED industry.

Our head office is located in South Africa's largest port of Durban, and makes reliable and efficient deliveries to respective businesses across the country. We pride ourselves on making these deliveries in excellent time – typically within one to two working days. Our friendly staff in Durban, Johannesburg, Cape Town and the Eastern Cape are there to assist you in any way possible, should you require further technical information.

DELIVERY AVAILABLE **HIGH QUALITY** **BUDGET FRIENDLY** **FAST SERVICE** **WHATSAPP UPDATES** **TECHNICAL SUPPORT** **ON SITE CONSULTATION** **IES FILES**

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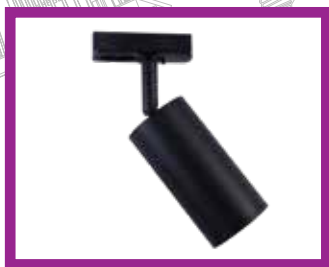

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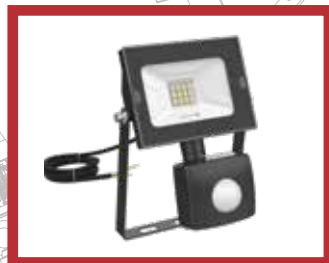

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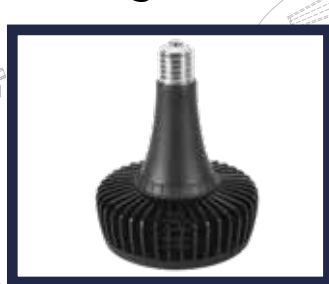
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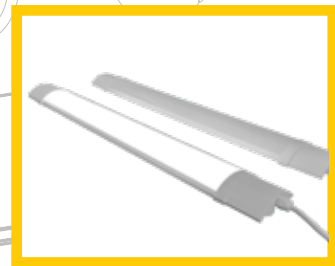**86** Heavy Duty E40 Highbay Lamp

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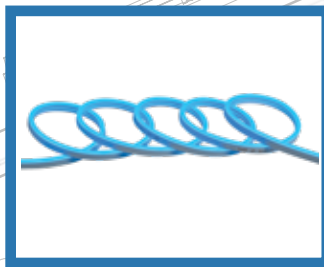
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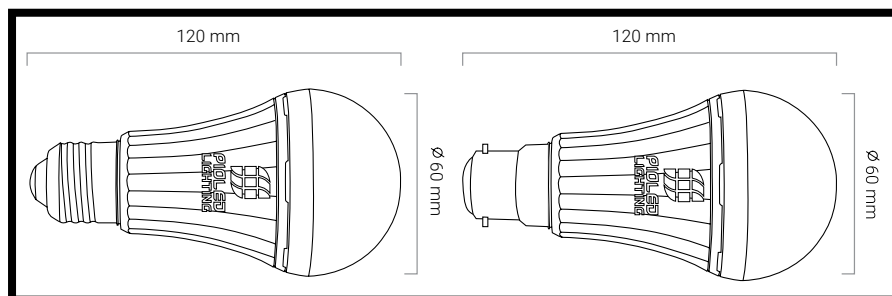**122** LED 230V 20cm Cut Rope Lights

125 DC12V/24V LED Drivers

BEACON 6W RECHARGEABLE LED LAMP

6W

100 LUMEN PER WATT

1.5 kv SURGE PROTECTION

3CCT THREE COLOUR IN ONE

PF >0.9

2 YEAR WARRANTY

Certificates: MSNS, UN38.3, CE-LVD, CB & RoHS

3 Hours Battery Life

120 mm

120 mm

Ø 60 mm

Ø 60 mm

AVAILABLE BASES

ES (E27)

BC (B22)

FEATURES

- Lithium battery which will last for **> 4hrs on Battery Mode** once fully charged.

- 6W LED Lamp which will change to **3W on Battery Mode** is activated allowing you to continue daily activities when the power is off.

- **PC housing** with internal aluminium allowing for efficient heat dissipation.

- High Brightness 2835 Sanan LED Chips producing 600lm.

- 3CCT LED Lamp available in **E27 & BC bases** for maximum versatility.

- **210° beam angle** for maximum light distribution.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
B034	6W Rechargeable LED BEACON A60 Bulb 3CCT ES	600	>83	210°	180V- 265V	PC & Internal Alu	-10~50°C	2835 Sanan
B035	6W Rechargeable LED BEACON A60 Bulb 3CCT BC							

A60
9.5W LED LAMP

9.5W

0.5 kv SURGE PROTECTION

6000K CW
4000K NW
3000K WW

1 YEAR WARRANTY
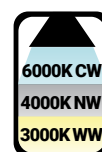
Certificates: CE, EMC

## AVAILABLE BASES

ES (E27)   BC (B22)

Ø 60 mm

108 mm

FEATURES

- Heat conductive polycarbonate housing with internal aluminium providing as a **durable heat sink** increasing the lifespan of the LEDs.

- **Frosted Style** LED lamp reducing the amount of glare whilst still providing excellent light output

- 2835 SMD LED Chips allowing for a uniform light output with a **210° beam angle.**

- Maintenance free, environmentally friendly alternative to incandescent lamps which contain no mercury, lead or other harmful substances.

- High **CRI >80 LED** Lamp allowing for true colour rendering.

- Wide input voltage range from **170V-265V** with a built in 0.5kV surge protection.

- The ideal domestic lamp when making the LED conversion.
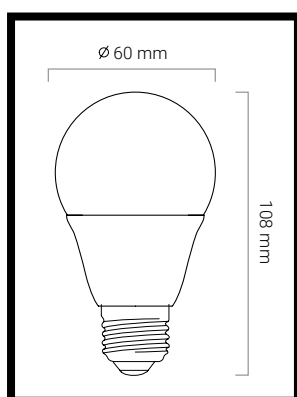
CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
B016	A60 9.5W LED Lamp 6000K ES							
B017	A60 9.5W LED Lamp 3000K ES							
B018	A60 9.5W LED Lamp 4000K ES	720	>83	210°	170V- 270V	PC & Internal Alu	-10~40°C	2835 Sanan
B019	A60 9.5W LED Lamp 6000K BC							
B020	A60 9.5W LED Lamp 3000K BC							

A55 6W FILAMENT LED LAMP

6W

115 LUMEN PER WATT

1 kv SURGE PROTECTION

3000K (WW)
6000K (CW)

DIM

CLEAR

FROST

2 YEAR WARRANTY

Certificates: CE, EMC,RoHS,ISO9001

AVAILABLE BASES

ES (E27)   BC (B22)

A55 Filament 6W Lamp available in *clear* or *frosted*

FEATURES

- **Glass housing** providing excellent thermal management allowing for an increased lifespan of the lamp.

- **Filament style LED Chips** providing a full 360° beam angle providing an even, uniform light distribution without any dark spots.

- Available in both dimmable and non-dimmable variations.

- Available in either **clear or frosted** variations, the latter helping in the reduction of UGR.

- High performance LED Lamp giving you a bright, yet **comfortable ambience.**

- The filament style lamp has the ability to create a **soft, cosy atmosphere** whilst still providing ample illumination.

- The direct replacement to incandescent lamps with an effective lumen output of up to **115lm/W.**

- Durable LED Lamp with a built in 1kV surge protector.

- Instant 100% light output with no warm-up time.
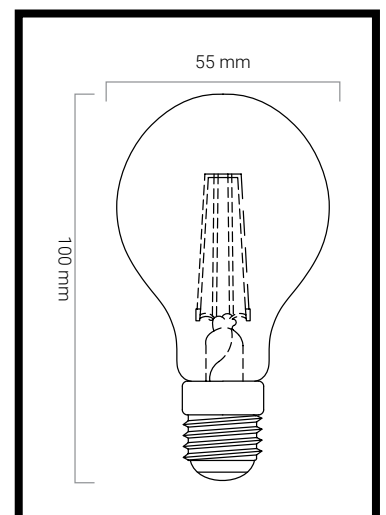
55 mm

100 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
B021	A55 6W LED Filament Clear Lamp 6000K ES					Clear		
B021F	A55 6W LED Filament Frosted Lamp 6000K ES					Frosted		
B022	A55 6W LED Filament Clear Lamp 3000K ES					Clear		
B022F	A55 6W LED Filament Frosted Lamp 3000K ES					Frosted		
B023	A55 6W LED Filament Clear Lamp 6000K BC	700	>83	360°	220V- 240V	Clear	-20~40°C	Filament
B024	A55 6W LED Filament Clear Lamp 3000K BC					Clear		
BD021F	A55 6W LED Filament Frosted Lamp 6000K ES Dim					Frosted		
BD022F	A55 6W LED Filament Frosted Lamp 3000K ES Dim					Frosted		
BD022	A55 6W LED Filament Clear Lamp 3000K ES Dim					Clear		

G95 LED
FILAMENT CLEAR LAMP

6W

1 kv SURGE PROTECTION

3000K (WW)
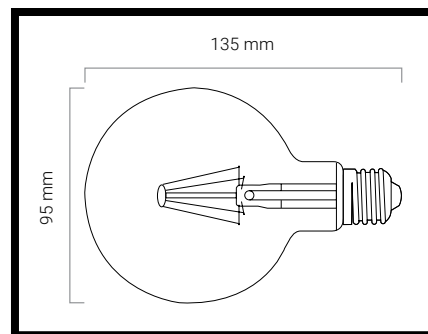4000K (NW)

DIM

CLEAR

2 YEAR WARRANTY

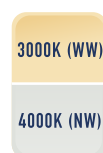*Certificates: CE, EMC*

AVAILABLE BASE

ES (E27)

FEATURES

- **Full Glass housing**, designed to quickly dissipate heat increasing the lifespan of the LED Lamp.

- **Vintage Styled LED Filament** lamp with a **360° beam angle,** giving off maximum coverage and uniformity.

- Highly efficient filament LED Chips delivering an **effective 100lm/W** maximizing energy efficiency.

- Available in 3000K or 4000K and in **dimmable** allowing you to set the perfect atmosphere at any given time.

- The direct replacement to incandescent lamps whilst providing an environmentally friendly alternative containing no mercury, lead or other harmful substances.

135 mm

95 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
BD001	G95 6W LED Filament Clear Lamp 3000K Dim	600	>80	360°	220V- 240V	Glass	-20~40°C	Filament 38
BD002	G95 6W LED Filament Clear Lamp 4000K Dim							

PEAR LED
FILAMENT CLEAR LAMP

6W

0.8 kV SURGE PROTECTION

3000K (WW)
4000K (NW)

DIM

CLEAR

2 YEAR WARRANTY

Certificates: CE, EMC

AVAILABLE BASE

ES (E27)

142 mm

64 mm

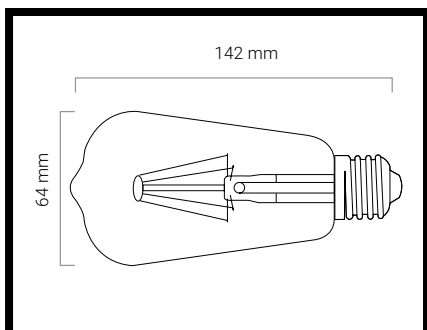## FEATURES

- **Full Glass housing**, designed to quickly dissipate heat increasing the lifespan of the LED Lamp.

- **Vintage Styled LED Filament** lamp with a **360° beam angle,** giving off maximum coverage and uniformity.

- Highly efficient filament LED Chips delivering an **effective 100lm/W** maximizing energy efficiency.

- Available in 3000K or 4000K and in **dimmable** allowing you to set the perfect atmosphere at any given time.

- The direct replacement to incandescent lamps whilst providing an environmentally friendly alternative containing no mercury, lead or other harmful substances.

| CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
BD005	Pear 6W LED Filament Clear Lamp 3000K Dim	600	>80	360°	220V- 240V	Glass	-20~45°C	Filament 52
BD006	Pear 6W LED Filament Clear Lamp 4000K Dim							

4W LED
FILAMENT CANDLE

4W | **110** LUMEN PER WATT | **1** kV SURGE PROTECTION | 6000K CW / 4000K NW / 3000K WW | **DIM** | **CLEAR** | **FROST** | **2** YEAR WARRANTY

Certificates: CE, EMC, RoHS, ISO9001

AVAILABLE BASES

SES (E14)   ES (E27)   BC (B22)

4W LED filament candle available in *clear* or *frosted*

35 mm

100 mm
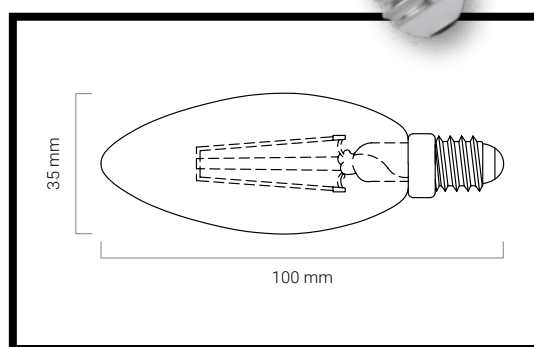
FEATURES

- Full Glass body thermally tested to ensure adequate **heat dissipation** from the lamp extending the overall lifespan of the LEDs.
- **Filament style LED array**, providing for a more traditional ambience – ideal for adding character to a room.
- **Available in a frosted** variant reducing the amount of glare whilst still providing excellent light output.

- Available in all common bases, namely E27, E14 and BC allowing for a quick and easy installation/retrofit.
- **360° beam** angle providing a **uniform,** even light distribution.
- Available in a **dimmable option** allowing you to create the perfect atmosphere at any time.
- Highly efficient LED filament with up to **440 effective lumens**.

- Serves as a direct **replacement to halogen/incandescent** lamps containing no mercury, lead or other harmful substances.
- Built in **1kV surge protection** with a wide voltage range of **220-240V** increasing the durability of the lamp.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP
CF001	Filament 4W LED Clear Candle SES-6000K					Clear Glass	
CF002	Filament 4W LED Clear Candle SES-3000K					Clear Glass	
CF003	Filament 4W LED Clear Candle ES-6000K					Clear Glass	
CF004	Filament 4W LED Clear Candle ES-3000K					Clear Glass	
CF005	Filament 4W LED Clear Candle BC-6000K					Clear Glass	
CF006	Filament 4W LED Clear Candle BC-3000K					Clear Glass	
CFD01	Filament 4W LED Clear Candle SES-6000K Dim					Clear Glass	
CFD02	Filament 4W LED Clear Candle SES-3000K Dim					Clear Glass	
CFF001	Filament 4W LED Frost Candle SES-6000K					Frost Glass	
CFF002	Filament 4W LED Frost Candle SES-3000K					Frost Glass	
CFF007	Filament 4W LED Frost Candle SES-4000K					Frost Glass	
CFF003	Filament 4W LED Frost Candle ES-6000K					Frost Glass	
CFF004	Filament 4W LED Frost Candle ES-3000K	440lm	> 80	360°	220-240V	Frost Glass	-20~40°C
CFF005	Filament 4W LED Frost Candle BC-6000K					Frost Glass	
CFF006	Filament 4W LED Frost Candle BC-3000K					Frost Glass	
CFF009	Filament 4W LED Frost Candle BC-4000K					Frost Glass	
CFDF01	Filament 4W LED Frost Candle SES-6000K Dim					Frost Glass	
CFDF02	Filament 4W LED Frost Candle SES-3000K Dim					Frost Glass	
CFDF07	Filament 4W LED Frost Candle SES-4000K Dim					Frost Glass	
CFDF03	Filament 4W LED Frost Candle ES-6000K Dim					Frost Glass	
CFDF04	Filament 4W LED Frost Candle ES-3000K Dim					Frost Glass	
CFDF05	Filament 4W LED Frost Candle BC-6000K Dim					Frost Glass	
CFDF06	Filament 4W LED Frost Candle BC-3000K Dim					Frost Glass	
CFDF09	Filament 4W LED Frost Candle BC-4000K Dim					Frost Glass	
CFDF08	Filament 4W LED Frost Candle ES-4000K Dim					Frost Glass	

QURi SMART LIGHTING

RGB + 3CCT

QuRi
SMART LIGHTING

| compatible with **Alexa** | compatible with **Google Assistant** | GET IT ON Google Play | Download on the App Store |

| tuya | Smart Life | **Remote control** |

FEATURES

- Smart LED Range, controllable either via remote, **Google Home, Alexa, Tuya** or through the **Smart Life App.**

- Controllable **individually** or can be **grouped** together to allow for quick and efficient syncing.

- Dimmable product with over **16 Million colours** to choose from.

- In App, selectable **lighting scenes**, **music mode** or **preselected timing function**.

- Connects via WiFi to allow lamps to be controlled, as long as an internet connection is provided.

▶ YouTube
Enjoy a world full of colour with our QuRi Demonstration videos.
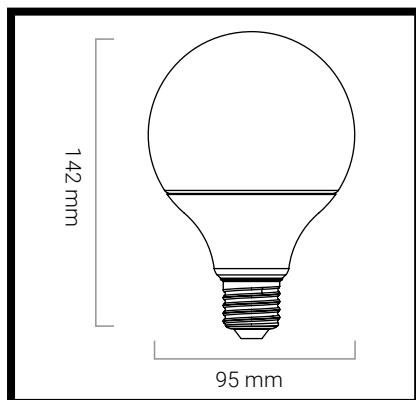
PART 1

PART 2

- ✓ Dimmable (0-100%)
- ✓ RGB and CCTs (16 million colour options)
- ✓ Controllable via Remote
- ✓ Controllable via the Smart Life/Tuya App
- ✓ Hands-free control with Alexa and Google Home
- ✓ Customisable Scenes
- ✓ Set a Timer or Schedule via the App
- ✓ Music mode
- ✓ Group to Control QuRi range
- ✓ Supports 2.4GHz Wi-Fi Networks
- ✓ Live in colour!

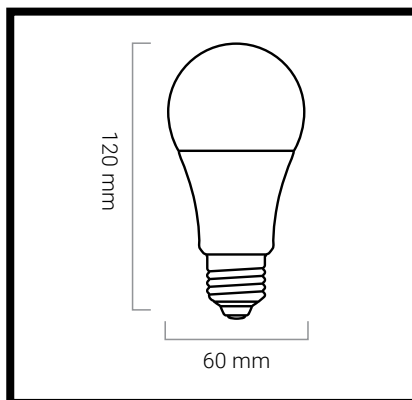## QuRi G95 11W LED Smart WiFi E27 Lamp + Remote

RGB + 3CCT

11W | **SURGE PROTECTION 1kv** | **DIM** | **2 YEAR WARRANTY**

Certificates: CE, EMC, RoHS, ISO9001

142 mm
95 mm

QuRi A60 10W LED Smart WiFi E27 Lamp + Remote

RGB + 3CCT

10W | **100 LUMEN PER WATT** | **SURGE PROTECTION 1kv** | **DIM** | **2 YEAR WARRANTY**

Certificates: CE, EMC, RoHS, ISO9001

120 mm
60 mm

QuRi 24W Smart Round WiFi Ceiling Light + Remote
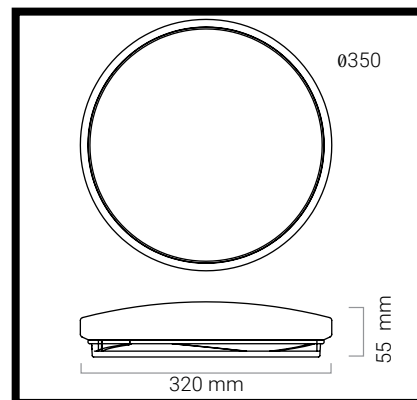
RGB + 3CCT

24W | **100 LUMEN PER WATT** | **SURGE PROTECTION 1kv** | **DIM** | **2 YEAR WARRANTY**

Certificates: CE, EMC, RoHS, ISO9001

Ø350
55 mm
320 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
B025	A60 E27 10W QuRi LED Smart WiFi Lamp + Remote	850		210°	220V- 240V	PC & Alu		
iC006	24W QuRi LED Smart Round WiFi Ceiling Light + Remote	1 680	>80	120°	180V- 265V	Alu PCB + Metal & PC	-20~40°C	2835 Sanan
B026	G95 E27 11W QuRi LED Smart WiFi Lamp + Remote	1 100		210°	220V- 240V	PC & Alu		

G4 12V CAPSULE LED LAMP

1.5W

6000K CW
4000K NW
3000K WW

BLUE

1 YEAR WARRANTY

Certificates: CE, EMC

10 mm

9 mm

25 mm
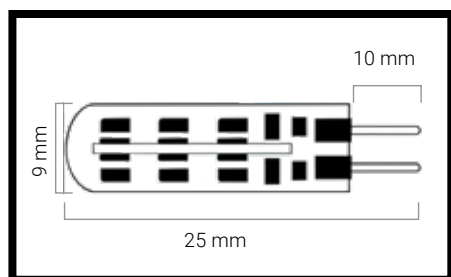
FEATURES

- 3014 SMD LED Chips delivering an effective **100 lumens.**
- **DC12V LED** Lamp designed for MR16 lampholders.
- Best performance when coupled with our 12V DC CV LED Drivers.

- Resin based housing with a 320° wide beam distribution.
- Instant on LED lamp with no warm up time.
- Reduce your electrical consumption by up to 90% in comparison to Halogen alternatives.

- No Mercury, Lead or other harmful substances.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
G001	G4 1.5W LED Bi-Pin Lamp 12V 6000K							
G002	G4 1.5W LED Bi-Pin Lamp 12V 3000K	100	>83	320°	12V	Resin	-10~40°C	3014 SMD
G003	G4 1.5W LED Bi-Pin Lamp 12V 4000K							
G008	G4 1.5W LED Bi-Pin Lamp 12V Blue							

G9 220V
LED LAMP

16 mm
49.2 mm

3W

6000K CW
4000K NW
3000K WW

1 YEAR WARRANTY
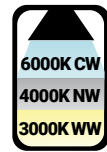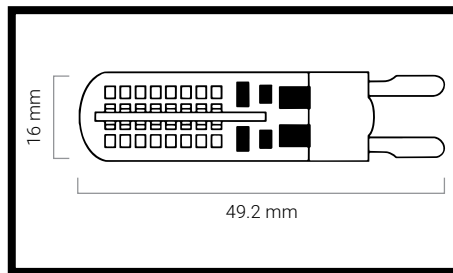
Certificates: RoHS, ISO9001

FEATURES

- Resin based housing designed to fit into fixtures that carry a G9 lampholder base.
- **Direct 220V** requiring no need for an LED driver.
- Powerful 3014 SMD LED Chips providing an effective 200 lumens.
- Available in Warm White, Neutral White and Cool White helping to create the perfect atmosphere.
- Wide **320° beam angle** preventing dark spots whilst allowing for maximum coverage.
- **Instant on LED** with no warm up time.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
G005	G9 3W LED Lamp 6000K	200						
G006	G9 3W LED Lamp 3000K	200	>83	320°	200-240V	Resin	-10~40°C	3014 SMD
G007	G9 3W LED Lamp 4000K	200						

4.5W LED
GU10/MR16
DOWNLIGHTER

4.5W

85 LUMEN PER WATT

1 kv SURGE PROTECTION

6000K CW / 4000K NW / 3000K WW

DIM

2 YEAR WARRANTY

Certificates: CE, EMC, RoHS, ISO90001
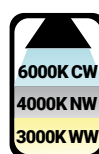
MR16

Ø 50 mm

58 mm

Ø 50 mm

58 mm

FEATURES

- Thermally tested pure aluminium housing designed to **dissipate heat** away from the LEDs a lot quicker than PC housing

- Available in a dimmable option helping to create the **perfect atmosphere** for your setting.

- **Premium LED lamp** with a rated life of up to 30 000hrs.

- Frosted styled diffuser with a **wide 120° beam angle** allowing for maximum coverage.

- **High CRI>80** rendering true colours – Extremely good for Kitchens.

- The ideal lamp for **demanding applications** and for those who want hassle free illumination.
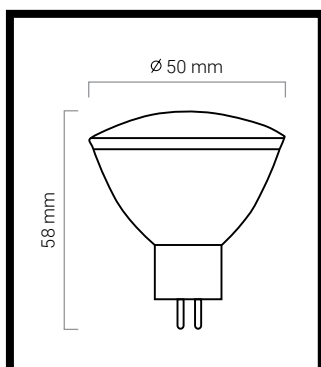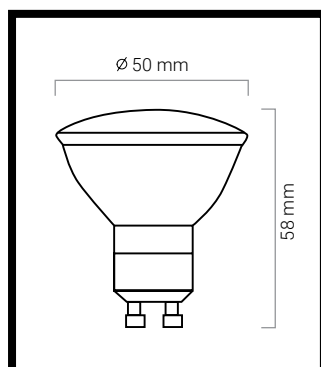
CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
D020	4.5W LED Durable GU10 6000K				85V-265V			
D021	4.5W LED Durable GU10 3000K				85V-265V			
D022	4.5W LED Durable GU10 4000K				85V-265V			
D023	4.5W LED Durable GU10 6000K 12V				12V			
D024	4.5W LED Durable GU10 3000K 12V	400	>83	120°	12V	Pure Alu	-10~40°C	2835 Sanan
D025	4.5W LED Durable GU10 4000K 12V				12V			
DD012	4.5W LED Durable GU10 6000K Dim				85V-265V			
DD013	4.5W LED Durable GU10 3000K Dim				85V-265V			
DD014	4.5W LED Durable GU10 4000K Dim				85V-265V			

5.5W LED GU10 DOWNLIGHTER

5.5W

100 LUMEN PER WATT

1 kV SURGE PROTECTION

6000K CW
4000K NW
3000K WW

DIM

2 YEAR WARRANTY

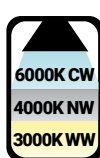*Certificates: CE,EMC,RoHS,ISO9001*

FEATURES

• Heat Conductive polycarbonate housing coupled with **internal aluminium** to produce a robust lamp.

• Frosted glazed diffuser **reducing the glare** and visibility of the 2835 SMD LED chips.

• **120° wide beam angle**, covering large surface areas ensuring maximum uniformity.

• Highly efficient LED Lamp with an effective lumen output of up to **550lm.**

• High performance LED Lamp giving you a bright, yet comfortable ambience.

• **Instant on LED** with no warm up time.

• Environmentally friendly choice serving as a direct replacement to **50W** Halogen lamps.

• The ideal lamp for day to day residential usage with built in **1kV surge protection.**
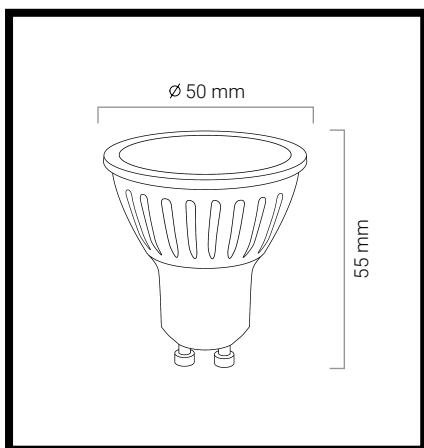
Ø 50 mm

55 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
D004	5.5W LED Econo GU10 4000K							
D005	5.5W LED Econo GU10 6000K							
D006	5.5W LED Econo GU10 3000K	550	>83	120°	220V- 240V	Plastic + internal Alu	-10~40°C	2835 SMD
DD004	5.5W LED Econo GU10 4000K Dim							
DD005	5.5W LED Econo GU10 6000K Dim							
DD006	5.5W LED Econo GU10 3000K Dim							

4W LED
GU10/COLOUR
DOWNLIGHTER

| 4W | 1kv SURGE PROTECTION | 6000K CW / 4000K NW / 3000K WW | RED / GREEN | BLUE / MAGENTA | PF >0.9 | 2 YEAR WARRANTY |

Certificates: CE, EMC, RoHS, ISO90001   **Rubycon**
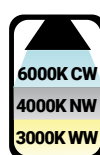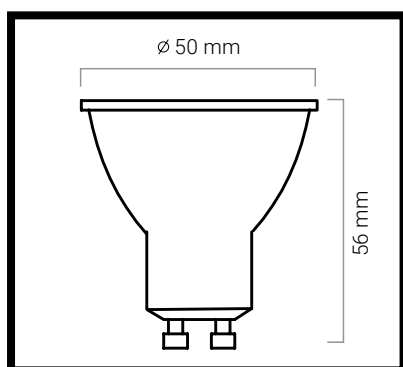
Ø 49.5 mm

53 mm

Ø 49.5 mm
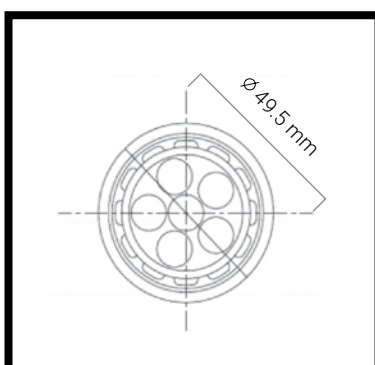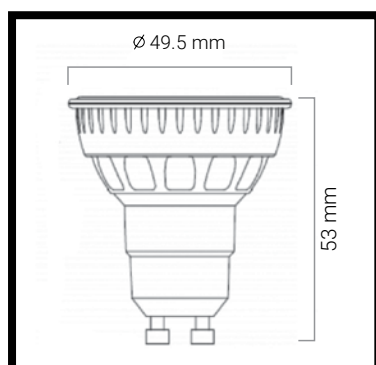
FEATURES

- Perfectly suitable for **enclosed/up-down light** fittings.
- **Honeycomb inspired lens** containing 3pcs high lumen SMD LED Chips with built in 1kV surge protection.
- Available in 3000K, 4000K, 6000K, Red, Blue, Green and Magenta coupled with a **45° narrow beam** designed to enhance architectural features.

- Contains no mercury, lead or harmful substances.
- Pure aluminium thermal management system **designed for a 7W LED** making it suitable for up-down light fitting.
- Robust LED Lamp featuring the **Japanese Rubycon capacitor.**
- **High CRI>80** (3000K/4000K/6000K) allowing for crisp true colour rendering.
- **Philips 3030** High Lumen LED Chips.
- Instant on LED with no warm up time.
- Environmentally friendly alternative containing no mercury, lead or any other harmful substances.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
D016	4W LED Colour GU10 Green							
D017	4W LED Colour GU10 Blue			45°	100V-277V	Pure Alu	-10~40°C	Philips 3030
D018	4W LED Colour GU10 Magenta							
D019	4W LED Colour GU10 Red							
D010	4W LED GU10 4000K							
D011	4W LED GU10 6000K	280	>83	60°	100V-277V	Pure Alu	-10~40°C	Philips 3030
D012	4W LED GU10 3000K							

6W COMBAT LED GU10 DOWNLIGHTER

6W

110 LUMEN PER WATT

1 kv SURGE PROTECTION

6000K CW
4000K NW
3000K WW

DIM

PF >0.8

2 YEAR WARRANTY

Certificates: CE, RoHS, EMC, ErP

FEATURES

- Thermoplastic housing coupled with **internal aluminium** and Silicone for a cost effective durable GU10 solution.

- Available in a Dimmable option, with a smooth **0-100% dimming range.**

- 60° beam angle GU10 with our Low Glare, **Comfort Lens.**

- Highly Efficient 2835 SMD LED Chips delivering up to **110lm/W.**

- Available in Colour temperatures of 3000K/4000K/6000K.

- Wide Voltage Range **170V-277V** designed specifically for the South African Market.

- Environmentally friendly choice serving as a direct replacement to 50W Halogen lamps.

- Suitable for **Sylo** PC housing UP & DOWN IP65 fixture (Pg 88).

ø 50 mm

56 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
D026	6W LED Combat GU10 6000K							
D027	6W LED Combat GU10 3000K							
D028	6W LED Combat GU10 4000K							
DD026	6W LED Combat GU10 6000K Dim	650	>83	60°	170V-277V	PC + Alu	-20~40°C	2835 Epistar
DD027	6W LED Combat GU10 3000K Dim							
DD028	6W LED Combat GU10 4000K Dim							

6W LED
PROFESSIONAL
DOWNLIGHTER

6W

100 LUMEN PER WATT

1 kV SURGE PROTECTION

6000K CW
4000K NW
3000K WW

DIM

PF >0.9

5 YEAR WARRANTY

5 Year Warranty is effective from Batch 2203 onwards

Certificates: CE, EMC, RoHS, ISO9001   **PHILIPS**   **Rubycon**

Ø 49.5 mm
53 mm

Ø 49.5 mm
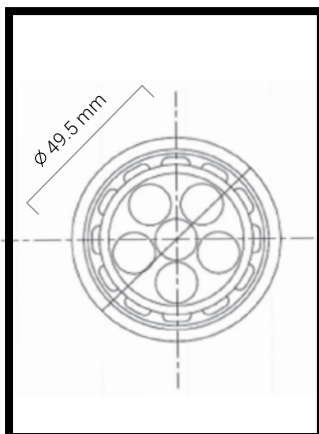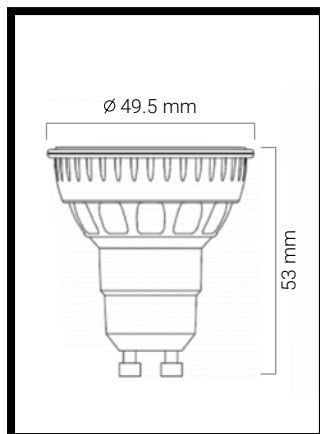
FEATURES

- Thermally tested and precisely positioned **pure aluminium** heat fins providing as its thermal management system, increasing the lifespan of the LEDs.

- 6pcs **Philips 3030** high lumen LED Chips delivering an effective **100lm/W.**

- Designed to withstand the most challenging/harsh environments with its built in **Japanese Rubycon Capacitor.**

- **Honeycomb lens** offering the highest levels of clarity and comfort.

- Dimmable variant optional with market leading, **true 10-100% dimming.**

- Featuring the latest electronic components producing a **PF>0.9.**

- **High CRI>80** with a **60° beam** angle, reducing light spillage.

- Current waveform is almost 100% sine wave producing **little to no harmonics.**

- Maintenance free, environmentally friendly alternative to halogen lamps which contains no mercury, lead or other harmful substances.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
D013	6W LED Professional GU10 6000K							
D014	6W LED Professional GU10 3000K							
D015	6W LED Professional GU10 4000K	600	>83	60°	100V- 277V	Pure Alu	-10~40°C	Philips 3030
DD009	6W LED Professional GU10 6000K Dim							
DD010	6W LED Professional GU10 3000K Dim							
DD011	6W LED Professional GU10 4000K Dim							

9W GU10
DOWNLIGHTER

FOR DOUBLE-VOLUME CEILINGS

3000K (WW)
5000K (DW)

DIM

PF >0.9

3 YEAR WARRANTY

9W

100 LUMEN PER WATT

1 kv SURGE PROTECTION

Rubycon Certificates: CE, EMC, RoHS, ISO90001

Ø 49.5 mm
80 mm

Ø 49.5 mm
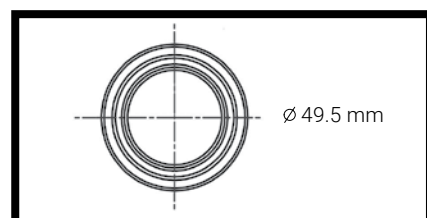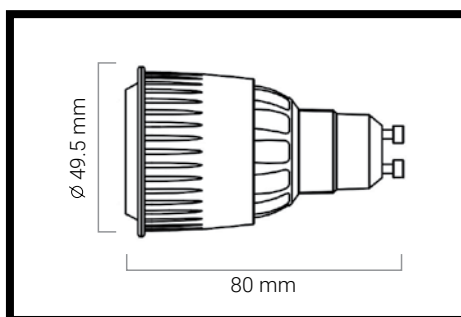
FEATURES

- **Pure aluminium housing** allowing for maximum heat dissipation.
- **High Lumen COB** LED Chip delivering an effective 900lm.
- Robust LED lamp built with a **Japanese Rubycon capacitor.**
- **Dimmable variant** allowing you to set your atmospheric mood.
- **45° narrow beam angle** – ideal for double volume ceilings or demanding applications.
- **High CRI>80** with a deep reflector helping reduce glare.
- Contains no mercury, lead or harmful substances.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
D007	9W LED High Power GU10 5000K							
D008	9W LED High Power GU10 3000K	900	>83	45°	100V-277V	Pure Alu	-10~40°C	COB
DD007	9W LED High Power GU10 5000K Dim							
DD008	9W LED High Power GU10 3000K Dim							

FLARE

FLARE 6W RECHARGEABLE LED GU10

3 Hours Battery Life

6W | **90 LUMEN PER WATT** | **1 kV SURGE PROTECTION** | **3CCT THREE COLOUR IN ONE** | **PF >0.9** | **2 YEAR WARRANTY**

Certificates: MSNS, UN38.3, CE-LVD, CB & RoHS

120°
94.8 mm | 88.7 mm | 75.3 mm | 23.4 mm

60°
90.5 mm | 84.4 mm | 71 mm | 19.1 mm | Ø 50 mm
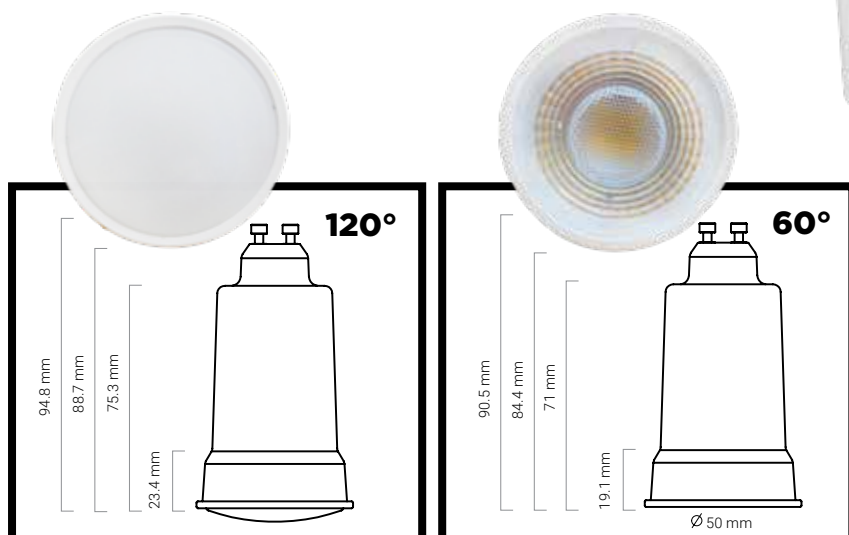
FEATURES

- **Ultra Convenient 3CCT LED GU10 lamp** with colour temperatures of 3000K/4000K or 6000K adjustable via our built in Dipswitch.

- 3.7V 1400mah **Lithium battery** allowing for 3 hours running time whilst lamp is operational on Battery Mode.

- **5-6 working hours is required for the lamp to reach a full charge once the battery is fully depleted.**

- Battery mode is instantly activated when **Load Shedding or a power failure occurs**, with the lamps operation being controlled via your light switch. The lamp will instantly drop to a 4W with a 4000K colour temperature.

- **Wide input voltage range 180V-277V** designed specifically for use in the South African Market. This lamp is further protected with a built in 1kV surge protection.

- **High CRI>80 Epistar LED Chips** delivering an impressive 90lm/w in **beam angles of either 120D or 60D.**

- Rechargeable Flare GU10 to only be installed in **non dimmable LED Lighting circuits** and circuits where sensors aren't used.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
ED001	6W Rechargeable LED Flare GU10 60D 3CCT Li-1400mAH	540	>80	60°	AC180V- 277V	PC & Internal Alu	0~35°C	Epistar Chips
ED002	6W Rechargeable LED Flare GU10 120D 3CCT Li-1400mAH			120°				

SYBER

SYBER PC GU10 SURFACE MOUNT FIXTURE

WITH GU10 HOLDER

IP20 Indoor

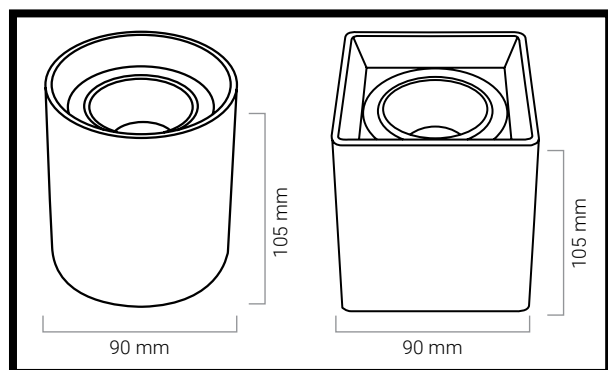**Anti-Glare**

1 YEAR WARRANTY

Certificates: CE, VDE, RoHS

FEATURES

- **Coastal Grade PC Housing** designed for long term use in Coastal Applications.

- Available in **Matt Black or White** in either square or round.

- Comes complete with a **GU10 holder**, designed to take a PC GU10 with a maximum of 6W.

- Add a touch of elegance with our Surface Mounted Downlights.

105 mm

90 mm

105 mm

90 mm

CODE	DESCRIPTION	HOUSING
R335	SYBER GU10 PC Surface Mount - Square Black	
R336	SYBER GU10 PC Surface Mount - Round Black	PC
R337	SYBER GU10 PC Surface Mount - Square White	
R338	SYBER GU10 PC Surface Mount - Round White	

GU10 HOLDER AND ALUMINIUM FIXTURES

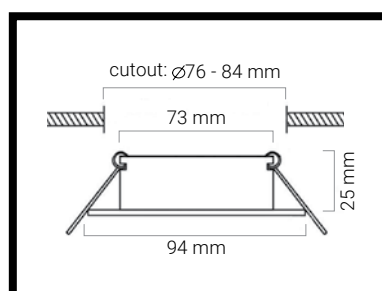**Available in Black, White & Silver**
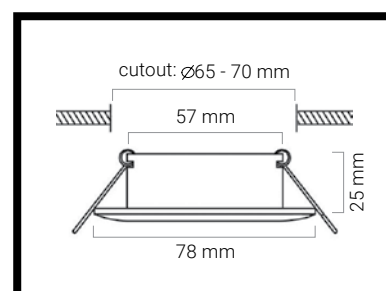
GU10 HOLDER

R101
036 - IEC GU10 Holder
*Big junction box and
terminal - easy to loop cables.
PC cover for ceramic holder to ensure on-site
safety for installers.
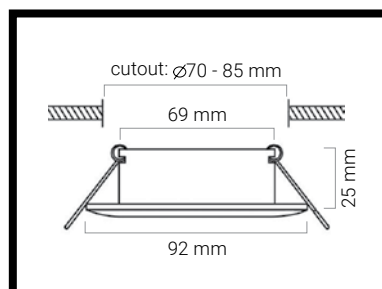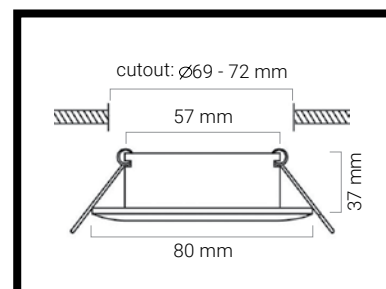*CE, EMC, RoHS, ISO9001*

ALUMINIUM FIXTURES

Anti-Glare

cutout: ⌀76 - 84 mm
73 mm
25 mm
94 mm

Fixed

cutout: ⌀65 - 70 mm
57 mm
25 mm
78 mm

Tilt

cutout: ⌀70 - 85 mm
69 mm
25 mm
92 mm

Slim Anti-Glare

cutout: ⌀69 - 72 mm
57 mm
37 mm
80 mm

R221
Q-B5525
Square • Black
CNC Aluminium
∅92x92mm/ Cut 70 -85

SQUARE

R220
Q-W5525
Square • White
CNC Aluminium
∅92x92mm/ Cut 70 -85

SQUARE

R219
Q-S5525
Square • Silver
CNC Aluminium
∅92x92mm/ Cut 70 -85

SQUARE

R204
B7717
Black • Flat • Tilt
CNC Aluminium
∅92 x H25 / Cut 70 - 85

TILT
FLAT

R202
W7717
White • Flat • Tilt
CNC Aluminium
∅92 x H25 / Cut 70 - 85

TILT
FLAT

R201
S8818
Silver • Flat • Tilt
CNC Aluminium
∅92 x H25 / Cut 70 - 85

TILT
FLAT

R218
BA919
Slim Anti Glare • Black
CNC Aluminium
∅80 x H37 / Cut 69 - 72

SLIM ANTI-GLARE

R217
WA919
Slim Anti Glare • White
CNC Aluminium
∅80 x H37 / Cut 69 - 72

SLIM ANTI-GLARE

R203
S6616
Silver • Bevelled • Tilt
CNC Aluminium
∅92 x H25 / Cut 70 - 85

BEVELLED
TILT

R216
AB828
Anti Glare • Black
CNC Aluminium
∅94 x H25 / Cut 76 - 84

ANTI-GLARE

R215
W-AW828
Anti Glare • White
CNC Aluminium
∅94 x H25 / Cut 76 - 84

ANTI-GLARE

R214
S-AS828
Anti Glare • Silver
CNC Aluminium
∅94 x H25 / Cut 76 - 84

ANTI-GLARE

R211
BN717
Black • Flat • Fixed
CNC Aluminium
∅78 x H25 / Cut 65 - 70

FIXED
FLAT

R212
WN717
White • Flat • Fixed
CNC Aluminium
∅78 x H25 / Cut 65 - 70

FIXED
FLAT

R213
SN616
Silver • Bevelled • Fixed
CNC Aluminium
∅78 x H25 / Cut 65 - 70

BEVELLED
FIXED

SYLO SURFACE MOUNT WALL FIXTURE

Available in Square, Round, Down & Up&Down

IP 65

2 YEAR WARRANTY

Certificates: CE, IEC60598
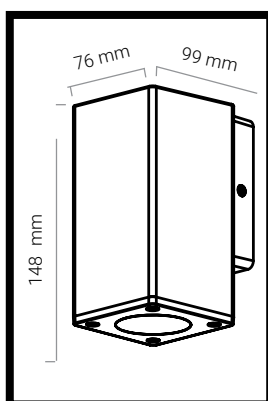
SQUARE DOWN	**ROUND DOWN**	**SQUARE UP&DOWN**	**ROUND UP&DOWN**
76 mm 99 mm 148 mm	76 mm 99 mm 148 mm	76 mm 99 mm 186 mm	76 mm 99 mm 186 mm
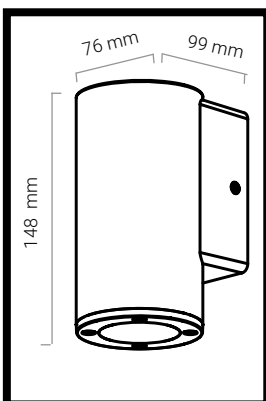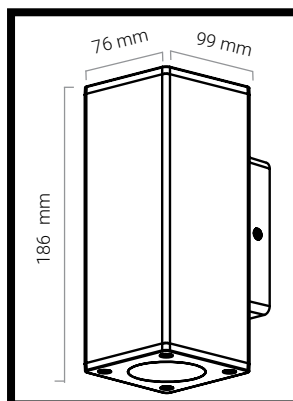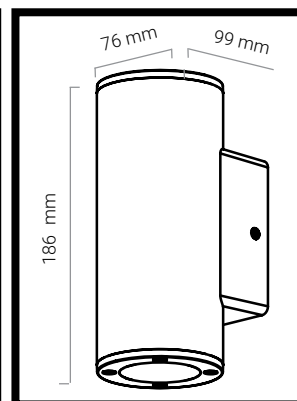
FEATURES

- **Coastal Grade PC & ABS** Housing designed for maintenance free Coastal use.
- Suitable for outdoor use with it's **IP65 rating.**
- Available in Matt Black.
- **Clear PC lens** allowing for uninterrupted clear illumination.

- Available in **Square or Round** with **UP&DOWN** or just **DOWN** options.
- Housing is Suitable for **PC GU10 Lamps** less than 6W.

| CODE	DESCRIPTION	HOUSING
R331	Sylo Surface Mount IP65 UP&DOWN Wall Fixture for GU10 Square	ABS + PC Material, PC Diffuser
R332	Sylo Surface Mount IP65 UP&DOWN Wall Fixture for GU10 Round	
R333	Sylo Surface Mount IP65 DOWN Wall Fixture for GU10 Square	
R334	Sylo Surface Mount IP65 DOWN Wall Fixture for GU10 Round	

PANDORA

PANDORA 3CCT WALL LIGHT

Available in Down & Up&Down

OPTIONAL EXTRA

1kv SURGE PROTECTION

IP 65

3CCT THREE COLOUR IN ONE

2 YEAR WARRANTY

Certificates: CE, IEC60598, ErP

DOWN & UP&DOWN
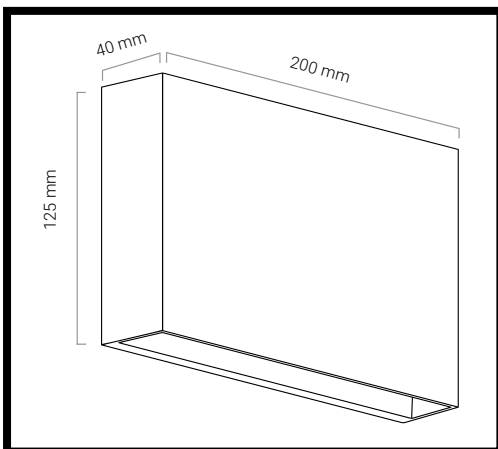
40 mm
200 mm
125 mm

FEATURES

- **Coastal Grade PC & ABS** Housing designed for maintenance free Coastal use.

- Suitable for outdoor use with its **IP65 rating.**

- Available in Matt Black or White quickly customisable with our **Snap on Trims**.

- **Clear PC lens** allowing for uninterrupted clear illumination.

- Available in **UP&DOWN** or just **DOWN** options.

- 3CCT Variant with Warm White/ Natural White/Cool White controlled via **Dipswitch.**

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIP
R401	Surface Mount IP65 12W 3CCT IP65 Up&Down PC Wall light Black	700	>80	100°	200-260V	ABS + PC	-20~40°C	2835 SMD
R402	Surface Mount IP65 6W 3CCT IP65 Down PC Wall light Black	500						
R403	Accessory - White PC Case for Pandora Up&Down							
R404	Accessory - White PC Case for Pandora Down							

BAZUKA 35W
TRACK SPOT LIGHT

NEW HONEYCOMB LENS OPTION

3 WIRE/SURFACE MOUNT TRACK LIGHT
Available in Black or White

35W

100 LUMEN PER WATT

PF > 0.9

3 kv SURGE PROTECTION

6000K 4000K 3000K

FLICKER FREE

3 YEAR WARRANTY

Certificates: CE, EMC, IEC60598

3 WIRE TRACK

162 mm
38 mm
63 mm
132 mm
Ø 85 mm

SURFACE MOUNT

Ø102mm
36 mm
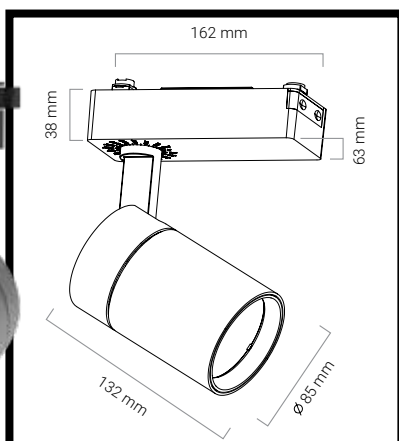
FEATURES

- **Dynamic Dual Heat Sink** ensuring longevity and the reduction in lumen depreciation.
- **High Lumen COB LED** coupled with a high-performance lens delivering an effective 100lm/W.
- **Elegant**, sophisticated look bringing style to your application.
- **340° rotation** allowing for precise aiming.
- **3 Wire system** for use in all single-phase circuits.
- **Deep reflector (36°)** helps in the reduction of glare whilst not impacting lumen output.
- Matt black or chique white trendy powder coated finish.
- **3kV built in surge protection** designed to withstand the toughest environments.
- **High spec driver** with a high PF>0.9 – ideal for retail/commercial industries.

BAZUKA Honeycomb

Available with a Removable Anti-Glare Honeycomb Lens

Turn the lens in an anti-clockwise direction to remove the honeycomb lens

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
TKB101	35W Bazuka 3 Wire Track 6000K Black							
TKB102	35W Bazuka 3 Wire Track 4000K Black							
TKB103	35W Bazuka 3 Wire Track 3000K Black							
TKW101	35W Bazuka 3 Wire Track 6000K White							
TKW102	35W Bazuka 3 Wire Track 4000K White							
TKW103	35W Bazuka 3 Wire Track 3000K White	3 500	>83	36°	200V-265V	Pure Alu	-15~45°C	COB
TSB101	35W Surface Bazuka 6000K Black							
TSB102	35W Surface Bazuka 4000K Black							
TSB103	35W Surface Bazuka 3000K Black							
TSW101	35W Surface Bazuka 6000K White							
TSW102	35W Surface Bazuka 4000K White							
TSW103	35W Surface Bazuka 3000K White							
TKB100	35W Bazuka 3 Wire Track 3CCT Honeycomb Black							
TKW100	35W Bazuka 3 Wire Track 3CCT Honeycomb White							
TK100	30W Dim Driver for Bazuka Track Spot							

BAZUKA,
SNYPA & LEDA
ACCESSORIES

Multi Angle Connector 3 Wire Black or White

Black **TKB121**
White **TKW121**

1, 2 or 3 metre 3 Wire Track Set
(including Power Feed & End Cap)
Black or White

1M Black **TKB110**
1M White **TKW110**
2M Black **TKB111**
2M White **TKW111**
3M Black **TKB112**
3M White **TKW112**

End cap 3 Wire
Black or White

Black **TKB119**
White **TKW119**

Track adapter 3 Wire
Black or White

Black **TKB120**
White **TKW120**

I-Connector 3 Wire
Black or White

Black **TKB114**
White **TKW114**

Power Feed 3 Wire
Black or White

Black **TKB113**
White **TKW113**

L-Connector 3 Wire
Black or White

Black **TKB116**
White **TKW116**

T-Connector 3 Wire
Black or White

Black **TKB117**
White **TKW117**

X-Connector 3 Wire
Black or White

Black **TKB118**
White **TKW118**

Slim I-Connector 3 Wire
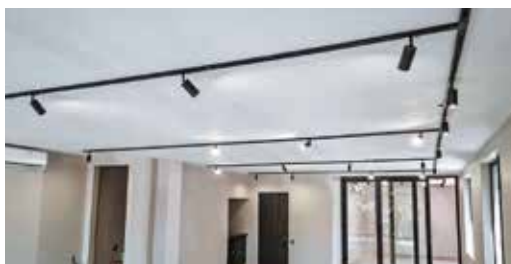Black or White

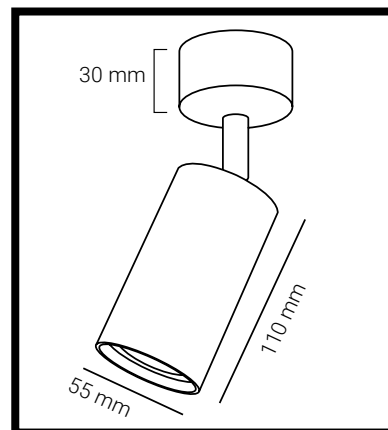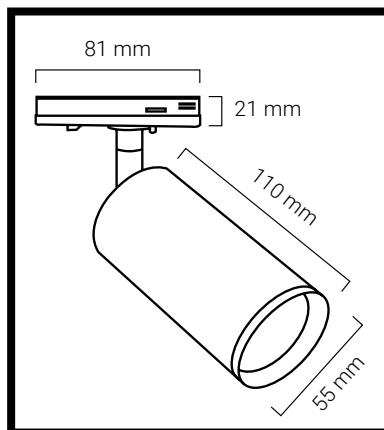Black **TKB115**
White **TKW115**

SNYPA LED SPOT FIXTURE

3 WIRE/SURFACE MOUNT TRACK LIGHT

Available in Black or White

Available with a Removable Anti-Glare Honeycomb Lens

IP33 Indoor

1 YEAR WARRANTY

Certificates: CE, RoHS
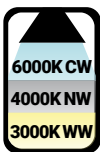
81 mm

21 mm

110 mm

55 mm

30 mm

110 mm

55 mm

FEATURES

- Available in either **surface mount or 3 wire variants.**

- **110mm in length,** this track spot is designed to take most GU10 lamps.

- **Pure Aluminium** heat sink helping in the effective dissipation of the LED lamp.

- Ideal for residential/commercial applications where our Bazuka LED spot is too powerful.

- **Matt white or black** housing optional.

CODE	DESCRIPTION	NOTES
R301	Snypa GU10 3 wire Track 110m Black fitting	
R302	Snypa GU10 3 wire Track 110m White fitting	*No tools required to remove the lamp
R311	Snypa GU10 Surface 110m Black fitting	
R312	Snypa GU10 Surface 110m White fitting	

PUNCH
HIGH POWER
DOWNLIGHTER

Available in 10W, 15W, 25W & 35W

2kv SURGE PROTECTION

IP 40

6000K CW
4000K NW
3000K WW

DIM

LiFud

PF >0.93

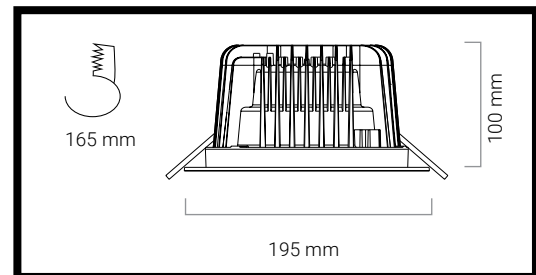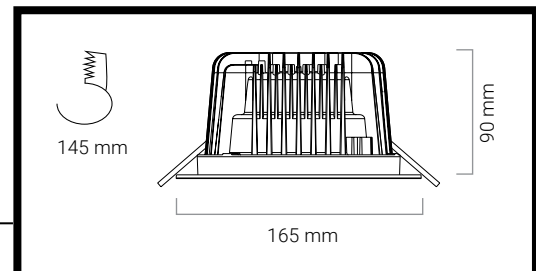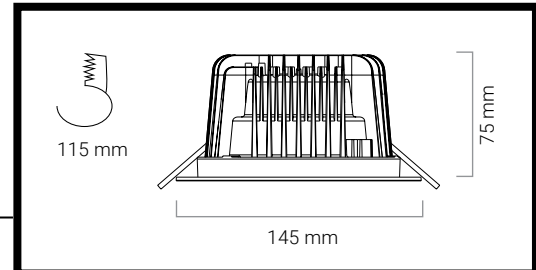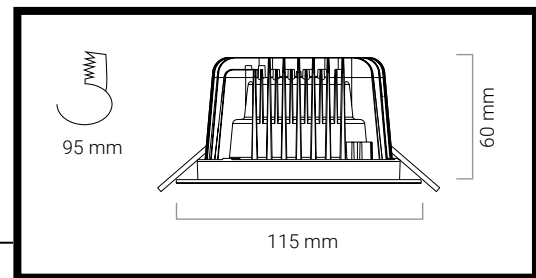**19 UGR**

FLICKER FREE

5 YEAR WARRANTY

Certificates: CE, RoHS, SAA, IEC60598, ErP

FEATURES

- **Tornado inspired reflector** designed to enhance brightness whilst effectively reducing glare with a **UGR<19.**

- Oversized Razor Cooling Fins efficiently pulling heat away from the COB LED chip giving the luminaire an **L80B10 @ 50 000hrs** rated lifespan.

- High Lumen **USA BridgeLux LED** Chip with an effective 120lm/W maximising energy savings.

- **CRI>80** allowing this product to be used in even the most delicate retail or commercial environments.

- **Quick and Easy installation/maintenance** options with our Snap & Slide connectors seamlessly pairing the downlight & LED Power Supply.

- Robust, High Power Factor >0.9 **Flicker Free Lifud LED power supply** with a built in 2kV Surge Protection.

- **Ultra Strong Spring Back Clips** allowing for a flush clean finish once installed.
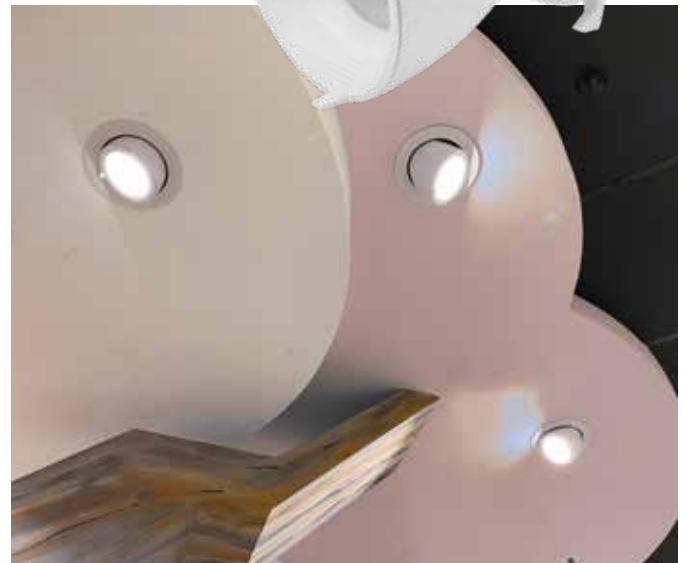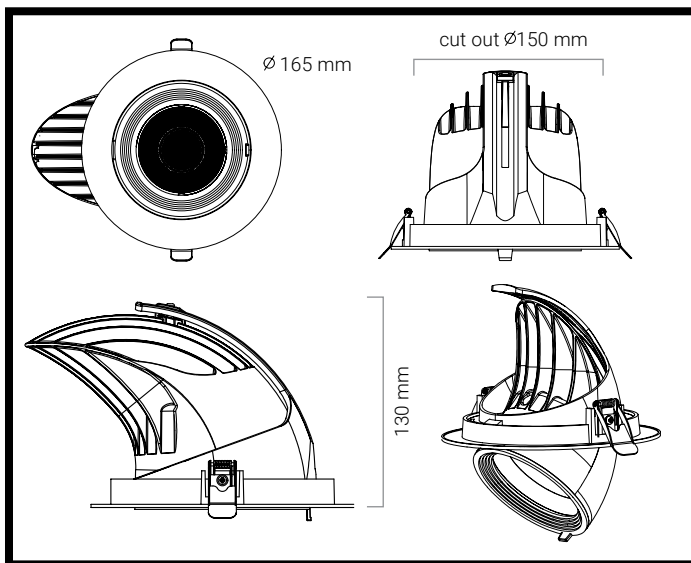
10W — 6000K CW / 4000K NW / 3000K WW — DIM

95 mm · 115 mm · 60 mm

15W — 6000K CW / 4000K NW / 3000K WW — DIM

115 mm · 145 mm · 75 mm

25W — 6000K CW / 4000K NW / 3000K WW — OPTIONAL DIM

145 mm · 165 mm · 90 mm

35W — 6000K CW / 4000K NW / 3000K WW — OPTIONAL DIM

165 mm · 195 mm · 100 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
HD001	PUNCH LED Downlighter 10W 3000K cut 95-110 Dim	1200						
HD002	PUNCH LED Downlighter 10W 4000K cut 95-110 Dim	1200						
HD003	PUNCH LED Downlighter 10W 6000K cut 95-110 Dim	1200						
HD004	PUNCH LED Downlighter 15W 3000K cut 115-140 Dim	1800						
HD005	PUNCH LED Downlighter 15W 4000K cut 115-140 Dim	1800						
HD006	PUNCH LED Downlighter 15W 6000K cut 115-140 Dim	1800	CRI>85	55°	190V-277V	Pure Alum	-20 ~ 45°C	USA Bridgelux Chip
HD007	PUNCH LED Downlighter 25W 3000K cut 145-160	3000						
HD008	PUNCH LED Downlighter 25W 4000K cut 145-160	3000						
HD009	PUNCH LED Downlighter 25W 6000K cut 145-160	3000						
HD010	PUNCH LED Downlighter 35W 3000K cut 165-190	4200						
HD011	PUNCH LED Downlighter 35W 4000K cut 165-190	4200						
HD012	PUNCH LED Downlighter 35W 6000K cut 165-190	4200						
HD003PS	10W Punch Dim Driver							
HD006PS	15W Punch Dim Driver							
HD009PS	25W Punch non-dim Driver							
HD012PS	35W Punch non-dim Driver							
HD008PS	25W Punch dim Driver							
i101Di	Dim Driver for 35W Punch							

MARIO ROUND
TILT LED
DOWNLIGHTER

35W

100 LUMEN PER WATT

2 kv SURGE PROTECTION

IP 40

3CCT THREE COLOUR IN ONE

PF >0.93

5 YEAR WARRANTY

L80BIO 50000 hrs

Certificates: CE, EMC, IEC60598, ErP

Ø 165 mm

cut out Ø150 mm

130 mm

FEATURES

- **USA Bridgelux COB LED Chip** with an effective lumen output of 100lm/W.
- **L80B10 @ 50 000hrs** rated lifespan with a built in 2kV surge protection & Flicker Free Technology.
- Tiltable High Power (35W) Recessed Downlighter with a **36° Beam Angle**.
- **High CRI >85** LED luminaire, ideal for delicate retail or commercial environments where colour rendering is of extreme importance.
- **Pure Aluminium Housing** allowing for maximum heat dissipation.
- Deep recessed COB LED Chip designed to **reduced glare** whilst providing maximum lumen output.
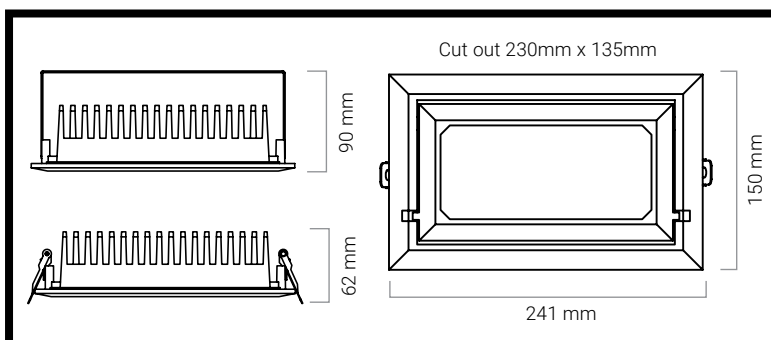
CODE	DESCRIPTION	LUMEN OUTPUT	BEAM	HOUSING	INPUT VOLTAGE	OPERATING TEMP	LED CHIPS
HD020	35W Mario LED Round Tilt Downlight 3CCT	3 500	36°	Pure Alu	200V-277V	-15~45°C	USA Bridgelux COB

LUIGI RECTANGULAR TILT LED DOWNLIGHTER

WITH 30W, 35W, 40W & 50W ALL IN ONE

PF > 0.93

3CCT THREE COLOUR IN ONE

2 kv SURGE PROTECTION

100 LUMEN PER WATT

L80BIO 50000 hrs

5 YEAR WARRANTY

IP 40

Certificates: CE, EMC, IEC60598

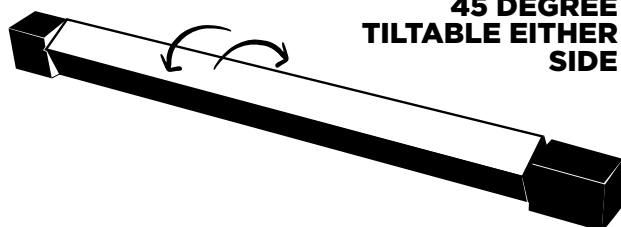Cut out 230mm x 135mm

90 mm

62 mm

150 mm

241 mm

FEATURES

- **30-50W adjustable** LED Shoplight with a **3CCT Dipswitch** allowing for seamless changes between 3000K/4000K/6000K depending on the requirements.

- **Instant on Flicker Free** LED Shoplight with a built in 2kV Surge Protection and a PF>0.93.

- Epistar 2835 SMD LED Chips offering an effective 100lm/W.

- **Pure Aluminium** housing for excellent thermal management.

- **CRI>85** providing the perfect solution for the retail environment.

- Eco-friendly alternative to HID lamps, containing no mercury, lead of other harmful chemicals.

CODE	DESCRIPTION	LUMEN OUTPUT	BEAM	HOUSING	INPUT VOLTAGE	OPERATING TEMP	LED CHIPS
HD021	30W-50W LUIGI LED Rec Tilt Downlight	100lm/w	120°	Alu	200V-277V	-15~45°C	Epistar 2835

LEDA 3 WIRE TRACK TILTABLE LINEAR

Available in 2FT

20W

80 LUMEN PER WATT

3CCT THREE COLOUR IN ONE

2.5 kv SURGE PROTECTION

IP 20

PF > 0.9

3 YEAR WARRANTY

Certificates: CE, EMC, IEC60598

**45 DEGREE TILTABLE EITHER SIDE**

FEATURES

• 2ft Tiltable Linear LED Track Light with **built in 3CCT** functionality changeable via the built in **Dip Switch**.

• 185-265V Wide input range with a built in 2.5kV Surge Protection increasing the robustness of the luminaire.

• **Opal diffuser** creating a **soft uniform light** distribution eliminating all visuals of the raw LEDs.

• **Pure aluminium** housing designed to reduce lumen decay ensuring a brighter luminaire for a longer time.

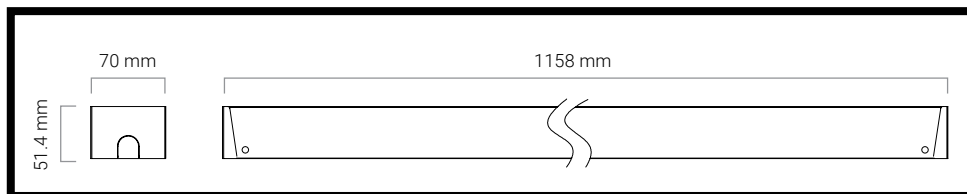• **High Power Factor >0.9**, ideal for use in all commercial & residential applications.

2FT

502 mm

33 mm

54 mm
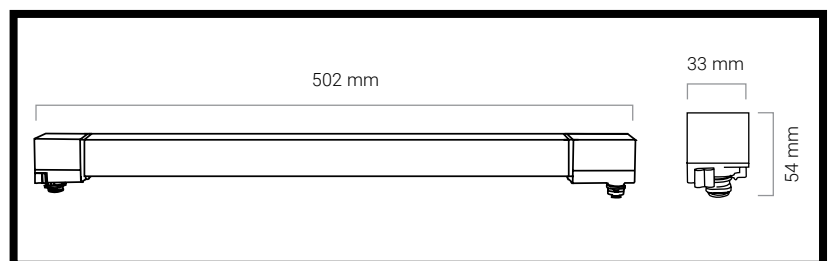
CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
TK003	2Ft LEDA 3Wire Track Tilt Linear 3CCT	1 600	>83	120°	185V-265V	Pure Alu	-15~45°C	2835 Sanan

SONIQ
LINKABLE
RETAIL
LINEAR

Rotary Union

Certificates: CE, EMC, IEC60598

40W

150 LUMEN PER WATT

3CCT THREE COLOUR IN ONE

2.5 kv SURGE PROTECTION

IP 20

PF >0.9

IK 08

5 YEAR WARRANTY

70 mm 1158 mm 51.4 mm

FEATURES

- **High Power Factor >0.9** BOKE LED Driver with a **2.5kV Surge Protection** offering a robust luminaire with a 5 year warranty.

- **Pure Aluminum housing** coupled with a PC diffuser, designed to ensure maximum comfort for customers when used in retail applications.

- Linkable up to **60m or 50 x 4ft SoniQ Linears.** Ideal for long isles where continuous lighting is a requirement.

- **L80B20 @ 50 000hrs** ensuring minimal lumen decay throughout the 5 year warranty period.

- Available in either **60°/90°(standard) & 120° beam angles**, allowing for an extremely versatile luminaire to suit most applications.

- Available in **3CCT (3000K/4000K/6000K)** Controlled via the luminaires dipswitch for a quick and easy CCT transition.

- **High CRI>80** making the SoniQ the ideal Retail & Commercial LED Solution.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
LL705	SoniQ 3CCT 40W Linkable 4ft Linear Light Black	6 000	>80	90°	220-240V	Pure Alu	-25°C to 45°C	2835 Epistar
LL706	SoniQ 3CCT 40W Linkable 4ft Linear Light White							
LL705a	SoniQ 60D Lens x 1			60°				
LL705b	SoniQ 120D Lens			120°				
LL705c	Rotary Union - Black							

KARU SOLAR FLOODLIGHT

Available in 100W & 200W

IP 67

2 YEAR WARRANTY

Certificates: CE, EMC, MSDS, UN38.3

Optional 3m Extra Length Cable

REMOTE CONTROL

21% Efficiency Monocrystalline
4-6 hours to 100% charge

Solar Panels Packed Separately

100W=1 000lm

Rechargeable Lithium LFP Battery:
3.2V 32700x2 for 100W
Battery Capacity: 12000mAh

200W=2 000lm

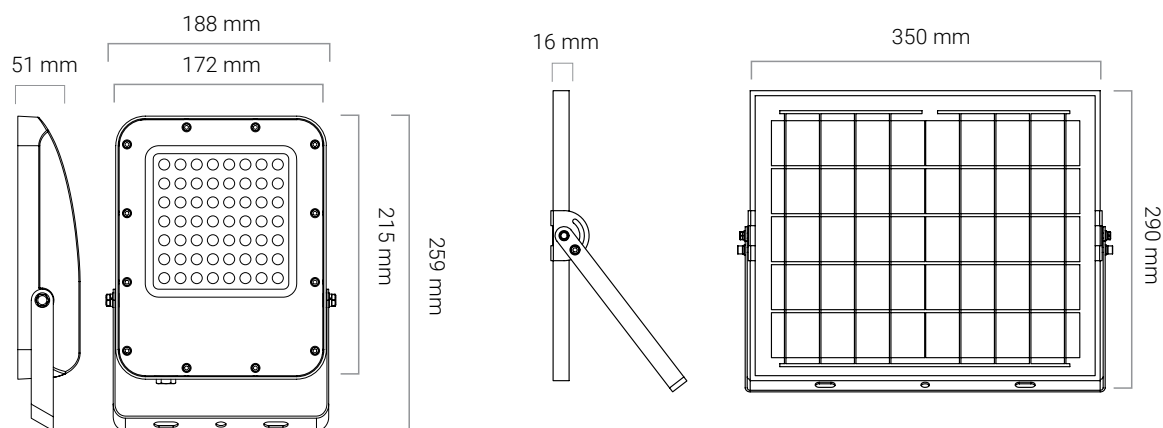**Rechargeable Lithium LFP Battery:**
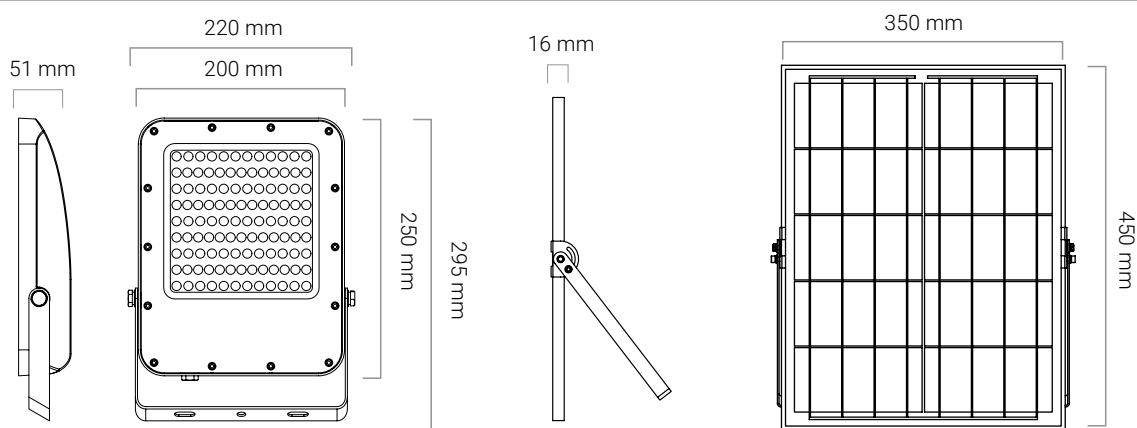3.2V 32700x4 for 200W
Battery Capacity: 24000mAh

FEATURES

- **Lithium LFP Battery** powered LED Solar Flood available in wattages of 100W & 200W.

- **Die-Cast Aluminium** body serving as an effective heatsink whilst providing added protection to the housing.

- 8m range controller with multiple setting selections. **Timer for 3/5/8hrs usage** or an **Automatic Mode** which will allow for **12hrs usage**.

- **4-bar battery level indicator** allowing you to see how much charge your battery has stored. The batteries can also be changed out at a later stage if required.

- 2m Standard Installation Cable with an additional **3m available as an accessory**, ensuring your floodlights installation can be in even the most complex places.

- 21% efficiency Monocrystalline solar panels and **1.0mm² thick cable** allowing for a **faster charge** with a longer lifespan, even in cloudy days.

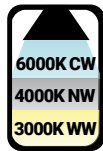- **Lock/Unlock battery** setting to **preserve the battery** during shipping and throughout its shelf-life.

KARU
SOLAR FLOODLIGHT

100W

188 mm
172 mm
51 mm
215 mm
259 mm

16 mm

350 mm
290 mm

200W

220 mm
200 mm
51 mm
250 mm
295 mm

16 mm

350 mm
450 mm
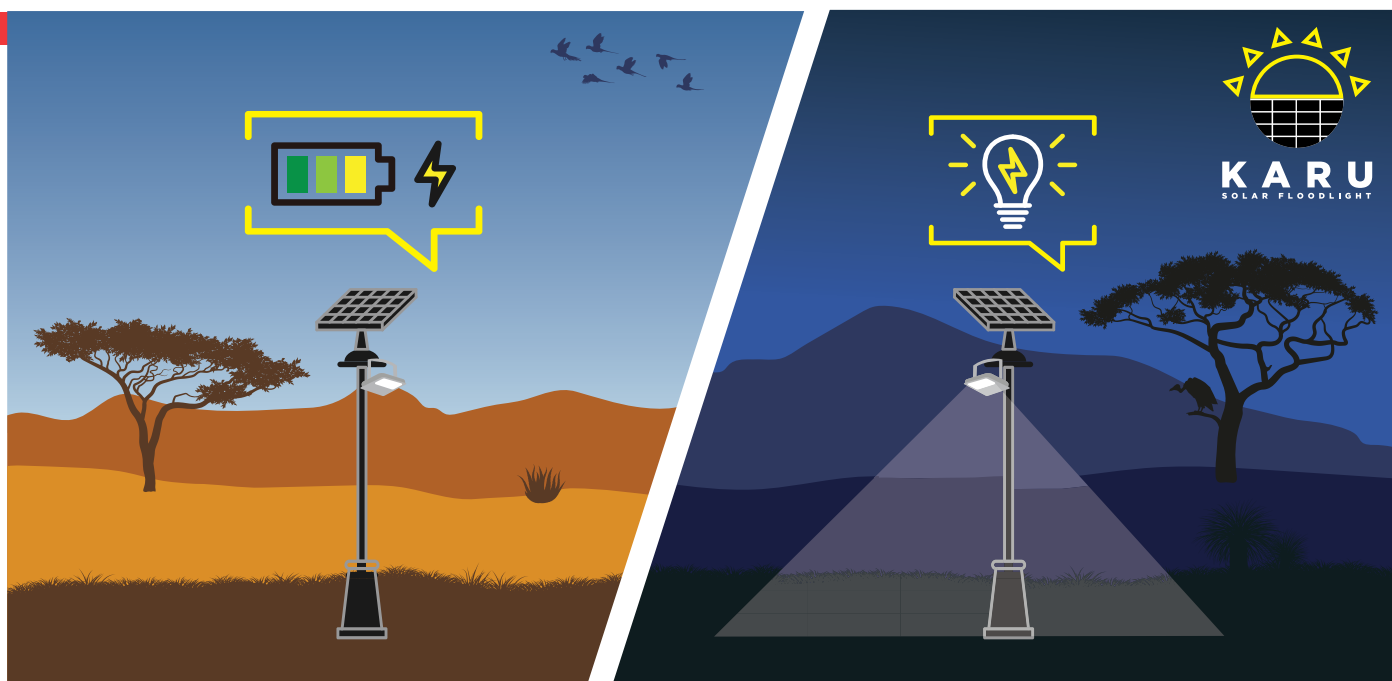
CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	HOUSING	BATTERY	OPERATING TEMP	LED CHIPS
FS003	100W IP67 Solar LED Floodlights 6000K	1 000	>70	90D	Die-cast Alu	Lithium LFP Battery	-25 to 45°C	SMD 2835
FS004	100W IP67 Solar LED Floodlights 4000K	1 000						
FS003P	15W Mono Solar Panel for 100W Floodlight							
FS005	200W IP67 Solar LED Floodlights 6000K	2 000	>70	90D	Die-cast Alu	Lithium LFP Battery	-25 to 45°C	SMD 2835
FS006	200W IP67 Solar LED Floodlights 4000K	2 000						
FS005P	25W Mono Solar Panel for 200W Floodlight							
FS010	3M 1.0mm² Cable							

THOR COASTAL
FLOODLIGHT

Available in 20W, 30W, 50W, 100W, 150W, 200W & 500W

130 LUMEN PER WATT

3-10 kV SURGE PROTECTION

IP 65

6000K CW
4000K NW
3000K WW

IK 08

PF ⩾ 0.9

3G VIBRATION TEST

5 YEAR WARRANTY

Certificates: CE, EMC, IEC60598, RoHS, ISO9001

MW MEAN WELL
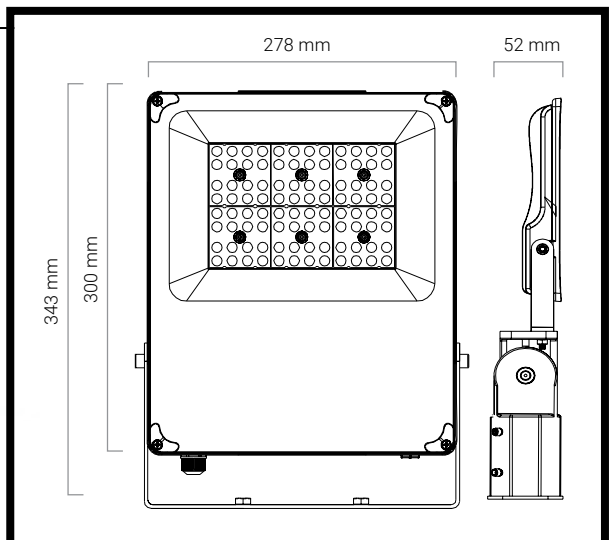
PHILIPS INVENTRONICS *Driver*

HEAVY DUTY

POLE MOUNT BRACKET AVAILABLE

⌀84mm

FEATURES

- High Lumen **Philips 3030** LED Chip achieving 130lm/W and 150lm/W for 500W THOR.
- Integrated IP65 constant current LED Power Supply with built in **3-10kV Surge Protection.**
- **Dynamic thermal management** design maximizing heat dissipation ultimately increase the service life of the luminaire.

- **Robust design** allows for demanding applications.
- Our Premium Range LED Floods come complete with a **1m installation cable.**
- 20 to 500W come complete with a **breather gland** reducing all forms of condensation that may occur due to harsh climatic conditions.
- Aluminium housing with anti-corrosive powder coating finish.

- **316** Stainless steel screws and bolts with **304** Stainless steel reinforced extended bracket.
- White reflector allowing for **maximum** light distribution.
- Eco-friendly alternative to HID lamps containing no mercury, lead or other harmful chemicals.
- Instant on LED Light Source.
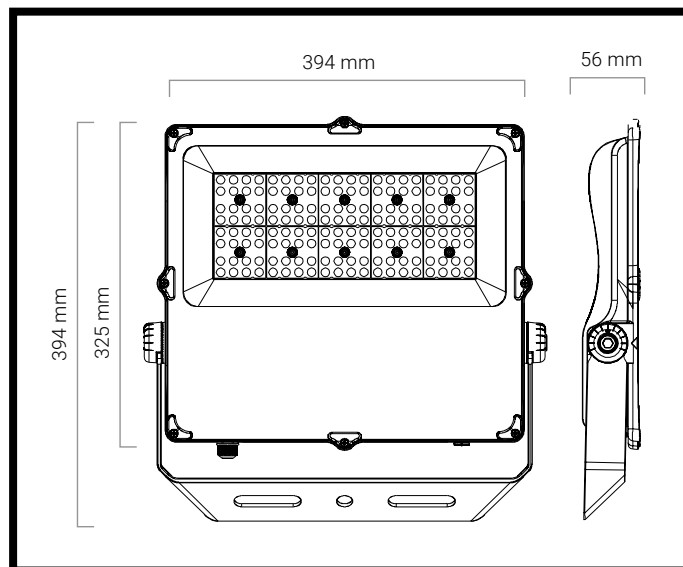- **50 000hr** rated service life.

20W

6000K CW
4000K NW
3000K WW

3 kv
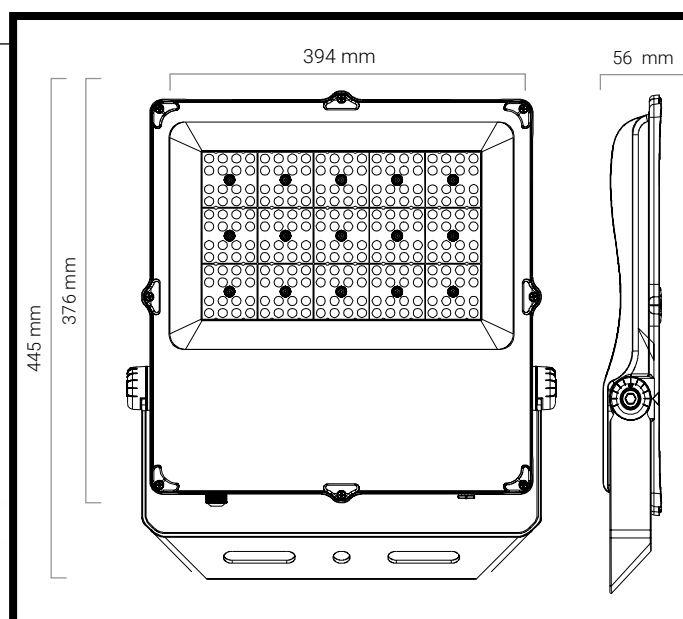SURGE PROTECTION

122 mm
52 mm
182 mm
150 mm

30W

6000K CW
4000K NW
3000K WW

3 kv
SURGE PROTECTION

169 mm
51 mm
242 mm
200 mm

50W

6000K CW
4000K NW
3000K WW

4 kv
SURGE PROTECTION

204 mm
52 mm
282 mm
190 mm

100W

6000K CW
4000K NW
3000K WW

4 kv
SURGE PROTECTION

MW MEAN WELL

278 mm
52 mm
343 mm
300 mm
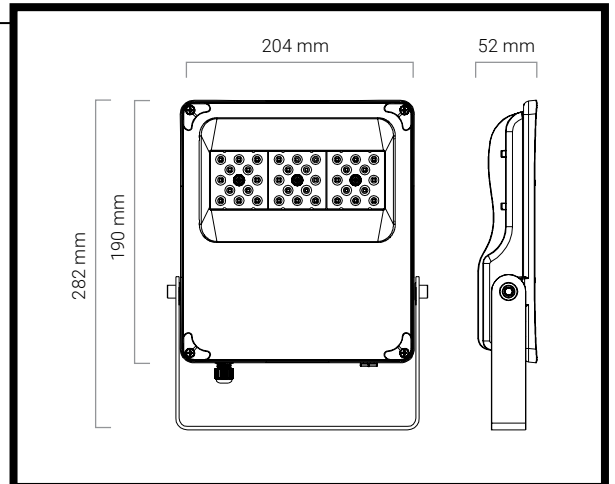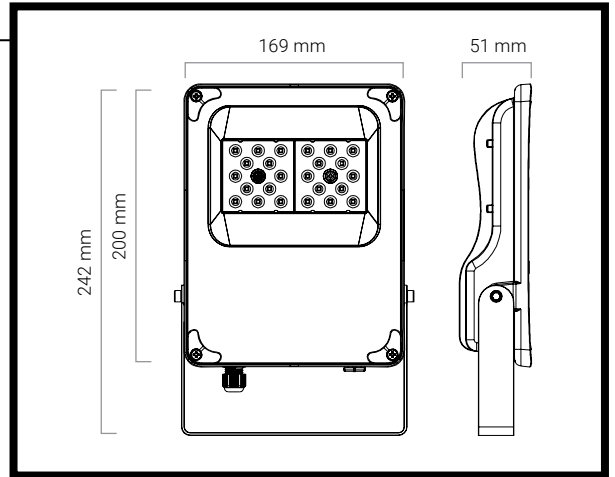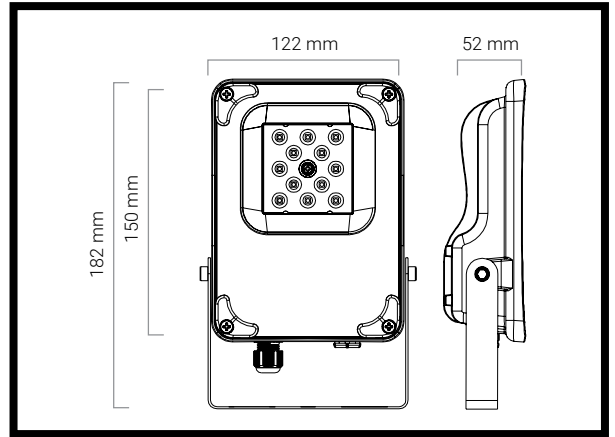
150W

6000K (CW)

4 kv SURGE PROTECTION

MW MEAN WELL

394 mm | 56 mm
394 mm | 325 mm

200W

4000K (NW)

6000K (CW)

4 kv SURGE PROTECTION

MW MEAN WELL

394 mm | 56 mm
445 mm | 376 mm

500W

6000K (CW)

10 kv SURGE PROTECTION

150 LUMEN PER WATT

INVENTRONICS *Driver*

545 mm | 64.8 mm
524 mm | 447 mm
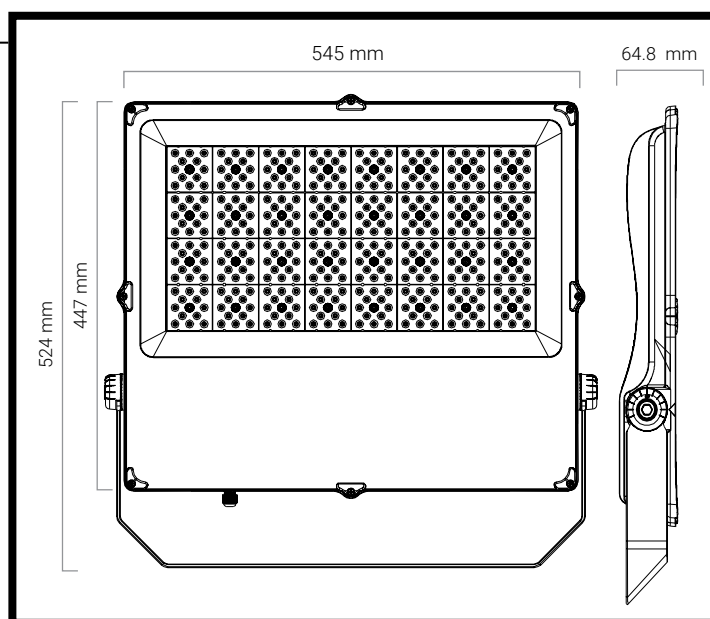
CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
F103	20W THOR IP65 Coastal Heavy Duty Floodlight 6000K	2 600	>80	120D	180V- 277V	Powder Coated Alu	-30~40°C	Philips 3030
F104	20W THOR IP65 Coastal Heavy Duty Floodlight 4000K	2 600						
F105	20W THOR IP65 Coastal Heavy Duty Floodlight 3000K	2 600						
F106	30W THOR IP65 Coastal Heavy Duty Floodlight 6000K	3 900						
F107	30W THOR IP65 Coastal Heavy Duty Floodlight 4000K	3 900						
F108	30W THOR IP65 Coastal Heavy Duty Floodlight 3000K	3 900						
F109	50W THOR IP65 Coastal Heavy Duty Floodlight 6000K	6 500						
F110	50W THOR IP65 Coastal Heavy Duty Floodlight 4000K	6 500						
F111	50W THOR IP65 Coastal Heavy Duty Floodlight 3000K	6 500						
F112	100W THOR IP65 Coastal Heavy Duty Floodlight 6000K	13 000						
F113	100W THOR IP65 Coastal Heavy Duty Floodlight 4000K	13 000						
F114	100W THOR IP65 Coastal Heavy Duty Floodlight 3000K	13 000						
F116	150W THOR IP65 Coastal Heavy Duty Floodlight 6000K	19 500						
F115	200W THOR IP65 Coastal Heavy Duty Floodlight 6000K	26 000						
F117	200W THOR IP65 Coastal Heavy Duty Floodlight 4000K	26 000						
F118	500W THOR IP65 Coastal Heavy Duty Floodlight 6000K	75 000						
F025D	Pole Holder D84 Coastal HD 20-240W							

MODULAR FLOODLIGHT

Available in 120W, 240W, 480W & 960W

160 LUMEN PER WATT

10 kv SURGE PROTECTION

IP 65

5700K INDUSTRIAL SPEC

IK 10

PF ≥ 0.9

3G VIBRATION TEST

5 YEAR WARRANTY

Certificates: CE, EMC, IEC60958, RoHS, ISO9001

MW MEAN WELL

PHILIPS

*External 10kV Surge Protectors are included with all our Modular Floodlights from **July 2022** onwards.*

▶ **YouTube**

Scan to view our Modular Floodlights Product Breakdown.

Heavy Duty

POLE MOUNT BRACKET AVAILABLE

⌀84mm

FEATURES

- **Coastal Grade** 1100 coastal powder coated aluminium frame with 1060 pure aluminium radiating modules and hollowed out rivets serving as a heat sink.

- **316 3-part stainless steel bracket** designed to decrease installation time whilst preventing rust and corrosion.

- High Power **Philips 5050 SMD Chips** with an efficacy of 160lm/W.

- 20°/90°/140°x100° (asymmetrical beam angle) optics available. (Standard @ 90°).

- **270° rotatable bracket** with each module being able to tilt independently reducing light spillage.

- Built in **10kV surge protection** allowing for use within the most demanding environments.

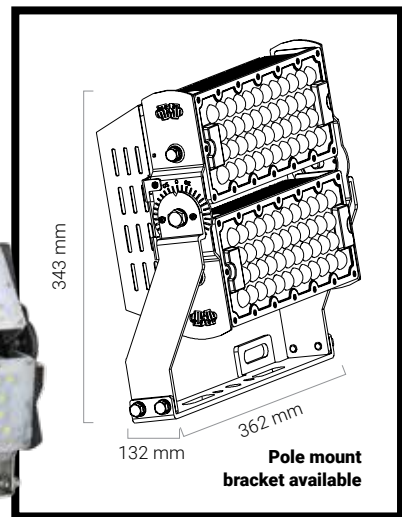- **Resistant to UV rays** with a wide operating temperature of -40°C to 50°C.
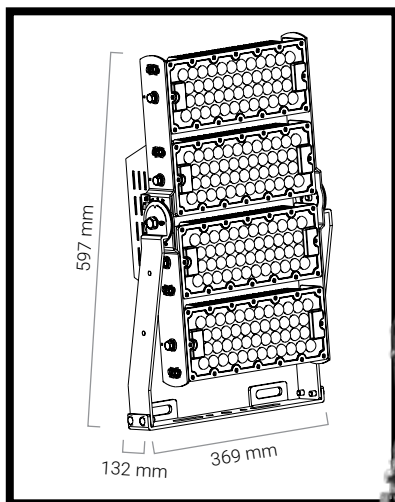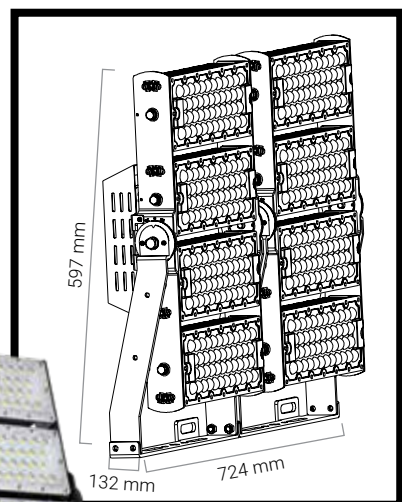
120W **5700K** INDUSTRIAL SPEC

212 mm
116 mm
310 mm

Pole mount bracket available

240W **5700K** INDUSTRIAL SPEC

343 mm
132 mm
362 mm

Pole mount bracket available
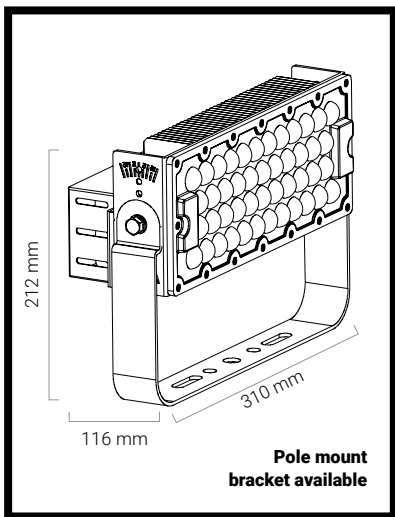
480W **5700K** INDUSTRIAL SPEC

597 mm
132 mm
369 mm

960W **5700K** INDUSTRIAL SPEC

597 mm
132 mm
724 mm

1250W **5700K** INDUSTRIAL SPEC

175 mm
625 mm
580 mm
815 mm
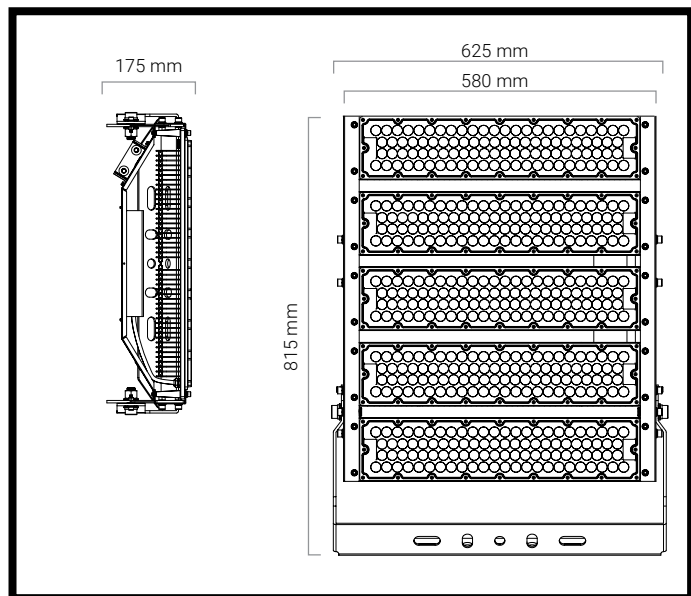
CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
F028	120W IP65 Adjustable Coastal Modular Floodlights 5700K	19 200		90°				
F029	240W IP65 Adjustable Coastal Modular Floodlights 5700K	38 400		90°				
F025	480W IP65 Adjustable Coastal Modular Floodlights 5700K	76 800	>83	90°	100V- 277V	Pure Alu	-40~50°C	Philips 5050
F026	480W IP65 Adjustable Coastal Modular Floodlights 5700K	76 800		20°				
F027	960W IP65 Adjustable Coastal Modular Floodlights 5700K	153 600		90°	MW MEAN WELL			
F033	1250W IP65 Adjustable Coastal Modular Floodlights 5700K	187 500		90°	INVENTRONICS Driver			
F025A	20° lens							
F025B	140*100° lens							
F027A	Screws Kit - 960W HD Floodlight Kit							
F027B	4.5mm 316 Stainless Steel							
F030A	20° lens for F033							
F030B	Barrier for F033							
F033D	DMX Adaptor for DMX Ready Driver (SQ)							
R102	IP65 10kV Surge Protection 5Amp							
R104	IP65 10kV Surge Protection 6 wire Surge Protector 8Amp							

COMBAT
FLOODLIGHT

Available in 7W, 10W, 50W, 20W, 30W, 50W, 100W & 200W

3kv SURGE PROTECTION | IP 65 | IK 07 | PF >0.9 | DRIVERLESS TECHNOLOGY | 1 YEAR WARRANTY
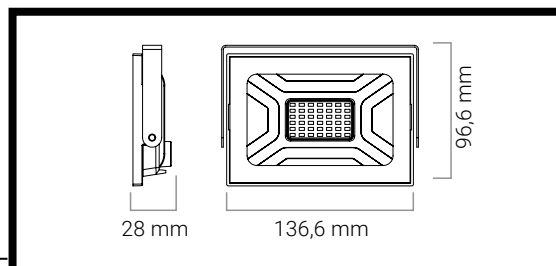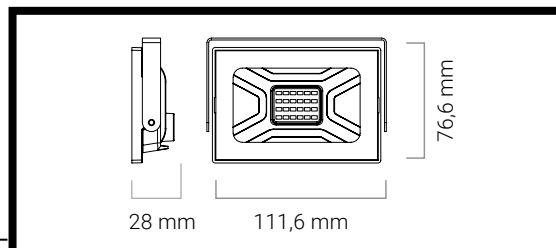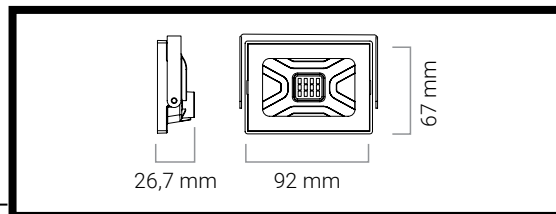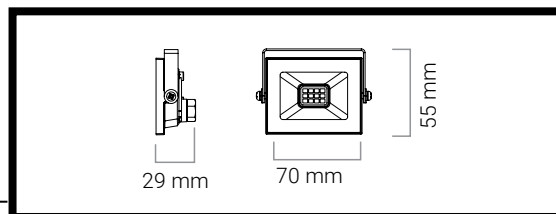
Certificates: CE, EMC, IEC60598

FEATURES

- Die-Cast Aluminium housing with **dynamic fins** providing as an efficient and effective heatsink.

- **Driver on Board** Technology allowing for a super compact, unobtrusive LED Floodlight.

- **50cm pre wired cable** allowing for fast and easy installations.

- Pre-Installed **Safety Clips** protecting the LED Floodlights lens.

- **2835 Sanán LED Chips** producing a CRI>83.

- **120° Wide Beam** Angle allowing for maximum coverage and uniformity.

- **3kV Surge protection,** designed for use specifically in the South African Market.

7W

6000K CW
4000K NW
3000K WW

55 mm
29 mm
70 mm

10W

3000K (WW)
6000K (CW)

67 mm
26,7 mm
92 mm

20W

3000K (WW)
6000K (CW)

76,6 mm
28 mm
111,6 mm

30W

3000K (WW)
6000K (CW)

96,6 mm
28 mm
136,6 mm

50W

3000K (WW)
6000K (CW)

133,7 mm
27,85 mm
188,7 mm

100W

6000K (CW)

190,6 mm
31,2 mm
270,6 mm

200W

6000K (CW)

257 mm
36 mm
352 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
F321	7W Mini IP65 Combat LED Floodlight 6000K	560						
F322	7W Mini IP65 Combat LED Floodlight 4000K	560						
F323	7W Mini IP65 Combat LED Floodlight 3000K	560						
F324	10W IP65 Combat LED Floodlights 6000K	800						
F326	10W IP65 Combat LED Floodlights 3000K	800						
F327	20W IP65 Combat LED Floodlights 6000K	1 600	>83	120°	200V- 260V	Die-Cast Alu	-35~45°C	2835 Sanan
F329	20W IP65 Combat LED Floodlights 3000K	1 600						
F330	30W IP65 Combat LED Floodlights 6000K	2 400						
F332	30W IP65 Combat LED Floodlights 3000K	2 400						
F333	50W IP65 Combat LED Floodlights 6000K	4 000						
F336	100W IP65 Combat LED Floodlights 6000K	8 000						
F339	200W IP65 Combat LED Floodlights 6000K	16 000						
R102	IP65 10kV Surge Protection 5Amp							

C O M B A T
LED RGB
FLOODLIGHT

Available in 20W & 50W

3 kv SURGE PROTECTION

IP 65

RGB

IK 07

PF > 0.9

1 YEAR WARRANTY

Certificates: CE, EMC, IEC60598

REMOTE CONTROL

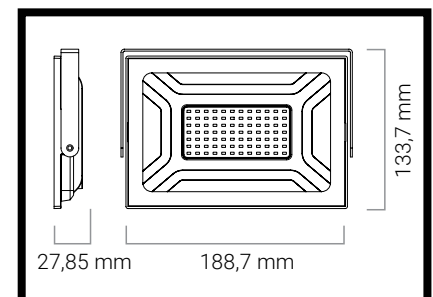**20W**

76,6 mm

28 mm | 111,6 mm

50W

133,7 mm

27,85 mm | 188,7 mm
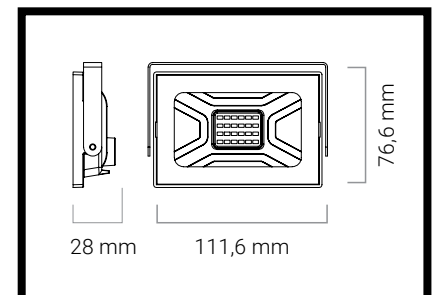
FEATURES

- RGB LED Floodlight controllable via **IR Remote Control.**

- Ultra Slim **Die-Cast Aluminium housing** with DOB tech allowing for a robust floodlight.

- Available in wattages of **20W & 50W** with a rated lifespan of 25 000hrs.

- Wide input voltage range from 200V-265V with a built in **3kV surge protection.**

- Environmentally friendly containing no mercury, lead or other harmful substances.

- **50cm pre wired cable** allowing for fast and easy installations.

CODE	DESCRIPTION	BEAM	HOUSING	INPUT VOLTAGE	OPERATING TEMP	LED CHIPS
F327RGB	20W Combat LED RGB Remote Floodlight	120°	Alu	200V- 260V	-35~45°C	SMD 2835
F333RGB	50W Combat LED RGB Remote Floodlight					
R102	IP65 10kV Surge Protection 5Amp					

COMBAT
SENSOR
FLOODLIGHT

Available in 10W, 20W, 30W & 50W

3kv SURGE PROTECTION | **IP 65** | **6000K (CW)** | **IK 07** | **PF >0.9** | **1 YEAR WARRANTY**

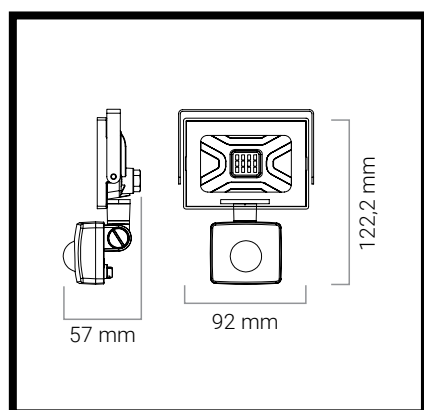*Certificates: CE, EMC, IEC60598*

FEATURES

• Die-Cast Aluminium housing with **dynamic fins** providing as an efficient and effective heatsink.

• **Driver on Board** Technology allowing for a super compact, unobtrusive LED Floodlight.

• **50cm pre wired cable** allowing for fast and easy installations.

• Pre-Installed **Safety Clips** protecting the LED Floodlights lens.

• **2835 Sanán LED Chips** producing a CRI>83.

• **120° Wide Beam** Angle allowing for maximum coverage and uniformity.

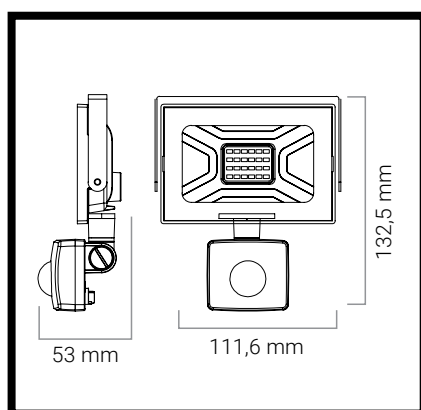• **3kV Surge protection,** designed for use specifically in the South African Market.
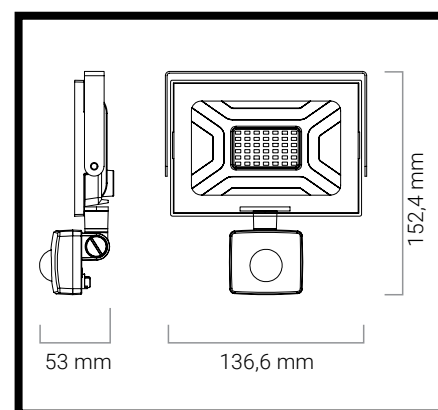
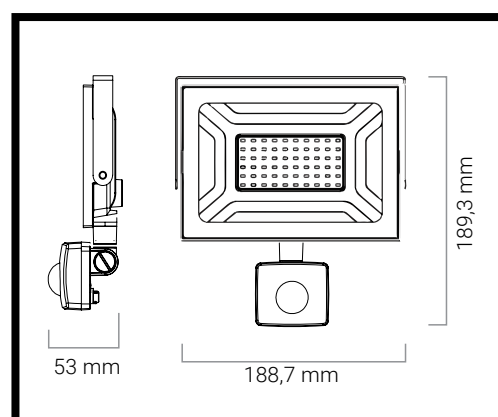| 10W SENSOR | 6000K (CW) |

| 20W SENSOR | 6000K (CW) |

| 30W SENSOR | 6000K (CW) |

122,2 mm
57 mm
92 mm

132,5 mm
53 mm
111,6 mm

152,4 mm
53 mm
136,6 mm

| 50W | 6000K (CW) |

189,3 mm
53 mm
188,7 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
F324S	10W IP65 Combat LED Floodlights 6000K Sensor	800	>83	120°	200V- 260V	Die-Cast Alu	-35~45°C	2835 Sanan
F327S	20W IP65 Combat LED Floodlights 6000K Sensor	1 600						
F330S	30W IP65 Combat LED Floodlights 6000K Sensor	2 400						
F333S	50W IP65 Combat LED Floodlights 6000K Sensor	4 000						

PATROL
DAY & NIGHT
SENSOR
FLOODLIGHT

Available in 20W, 30W, 50W

90 LUMEN PER WATT

3-4 kV SURGE PROTECTION

6000K 4000K 3000K
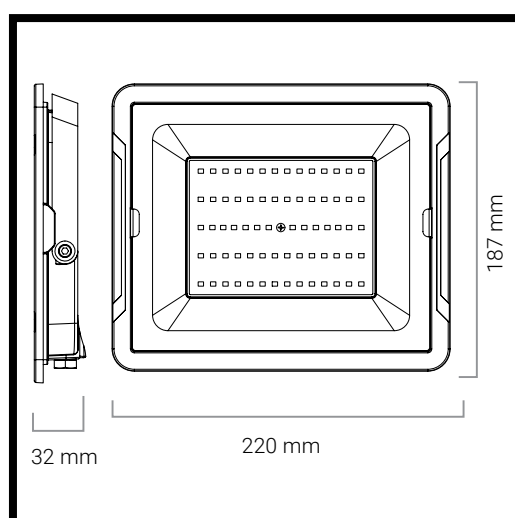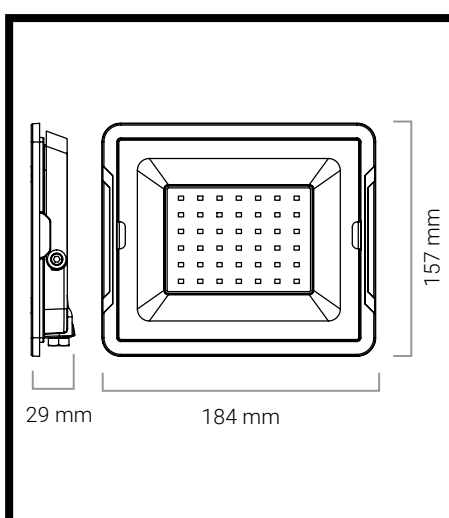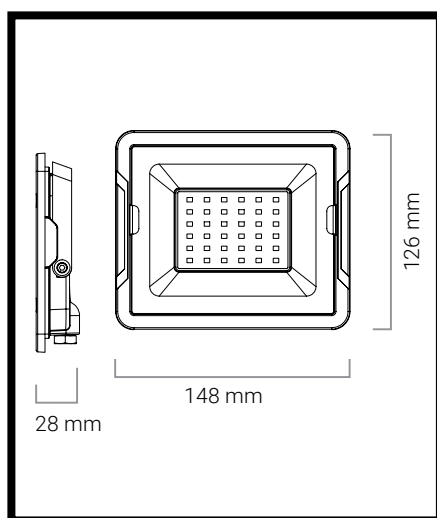
PF > 0.9

2 YEAR WARRANTY
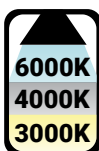
Certificates: CE, EMC, IEC60598

FEATURES

- LED floodlight with built in **Day/Night Sensor** (Turns on/off @ 10lux) for hassle free illumination.
- **DOB technology** for a sleek and compact LED floodlight.
- Built in **Breather Gland** to remove excess moisture caused by condensation.

- **Wide, 120° beam** angle for maximum coverage and uniformity.
- **1m extra length installation cable** for a quick and hassle-free installation
- Robust luminaire with a **3kV built in Surge Protection.**
- Ideal for day to day residential usage.

- Environmentally friendly containing no mercury, lead or other harmful substances.

| 20W | 6000K 4000K 3000K | 3 kv SURGE PROTECTION |

| 30W | 6000K 4000K 3000K | 3 kv SURGE PROTECTION |

| 50W | 6000K 4000K 3000K | 4 kv SURGE PROTECTION |

126 mm
148 mm
28 mm

157 mm
184 mm
29 mm

187 mm
220 mm
32 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
F504	20W Patrol Day&Night Sensor Floodlight 6000K	1 800						
F505	20W Patrol Day&Night Sensor Floodlight 4000K	1 800						
F506	20W Patrol Day&Night Sensor Floodlight 3000K	1 800						
F507	30W Patrol Day&Night Sensor Floodlight 6000K	2 700						
F508	30W Patrol Day&Night Sensor Floodlight 4000K	2 700	>83	120°	200V- 260V	Die-Cast Alu	-35~45°C	Sanan 2835
F509	30W Patrol Day&Night Sensor Floodlight 3000K	2 700						
F510	50W Patrol Day&Night Sensor Floodlight 6000K	4 500						
F511	50W Patrol Day&Night Sensor Floodlight 4000K	4 500						
F512	50W Patrol Day&Night Sensor Floodlight 3000K	4 500						
R102	IP65 10kV Surge Protection 5Amp							

NANO FLOODLIGHT

Available in 10W, 300W, 500W

3-10 kV SURGE PROTECTION

IP 65

IK 07

PF >0.9

2 YEAR WARRANTY

Certificates: CE, EMC, IEC60598

GARDEN SPIKE AVAILABLE FOR 10W
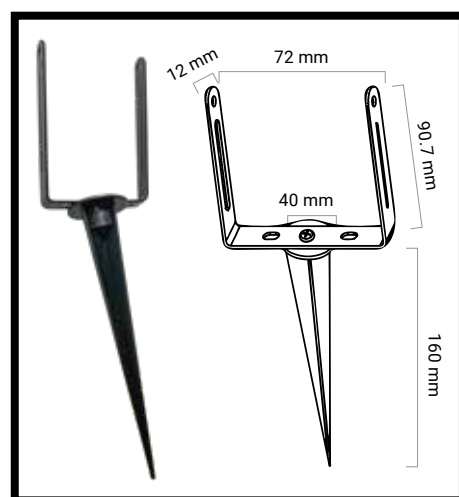
12 mm
72 mm
90.7 mm
40 mm
160 mm

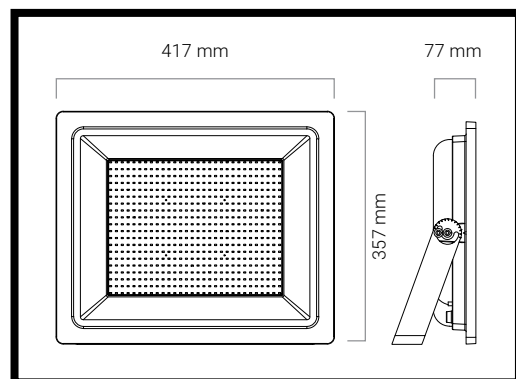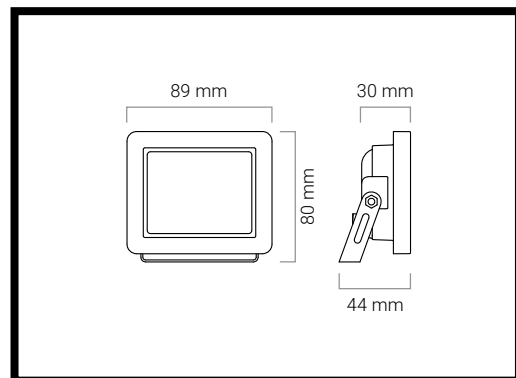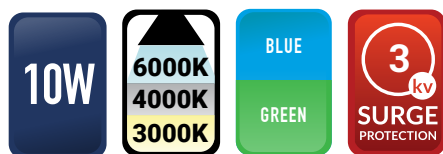## FEATURES

- **Driver on board** technology allowing for an ultra-lightweight, compact design with minimal aesthetic impact.

- Thermally tested **aluminium fins** providing as a heat sink.

- **Die Cast Aluminium** body, powder coated black with 316 Stainless Steel bolts and screws.

- All our Nano Range LED Floods come complete with a **1m installation cable.**

- **DC12V** Nano flood available in 10W.

- Garden Spike optional for 10W.

- Save up to 80% off your electrical bill as oppose to your HID lamps.

- Increase your safety with it's excellent **light output** and clarity.

- Easy to install **20° smart bracket.**

- Available in 10W/300W/500W. 20-200W are available in Nano EVO
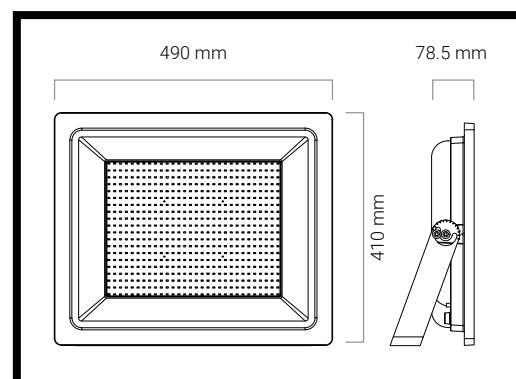
10W

6000K
4000K
3000K

BLUE
GREEN

3 kv SURGE PROTECTION

89 mm
30 mm
80 mm
44 mm

300W

6000K (CW)

10 kv SURGE PROTECTION

417 mm
77 mm
357 mm

500W

6000K (CW)

10 kv SURGE PROTECTION

490 mm
78.5 mm
410 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
F401	10W IP65 Nano LED Floodlight 6000K	750						
F402	10W IP65 Nano LED Floodlight 4000K	750						
F403	10W IP65 Nano LED Floodlight 3000K	750						
F419	300W IP65 Nano LED Floodlight 6000K	27 000	>83	120°	200V- 260V	Die-Cast Alu	-35~45°C	2835 Sanan
F425	500W IP65 Nano LED Floodlight 6000K	45 000						
F401DC	10W IP65 Nano LED Floodlight 6000K 12V	750						
F421B	10W IP65 Nano LED Floodlight Blue							
F422G	10W IP65 Nano LED Floodlight Green							
RF001	Garden Spike and bracket for 10W Nano Flood							
R102	IP65 10kV Surge Protection 5Amp							

NANO EVO FLOODLIGHT

Available in 20W, 30W, 50W, 100W & 200W

100 LUMEN PER WATT

3-4 kV SURGE PROTECTION

IP 65

PF > 0.9
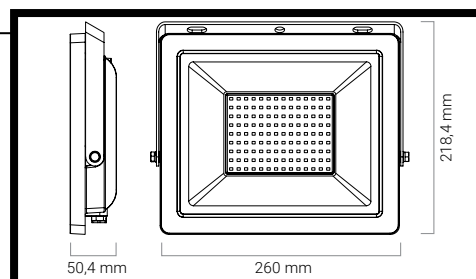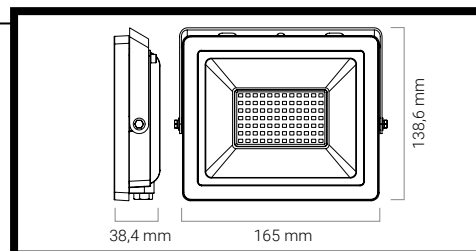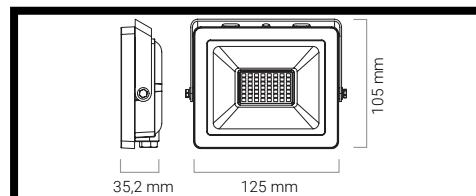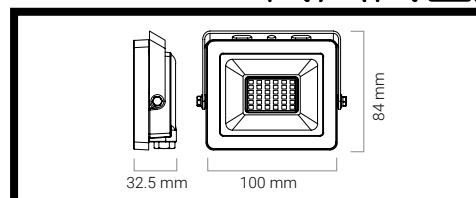
2 YEAR WARRANTY

Certificates: CE, EMC, ErP, IEC60598

FEATURES

- **Driver on board** technology allowing for an ultra-lightweight, compact design with minimal aesthetic impact.

- Thermally tested **aluminium fins** providing as a heat sink.

- **Die Cast Aluminium** body, powder coated black with 316 Stainless Steel bolts and screws.

- All our Nano EVO Range LED Floods come complete with a **1m installation cable.**

- **DC12V** Nano flood available in 20W

- Save up to 80% off your electrical bill as oppose to your HID lamps.

- Increase your safety with it's excellent **light output** and clarity.

- Easy to install **20° smart bracket.**

- Available in 20W-200W. 10W/300W/500W are available in Nano range.
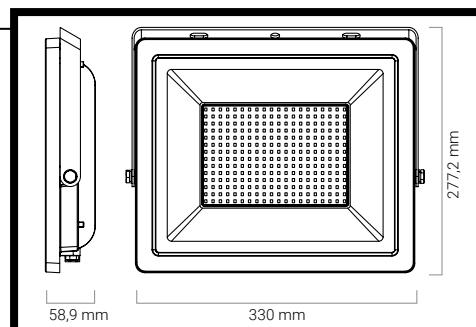
20W — 6000K CW / 4000K NW / 3000K WW — 3kv SURGE PROTECTION

Dimensions: 32.5 mm / 100 mm / 84 mm

30W — 6000K CW / 4000K NW / 3000K WW — 3kv SURGE PROTECTION

Dimensions: 35,2 mm / 125 mm / 105 mm

50W — 6000K CW / 4000K NW / 3000K WW — BLUE / GREEN — 4kv SURGE PROTECTION

Dimensions: 38,4 mm / 165 mm / 138,6 mm

100W — 3000K (WW) / 6000K (CW) — 4kv SURGE PROTECTION

Dimensions: 50,4 mm / 260 mm / 218,4 mm

200W — 6000K (CW) — 4kv SURGE PROTECTION

Dimensions: 58,9 mm / 330 mm / 277,2 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
F4042	20W IP65 Nano EVO LED Floodlight 6000K	2 000						
F4052	20W IP65 Nano EVO LED Floodlight 4000K	2 000						
F4062	20W IP65 Nano EVO LED Floodlight 3000K	2 000						
F4072	30W IP65 Nano EVO LED Floodlight 6000K	3 000						
F4082	30W IP65 Nano EVO LED Floodlight 4000K	3 000						
F4092	30W IP65 Nano EVO LED Floodlight 3000K	3 000						
F4102	50W IP65 Nano EVO LED Floodlight 6000K	5 000	>83	120°	200V- 260V	Die-Cast Alu	-35~45°C	2835 Sanan
F4112	50W IP65 Nano EVO LED Floodlight 4000K	5 000						
F4122	50W IP65 Nano EVO LED Floodlight 3000K	5 000						
F4132	100W IP65 Nano EVO LED Floodlight 6000K	10 000						
F4152	100W IP65 Nano EVO LED Floodlight 3000K	10 000						
F4162	200W IP65 Nano EVO LED Floodlight 6000K	20 000						
F4022DC	20W IP65 Nano EVO LED Floodlight 6000K 12V	2 000						
F4272B	50W IP65 Nano EVO LED Floodlight Blue							
F4282G	50W IP65 Nano EVO LED Floodlight Green							

NANO EVO SENSOR FLOODLIGHT

Available in 10W, 20W, 30W & 50W

3-4 kV SURGE PROTECTION

IP 65/44

6000K (CW)

IK 07

PF >0.9

2 YEAR WARRANTY

Certificates: CE, EMC, ErP, IEC60598

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
F401S	Sensor 10W IP65 Nano LED Floodlights 6000K	750	>83	120°	200V- 260V	Die-Cast Alu	-35~45°C	2835 Sanan
F4022S	Sensor 20W IP65 Nano EVO LED Floodlights 6000K	2 000						
F4072S	Sensor 30W IP65 Nano EVO LED Floodlights 6000K	3 000						
F4102S	Sensor 50W IP65 Nano EVO LED Floodlights 6000K	5 000						

NANO

10W

6000K (CW)

3 kv SURGE PROTECTION

89 mm
30 mm
75 mm
56 mm
50 mm
51 mm
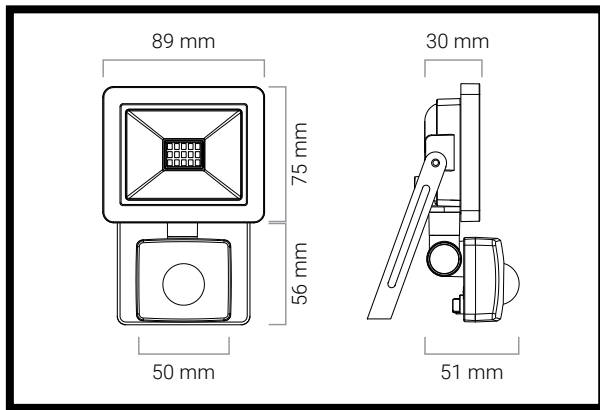
NANO

20W

6000K (CW)

3 kv SURGE PROTECTION

100 mm
137,5 mm
52,4 mm
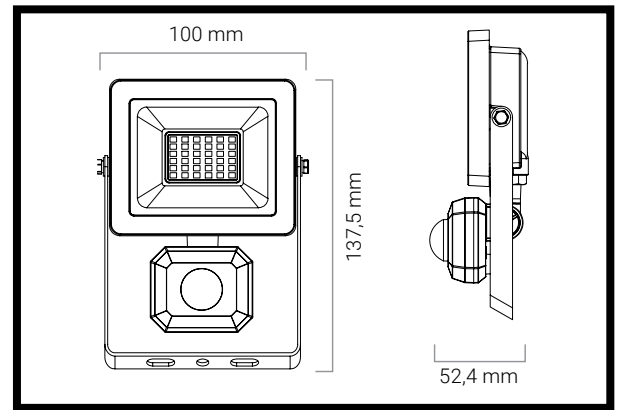
NANO

30W

6000K (CW)

3 kv SURGE PROTECTION

125 mm
157,8 mm
55,4 mm
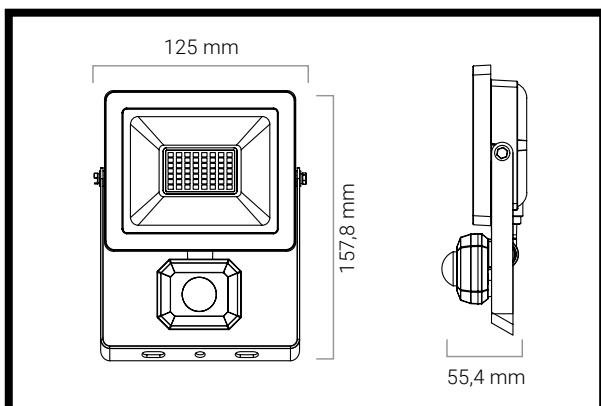
NANO

50W

6000K (CW)

4 kv SURGE PROTECTION

165 mm
189,7 mm
57,9mm
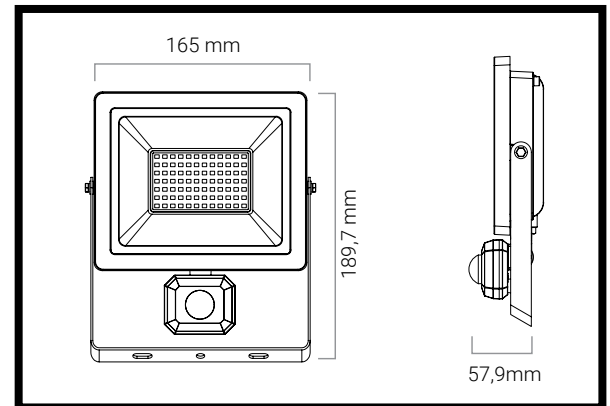
STRADA STREET LIGHT

Available in 60W & 100W

150 LUMEN PER WATT

10 kv SURGE PROTECTION

IP 66

IK 08

PF > 0.9

5 YEAR WARRANTY

L80BIO 50000 hrs

▶ YouTube
Scan to view our Strada Street Light Product Breakdown.

Certificates: CE, EMC, IEC60598, ErP

60W
440 mm
195 mm
165 mm

100W
550 mm
245 mm
172 mm
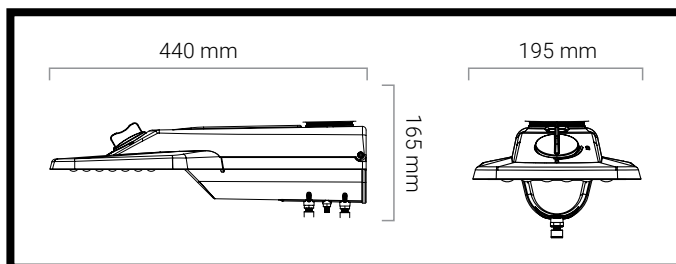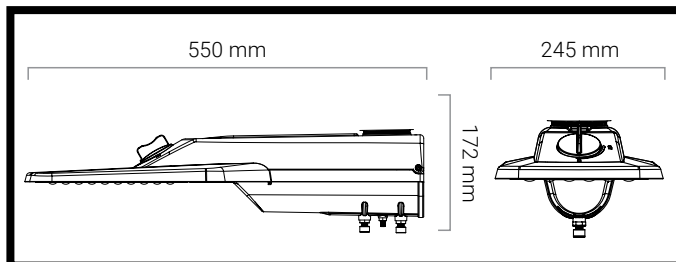
Type II - M/S

FEATURES

- Highly Durable LED Street Light constructed with a **Die-Cast aluminium** housing & **PC Lens**.

- Philips 3030 LED delivering an effective 150lm/W with a rated lifespan of **L80B10 @ 50 000hrs**.

- **Type II-S beam angle** preventing unnecessary backward **light pollution**.

- Wide input Voltage range 100V-277V with a **10kV (replaceable) built in surge protection** allowing for maximum durability and robustness over the LED Luminaires lifespan.

- Wide operating temperature range of -25°~50°.

- **Pole Mount adaptor** allowing for installations on poles from **D76-84mm**.

- **IP66 rated** luminaire with a CRI>83 for improved clarity & colour rendering.

CODE	DESCRIPTION	LUMEN OUTPUT	BEAM	HOUSING	INPUT VOLTAGE	OPERATING TEMP	LED CHIPS
HS001	60W STRADA IP66 Street 5700K	9 000					
HS002	60W STRADA IP66 Street 4000K	9 000					
HS004	100W STRADA IP66 Street 5700K	15 000	11-S	Pure Alu + PC Lens	100V-277V	-25~50°C	Philips 3030
HS005	100W STRADA IP66 Street 4000K	15 000					
HS016	76-84mm STRADA Adaptor						

ORBIT POST TOP LAMP

orbit
LED POST TOP LIGHT

Available in 60W & 120W

SWITCHABLE DAY/NIGHT SENSOR INCLUDED

3CCT Dipswitch

Day/Night Sensor

130 LUMEN PER WATT

10 kv SURGE PROTECTION

IP 65

IK 08

3CCT THREE COLOUR IN ONE

PF >0.9

5 YEAR WARRANTY

Certificates: CE, EMC, IEC60598

60W

58 mm | 11 mm | 31 mm | 177 mm
M8 Screws
78 mm Inner Diameter
Ø316 | Ø170 | Ø130

120W

61 mm | 11 mm | 40 mm | 193 mm
M8 Screws
78 mm Inner Diameter
Ø420 | Ø260 | Ø186
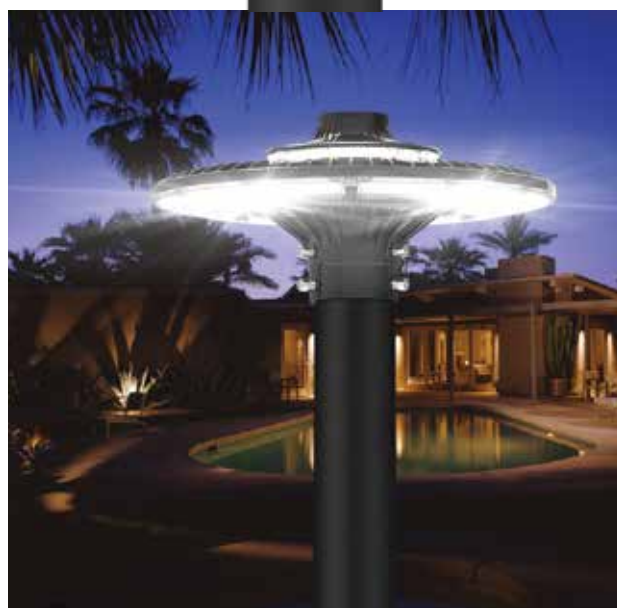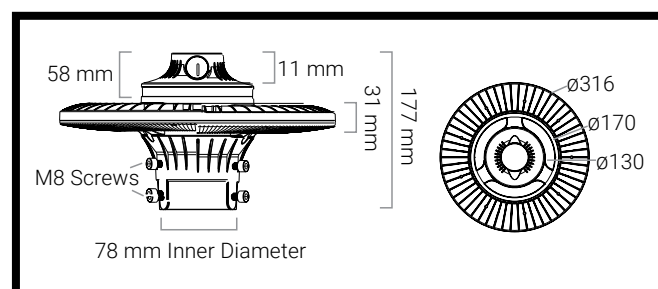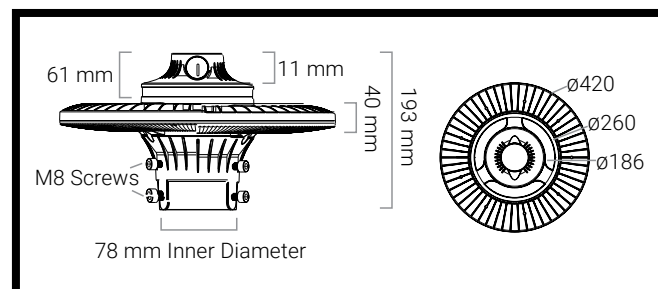
FEATURES

- **Built in Day/Night Sensor** with a removable cap should you require day/night sensor application.

- 5 year Warranty Post Top LED Light with a built in **3CCT (3000K/4000K/6000K)** function.

- Epistar 2835 SMD LED Chips with an effective lumen output of 130lm/w.

- **Commercial Grade Materials** including built in 10kV Surge Protection and an IK rating of IK08.

- Quick and easy installation as the luminaire mounts directly on top of a **D76mm Pole**.

- 120° beam angle providing ample coverage whilst minimizing unnecessary **light wastage**.

- **IP65 rated** luminaire with a **Pure Alumimium** Housing and a **PC Lens**.

CODE	DESCRIPTION	LUMEN OUTPUT	BEAM	HOUSING	INPUT VOLTAGE	OPERATING TEMP	LED CHIPS
HP001	60W 3CCT ORBIT IP65 Post Top	7 800	120°	Pure Alu + PC Lens	100V- 277V	-40~40°C	Epistar 2835
HP004	120W 3CCT ORBIT IP65 Post Top	15 600					

BACK-LIT LED PANELS

Available in 600X600, 1200X600 & 1200X300

100 LUMEN PER WATT

2 kv SURGE PROTECTION

IP 40

3CCT THREE COLOUR IN ONE

L80BIO 50000 hrs

DIM

PF 0.9

FLICKER FREE

5 YEAR WARRANTY

3/4000K 5000K 6000K

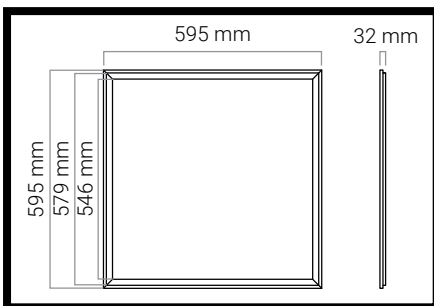*Certificates: IEC60598, TUV, CE, EMC, LVD, SAA, RoHS, SO9001*

FEATURES

- Backlit LED Panel providing continuous lighting **without the flickering** commonly found in fluorescent variants.

- Lightweight construction allowing for a quick and easy **one-man installation.**

- Fits into standard 600 x 600 / 1200 x 600 ceiling tiles adding to the quick installation.

- Backlit LED Technology **evenly diffuses** the 2835 SMD LED Chips without creating any darkspots.

- **High PF>0.9** External LED Driver with a wide Voltage range of 185-277V.

- Our Backlit Panels will **not yellow or discolour** after extended usage.

- 120° wide beam angle allowing for maximum surface area coverage whilst delivering over **100lm/W.**

- **Dimmable/Dali** optional.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
iB101	40W Backlit LED 600X600 Panel Light 6000K	4 000						
iB102	40W Backlit LED 600X600 Panel Light 4000K	4 000						
iB103	40W Backlit LED 600X600 Panel Light 3CCT (4K,5K,6K)	4 000						
iB108	40W Backlit LED 600X600 Panel Light 3CCT (3K,4K,6K)	4 000						
iB104	60W Backlit LED 600X1200 Panel Light 6000K	6 000						
iB105	60W Backlit LED 600X1200 Panel Light 4000K	6 000	>83	120°	185V- 277V	Alu	-20~40°C	2835 Sanan
iB106	60W Backlit LED 600X1200 Panel Light 3CCT (4K,5K,6K)	6 000						
iB109	60W Backlit LED 600X1200 Panel Light 3CCT (3K,4K,6K)	6 000						
iB107	40W Backlit LED 1200X300 Panel Light 3CCT (4K,5K,6K)	4 000						
iB603	3x12 Back-Lit H65 Surface Mount Case							
iB606	6x6 Back-Lit H65 Surface Mount Case							
iB612	12x6 Back-Lit H65 Surface Mount Case							
R111	5Amp 3M Cordset							
R113	5Amp 2M Cordset							
i6061	6x6 hanging kit - 1M x 4							
i6121	6x12 hanging kit - 1M x 6							

Dimmable Driver Optional

600X600

40W **DIM** **3CCT THREE COLOUR IN ONE**

595 mm
595 mm 579 mm 546 mm
32 mm

ACCESSORIES

High Spec PioLED Driver

Surface Mount Aluminium Frames

1200X600

60W **DIM** **3CCT THREE COLOUR IN ONE**

Dimmable Driver Optional

1195 mm
595 mm 579 mm 546 mm
34 mm

1200X300

40W **DIM** **3CCT THREE COLOUR IN ONE**

Dimmable Driver Optional

295 mm 279 mm 246 mm
32 mm
1195 mm
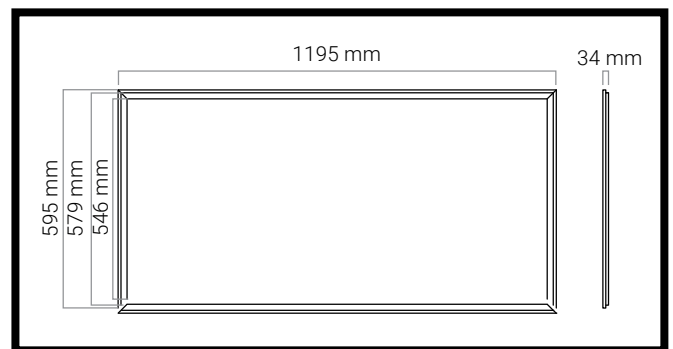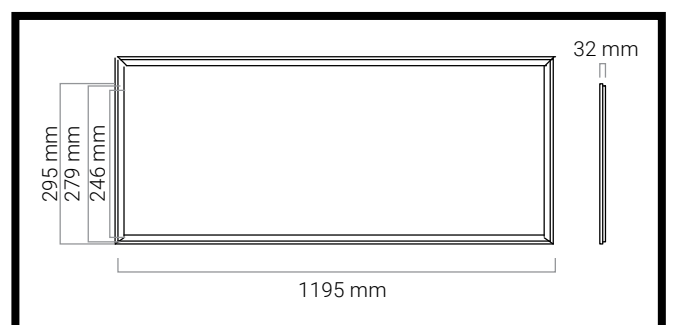
HERO ALL-IN-1 BULKHEAD

WITH 12W, 18W & 24W ALL IN ONE

Available in Square & Round

- 105 LUMEN PER WATT
- 1 kv SURGE PROTECTION
- IP 65
- IK 08
- 3CCT THREE COLOUR IN ONE
- FLICKER FREE
- 5 YEAR WARRANTY

*BATTERY BACKUP SUITABLE (Available Space = 150mm L x 40mm W x 30mm H)

Certificates: CE, ErP, IEC60598

FEATURES

- **Wattage and CCT Selectable** LED Bulkhead. Wattage can be selected via a **dipswitch(12/18/24W)** as well as the **colour temperature (3000K/4000K/6000K)**.

- 2835 Sanan SMD LED chips delivering an effective 105lm/W for a brighter experience.

- **Opal diffused LED cover** designed to produce more comfort whilst **reducing the glare** from the raw LEDs.

- **IK08 Impact Resistance** increasing the robustness of the luminaire.

- Contemporary & stylish **PC Coastal Grade** housing available in **Square and round with white or black trims**.

- **IP65 rated** luminaire ensuring ample protection from moisture when installed in outdoor applications.

- Eco-friendly alternative to HID lamps, containing no mercury, lead of other harmful chemicals.

HERO ⦾

280 mm

280 mm

70 mm

65 mm

280 mm

280 mm

Built in dipswitch for changing

COLOUR TEMP (All in one)
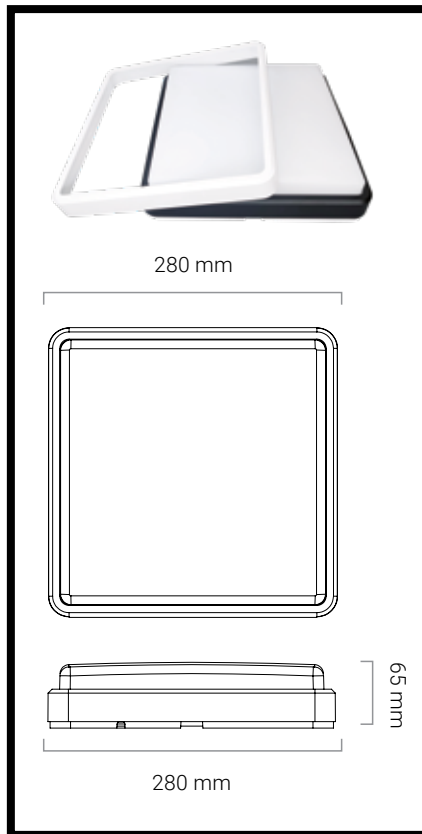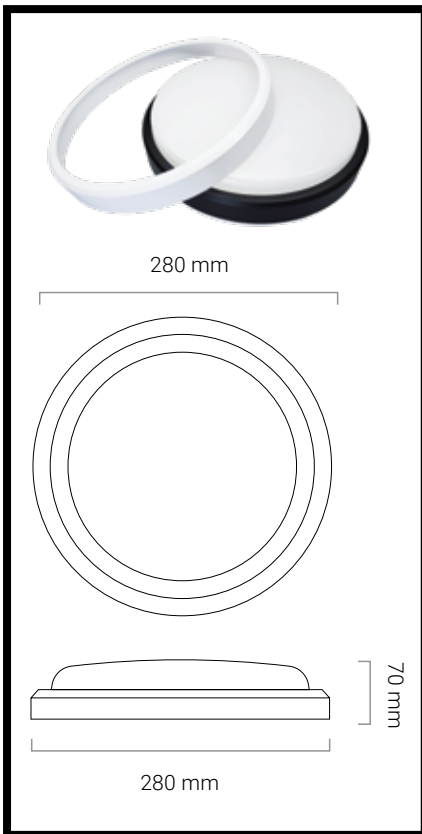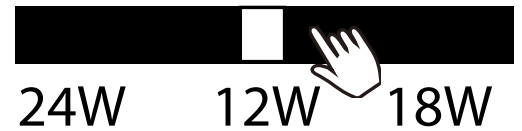
CW   NW   WW

WATTAGE (All in one)

24W   12W   18W

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
iC007	3CCT HERO IP65 LED Bulkhead Round White	105lm/w	>83	140°	185V- 265V	PC (280mm)	-20~45°C	Sanan 2835
iC008	3CCT HERO IP65 LED Bulkhead Square White							
iC009	3CCT HERO IP65 LED Bulkhead Round Black&White							
iC010	3CCT HERO IP65 LED Bulkhead Square Black&White							

LUNA 3CCT ROUND CEILING LIGHT

Available in 12W, 18W & 24W

1 kv SURGE PROTECTION

IP 33

3CCT THREE COLOUR IN ONE

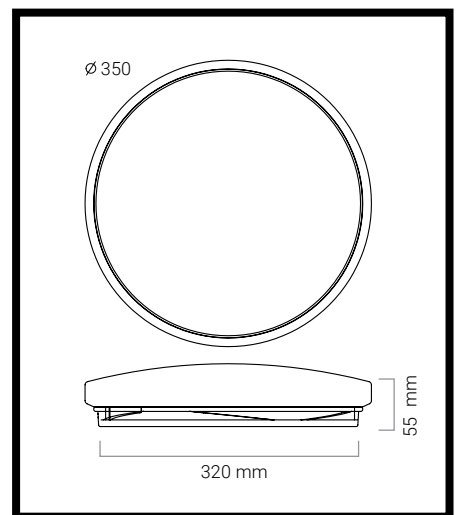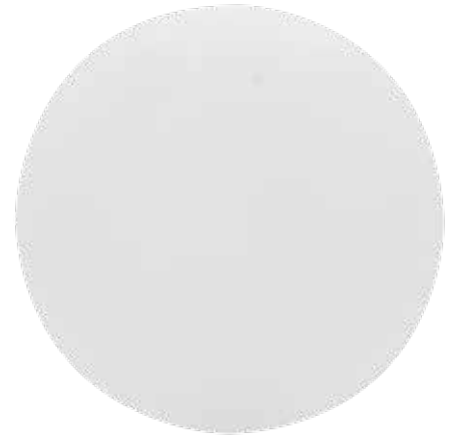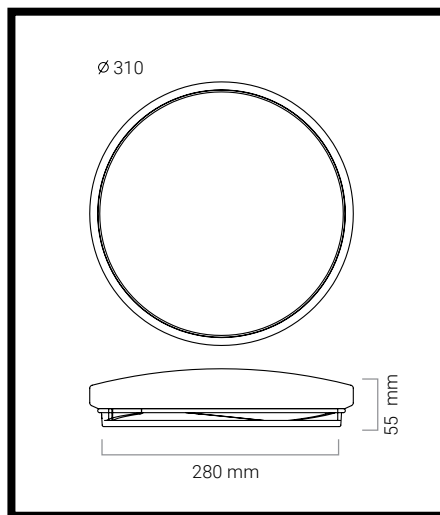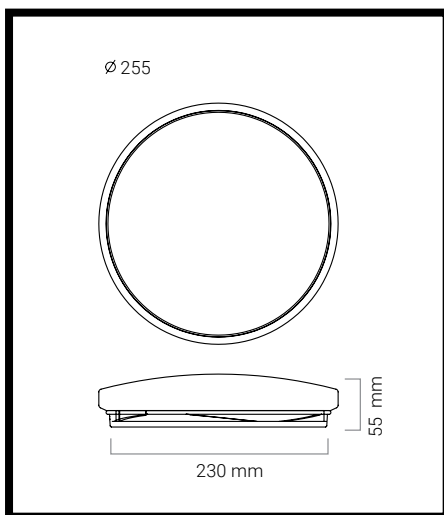**2 YEAR WARRANTY**
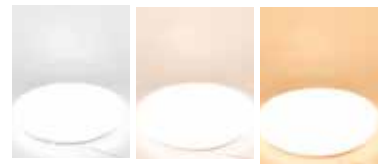
Certificates: CE, EMC, IEC60598
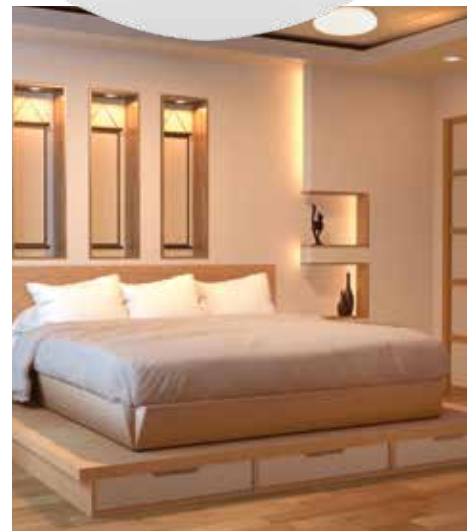
FEATURES

- IP33 Ceiling Light providing a durable, economic LED solution.

- Body consists of an **aluminium PCB**, **metal housing** and a **PMMA diffuser.**

- **120° Wide beam** angle ceiling light designed to cover large surface areas with maximum uniformity.

- Frosted diffuser creating a **soft uniform light distribution** eliminating any visuals of the raw SMD LED

- Built in **CCT Dipswitch** allowing seamless transitions between 3000K/4000K/6000K.

- The Ideal product for day to day, residential usage

- Environmentally friendly containing no mercury, lead or other harmful substances.

- The Ideal product for day to day, residential usage.

Built-in Dip-switch for CCT changing

(3 Colour temperatures in 1)

**3000K
4000K
6000K**

LUNA

| 12W | 3CCT THREE COLOUR IN ONE |

Ø 255

55 mm

230 mm

| 18W | 3CCT THREE COLOUR IN ONE |

Ø 310

55 mm

280 mm

| 24W | 3CCT THREE COLOUR IN ONE |

Ø 350

55 mm

320 mm

| CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
iC001	12W IP33 Luna 3CCT Round Ceiling Light 3CCT	1 000						
iC002	18W IP33 Luna 3CCT Round Ceiling Light 3CCT	1 500	>80	120°	180V- 265V	Alu PCB + Metal housing	-20~40°C	Sanan 2835
iC003	24W IP33 Luna 3CCT Round Ceiling Light 3CCT	2 000						

RECESSED ROUND CEILING LIGHT

PMMA

Available in 6W, 12W, 18W & 24W

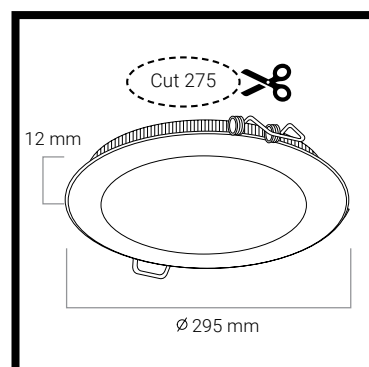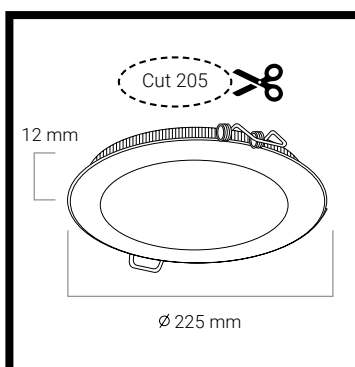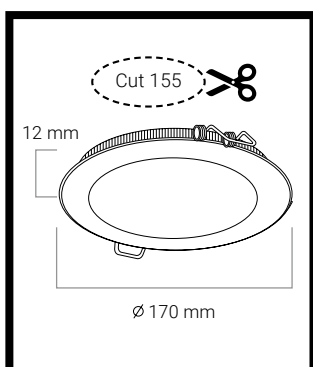1.5 kv SURGE PROTECTION | IP 40 | PF >0.9 | DIM | FLICKER FREE | 3 YEAR WARRANTY

Certificates: CE, EMC, IEC60598, TUV, LVD, SAA, RoHS, ISO9001
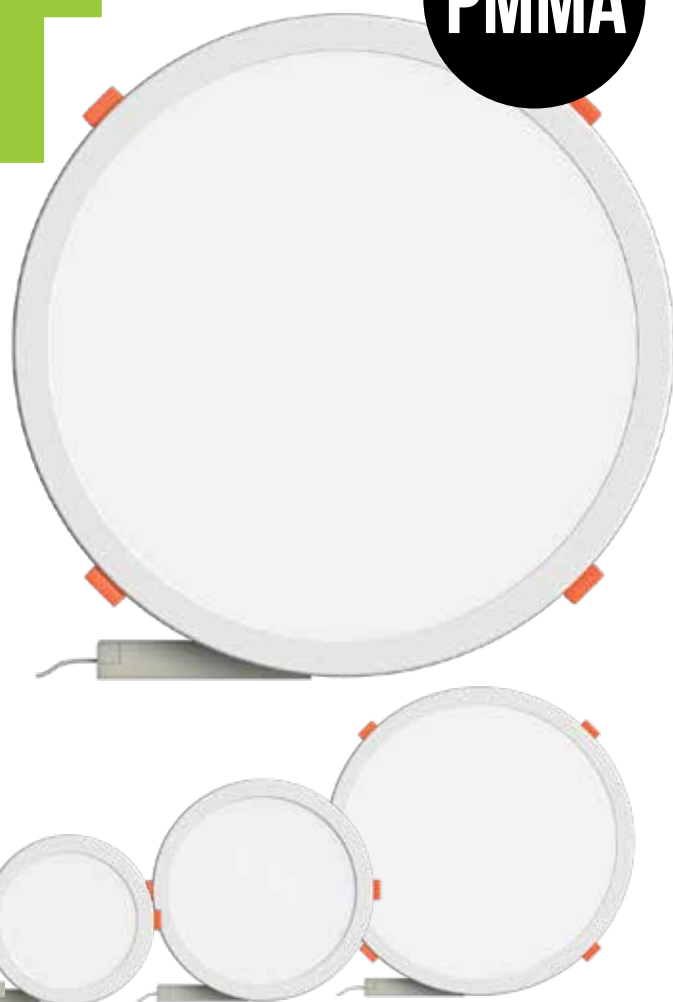
FEATURES

- **Ultra Slim** Maintenance Free LED Downlight.
- Frosted **Polycarbonate Diffuser** allowing for uniform light distribution.
- **Pure Aluminium** housing for excellent thermal management.
- **Dimmable / Dali** Optional.

- Available in 3000K/4000K/6000K.
- **Sanan SMD LED** Chips.
- Instant on **flicker free LED Driver.**
- Ideal for offices, hospitals, schools, corridors etc.
- High Power Factor, low THD driver.

- **1.5kV Built in Surge Protection.**
- Short Circuit Protection, Over Current Protection, Over Voltage Protection, Under Voltage Protection, Over Temperature Protection.
- **3mm PMMA Light Guide** preventing dark spots and yellowing through extended usage.

6W | DIM | 6000K 4000K 3000K

12W | DIM | 6000K 4000K 3000K

18W | DIM | 6000K 4000K 3000K

24W | DIM | 4000K (NW) 6000K (CW)

Cut 110 ✂
12 mm
Ø 120 mm

Cut 155 ✂
12 mm
Ø 170 mm

Cut 205 ✂
12 mm
Ø 225 mm

Cut 275 ✂
12 mm
Ø 295 mm
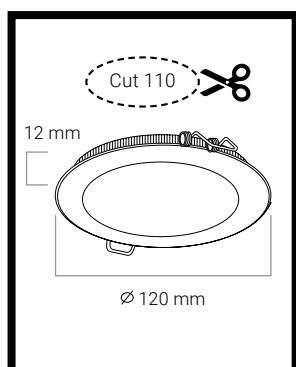
ACCESSORIES

High Spec PioLED Driver

Dimmable Driver Optional

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
i003	6W LED Round Recessed Panel Light 6000K	460						
i004	6W LED Round Recessed Panel Light 4000K	460						
i005	6W LED Round Recessed Panel Light 3000K	460						
i006	12W LED Round Recessed Panel Light 6000K	1 080						
i007	12W LED Round Recessed Panel Light 4000K	1 080	>83	120°	185V- 277V	Alu	-20~45°C	2835 Sanan
i008	12W LED Round Recessed Panel Light 3000K	1 080						
i009	18W LED Round Recessed Panel Light 6000K	1 710						
i010	18W LED Round Recessed Panel Light 4000K	1 710						
i011	18W LED Round Recessed Panel Light 3000K	1 710						
i012	24W LED Round Recessed Panel Light 6000K	2 300						
i013	24W LED Round Recessed Panel Light 4000K	2 300						
i003Di	6W Dimmable Driver for Round Recessed Panel							
i006Di	12W Dimmable Driver for Round Recessed Panel							
i009Di	18W Dimmable Driver for Round Recessed Panel							
i012Di	24W Dimmable Driver for Round Recessed Panel							

IRIS 2 IN 1 ROUND CEILING LIGHT

Available in 6W, 12W, 18W & 24W

1 kv SURGE PROTECTION

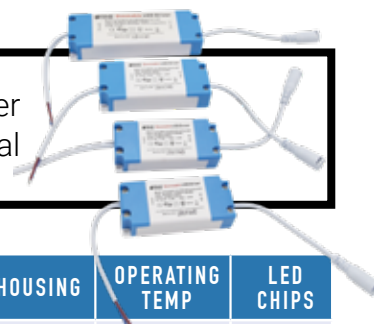3CCT THREE COLOUR IN ONE

IP33 Indoor

DIM

FLICKER FREE

3 YEAR WARRANTY

Certificates: CE, EMC, IEC60598, TUV, LVD, SAA, RoHS, ISO9001

▶ YouTube

Scan to view our IRIS Installation video.

*Recessed And Surface Mount All In 1

FEATURES

- **Thermal Plastic** housing coupled with internal aluminium providing as the heat sink.
- **Driver on board** technology allowing for an ultra slim aesthetically pleasing luminaire at only **15 mm** thick.

- **Surface mount** or **Recessed mount** with its uniquely adjustable clips – Can cover square or round existing ceiling holes.
- **Flicker Free** technology making it the ideal luminaire for offices or specialized environments.

- Matt Black or Satin Nickle Magnetic Trims optional.
- **CCT Adjustable** and **dimmable** options available.
- Extremely **quick installation.**

6W

3CCT THREE COLOUR IN ONE

DIM

6000K 4000K 3000K

Cut 55-100 ✂

15 mm ± 0.5

Ø 139.2 ±0.5 Ø 96.2 ±0.5 Ø 55-100

12W

3CCT THREE COLOUR IN ONE

DIM

6000K 4000K 3000K

Cut 55-125 ✂

15 mm ± 0.5

Ø 164.2 ±0.5 Ø 121.5 ±0.5 Ø 55-125

18W

3CCT THREE COLOUR IN ONE

DIM

6000K 4000K 3000K

Cut 55-175 ✂

15 mm ± 0.5

Ø 216 ±0.5 Ø 174 ±0.5 Ø 55-175

24W

3CCT THREE COLOUR IN ONE

DIM

6000K 4000K 3000K

Cut 55-250 ✂

15 mm ± 0.5

Ø 291.6 ±0.5 Ø 248.8 ±0.5 Ø 55-250
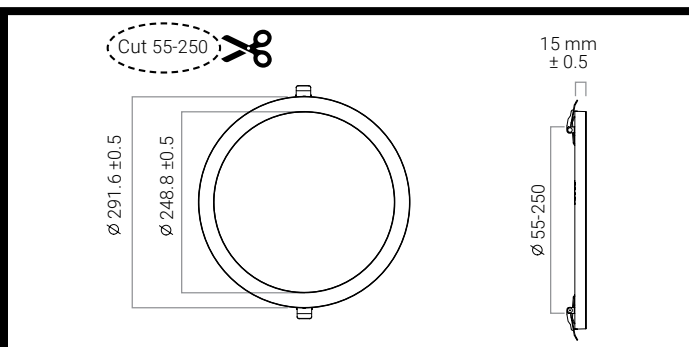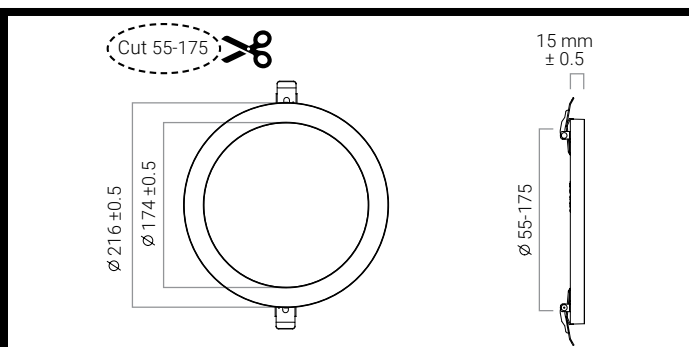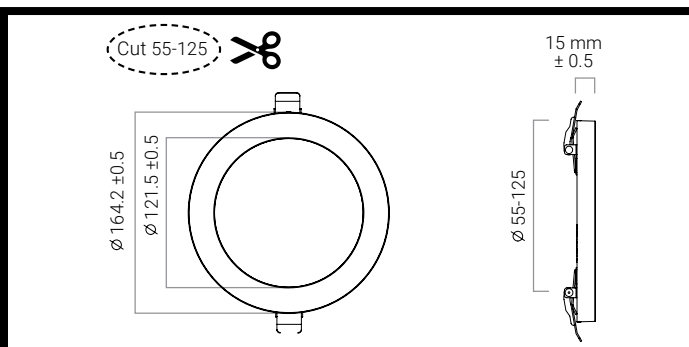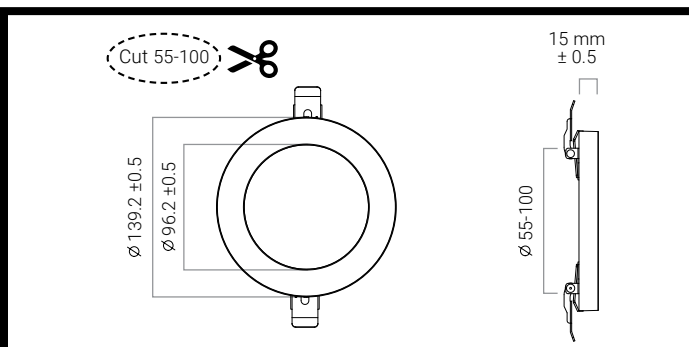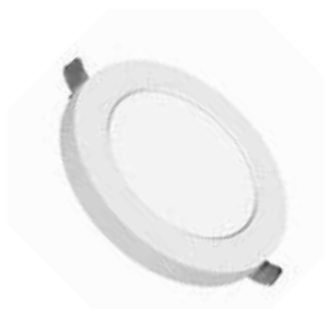
*3CCT Switch for Dim IRIS

*Only 15mm thick
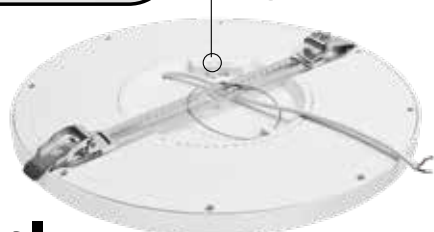
ACCESSORIES

MATT BLACK
Available for 6W, 12W, 18W and 24W

SATIN NICKEL
Available for 6W, 12W, 18W and 24W

IRIS TRIM

IRIS
Recessed & Surface in 1

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
i023	6W IRIS LED Surface/Recessed Round Panel Light 6000K	455						
i024	6W IRIS LED Surface/Recessed Round Panel Light 4000K	455						
i026	12W IRIS LED Surface/Recessed Round Panel Light 6000K	1 050						
i027	12W IRIS LED Surface/Recessed Round Panel Light 4000K	1 050						
i029	18W IRIS LED Surface/Recessed Round Panel Light 6000K	1 600						
i030	18W IRIS LED Surface/Recessed Round Panel Light 4000K	1 600	>83	120°	200V- 265V	PC & Internal Alu	-20~40°C	2835 Sanan
i032	24W IRIS LED Surface/Recessed Round Panel Light 6000K	2 250						
i033	24W IRIS LED Surface/Recessed Round Panel Light 4000K	2 250						
i034	24W IRIS LED Surface/Recessed Round Panel Light 3000K	2 250						
i041	6W IRIS & DIM LED Surface/Recessed Round Panel Light 3CCT	455						
i042	12W IRIS & DIM LED Surface/Recessed Round Panel Light 3CCT	1 050						
i043	18W IRIS & DIM LED Surface/Recessed Round Panel Light 3CCT	1 600						
i044	24W IRIS & DIM LED Surface/Recessed Round Panel Light 3CCT	2 250						
i092r	6W Exchangeable Trim for IRIS Black							
i093r	12W Exchangeable Trim for IRIS Black							
i094r	18W Exchangeable Trim for IRIS Black							
i095r	24W Exchangeable Trim for IRIS Black							
i096r	6W Exchangeable Trim for IRIS Satin Nickel							
i097r	12W Exchangeable Trim for IRIS Satin Nickel							
i098r	18W Exchangeable Trim for IRIS Satin Nickel							
i099r	24W Exchangeable Trim for IRIS Satin Nickel							

HELIOS IP65 UFO HIGHBAY

Available in 100W, 150W & 200W

3 YEAR WARRANTY

PF > 0.95

5700K INDUSTRIAL SPEC

4 kV SURGE PROTECTION

140 LUMEN PER WATT

Certificates: CE, EMC, IEC60598, SAA

Standard safety buckle & 1m safety string (Max 35kg)

5700K INDUSTRIAL SPEC **100W**

114 / 76 — 280 mm

5700K INDUSTRIAL SPEC **150W**

116 / 78 — 320 mm

5700K INDUSTRIAL SPEC **200W**

118 / 80 — 360 mm
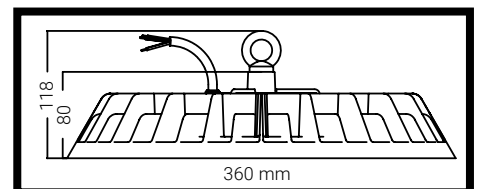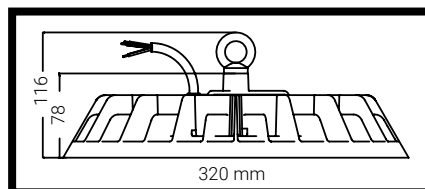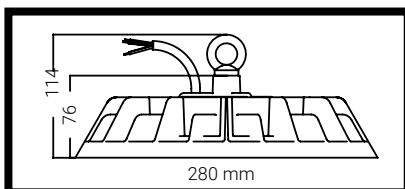
FEATURES

- Excellent Thermal Performance with our **Multi-circulation Aluminum Cooling Fins.**
- Ultra **High Lumen Philips 2835 LED Chips** delivering an effective 140lm/W.
- Industrial Grade Components with a **4kV surge protection** designed to increase longevity in even the harshest environments.

- Complimentary **1m hanging kit** and **1m installation cable (from Batch 2210)** provided ensuring a Hassle Free installation**.**
- **High CRI>83** for maximum clarity & colour rendering.
- **90D Beam Angle** allowing for maximum surface coverage whilst still providing enhanced illumination.
- Available in **industrial Spec Cool White 5700K.**

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
HB401	100W Helios IP65 UFO Highbay 5700K	14 000						
HB404	150W Helios IP65 UFO Highbay 5700K	21 000	>83	90°	180V-277V	Pure Alum	-20~40°C	Philips 2835
HB407	200W Helios IP65 UFO Highbay 5700K	28 000						

SAMURAI 3 IN 1
DIMMABLE HIGHBAY

Available in 100W, 160W & 200W

150 LUMEN PER WATT

4 kv SURGE PROTECTION

IP 65

IK 10

SOSEN

L80BIO 50000 hrs

PHILIPS

PF > 0.9

DIM 1-10V

FLICKER FREE

5 YEAR WARRANTY

Certificates: CE, EMC, IEC60598

Standard safety buckle & 1m safety string (Max 35kg)

Surface Mount Bracket (3CR12) Optional

UPGRADE 1m Installation Cable

FEATURES

- Powered by the Robust **3 IN 1 Dimmable** Sosen LED Driver(1-10V, PWM, Resistance).

- High Lumen **Philips 2835 SMD** LED Chips delivering 150lm/W.

- Wide Voltage Range 90V-305V with a **4kV Built in surge protection.**

- Standard Beam angle of 90° with optional beam angles of 60° & 120°.

- TM21, **L80B10 @ 50 000hrs.**

- High CRI LED Chips with an **Anti-Glare reflector** designed for maximum eye comfort in demanding applications.

- Available in Industrial Spec 5700K or 4000K.

- Wide operating temperature range from **-40°C ~ 50°C.**

- Suspension or Bracket mount optional.
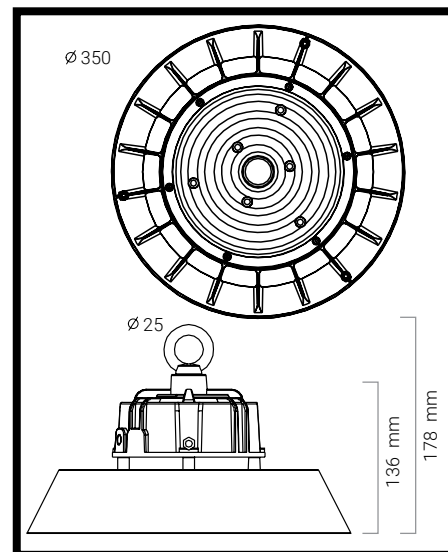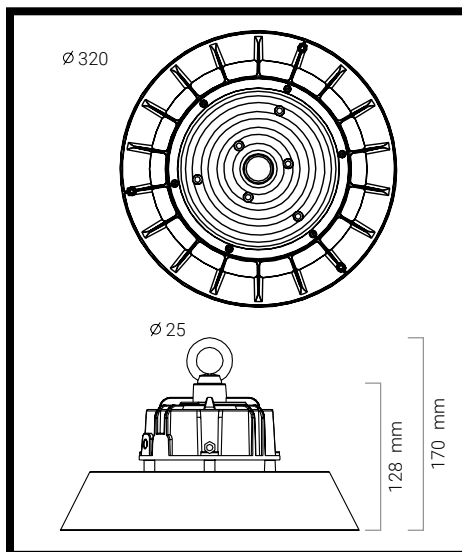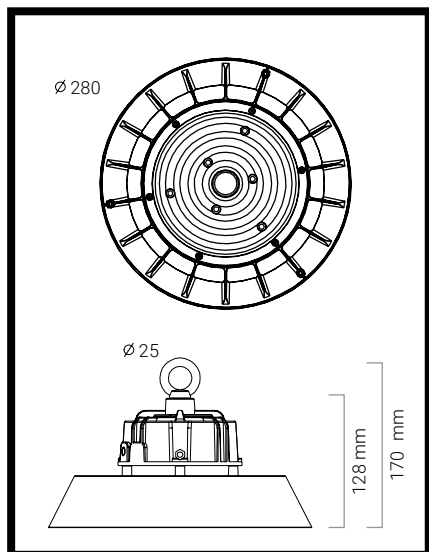
100W

4000K (NW)

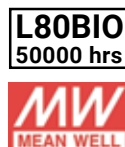5700K
INDUSTRIAL SPEC

160W

4000K (NW)

5700K
INDUSTRIAL SPEC

200W

4000K (NW)

5700K
INDUSTRIAL SPEC

Ø 280

Ø 25

128 mm

170 mm

Ø 320

Ø 25

128 mm

170 mm

Ø 350

Ø 25

136 mm

178 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
HB301	100W Samurai IP65 UFO Floodlight 5700K	15 000		90°				
HB301D2	100W Samurai IP65 UFO Floodlight 5700K	15 000		120°				
HB302	100W Samurai IP65 UFO Floodlight 4000K	15 000		90°				
HB302D2	100W Samurai IP65 UFO Floodlight 4000K	15 000		120°				
HB304	160W Samurai IP65 UFO Floodlight 5700K	24 000		90°				
HB304D2	160W Samurai IP65 UFO Floodlight 5700K	24 000	>83	120°	90V- 305V	Alu	-40~50°C	Philips 2835
HB305	160W Samurai IP65 UFO Floodlight 4000K	24 000		90°				
HB307	200W Samurai IP65 UFO Floodlight 5700K	30 000		90°				
HB307D2	200W Samurai IP65 UFO Floodlight 5700K	30 000		120°				
HB308	200W Samurai IP65 UFO Floodlight 4000K	30 000		90°				
HB301a	Bracket for 100W							
HB304a	Bracket for 160W							
HB307a	Bracket for 200W							
HB301b	60D Lens for 100W							
HB304b	60D Lens for 160W							
HB307b	60D lens for 200W							
HB301c	120D lens for 100W							

160W HEAVY DUTY UFO HIGHBAY

170 LUMEN PER WATT

6kv SURGE PROTECTION

IP 65

IK 08

PF 0.9

FLICKER FREE

5 YEAR WARRANTY

L80BIO 50000 hrs

MW MEAN WELL

HEAVY DUTY

Certificates: CE, EMC, RoHS, ISO9001

PHILIPS

FEATURES

- **Meanwell** IP65 constant current driver with **6kV Built in Surge Protection.**

- **High Lumen Philips** LED Chips delivering an impressive **170lm/W.**

- **Suspension** or **Bracket** mount options.

- 90° standard beam angle with a 120° optic optional.

- **High CRI,** smooth and even light distribution increasing visibility, safety and clarity reducing unnecessary workplace injuries.

- **IP65 rated luminaire** allowing for excellent performance in even the toughest environments.

- **Eco friendly** alternative to HID lamps containing no mercury, lead or harmful chemicals.

- Eliminates the need for unnecessary annual/bi-annual lamp and ballast replacement costs.

- Thermally tested to ensure ample **heat dissipation** increasing longevity of the luminaire.

- Expertly positioned **aluminium fins** designed to increase durability and performance.

- Short Circuit Protection, Over Current Protection, Over Voltage Protection, Under Voltage Protection, Over Temperature Protection.

- Optimal performance in Warehouses, Halls, Gyms, Churches, Panel Beaters etc.

160W

5700K INDUSTRIAL SPEC
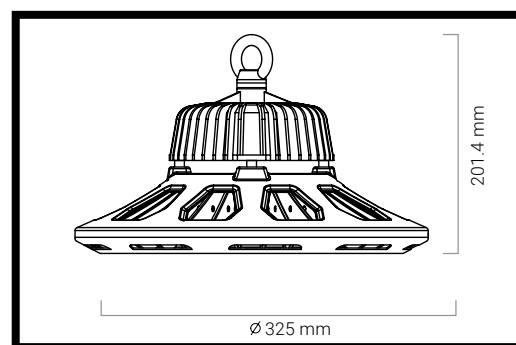
201.4 mm

Ø 325 mm

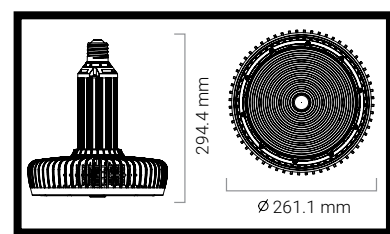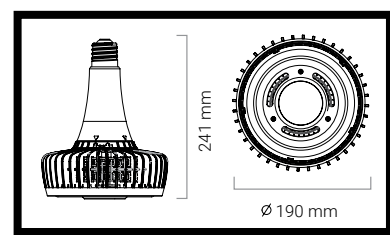| CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
HB003	160W Heavy Duty IP65 UFO Floodlight 5700K			120°				
HB004	160W Heavy Duty IP65 UFO Floodlight 5700K	27 200	>83	90°	85V- 277V	Alu Heat Fins	-40~40°C	Philips 3030
HB004A	120° Lens							
HB004C	Mounting Bracket Optional							

HEAVY DUTY E40 HIGHBAY LAMP

Available in 100W & 150W

Certificates: CE, EMC, IEC60598

FEATURES

- Powerful, compact LED lamp designed as a **direct replacement to 250W/400W** HID lamps.

- **Pure Aluminium Heat Fins** providing as heatsink effectively dissipating heat increasing the LED lifespan.

- Unique Design allowing **for quick and easy retrofits.** Ballast is required to be bypassed as this lamp requires a straight 220V connection.

- Highly efficient LED lamp producing an effective **lumen output > 120 lm/W for 100W and 170 lm/W for 150W.**

- Built in **2kV (100W) & 3kV (150W) Surge protection** creating a robust lamp for demanding environments.

- Ideal for use in **commercial / industrial** applications.

100W | **120** LUMEN PER WATT | **IP 50**
2 kv SURGE PROTECTION | **6000K (CW)** | **2 YEAR WARRANTY**

241 mm — Ø 190 mm

150W | **170** LUMEN PER WATT | **IP 50**
3 kv SURGE PROTECTION | **6000K (CW)** | **3 YEAR WARRANTY**

294.4 mm — Ø 261.1 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
HB008	100W Heavy Duty IP50 E40 Highbay Lamp 6000K	12 000	>83	90D	180V-300V	Pure Alu heat fins	-20~40°C	2835 Epistar
HB011	150W Heavy Duty IP50 E40 Highbay Lamp 6000K	25 500						

HEAVY DUTY CORN LAMP

PIOLED LIGHTING

54W

140 LUMEN PER WATT

3 kv SURGE PROTECTION

IP 44

5700K INDUSTRIAL SPEC

5 YEAR WARRANTY

Certificates: CE, RoHS, TM21

FEATURES

- Industrial Grade, 54W, **E27 Retrofit LED lamp** with a built in 3kV Surge Protection.

- **360° Wide Beam angle** ensuring maximum uniformity whilst reducing hot spots.

- **Flicker free** LED driver, ideal for warehouse/factory installations as it will not interfere with cameras.

- **L80B10 @ 50 000hrs** rated lifespan allowing for minimal lumen decay through the products life.

- **5 Year Warranty** E27 lamp with **Pure Aluminium housing** delivering 7 800lm @ 140lm/W.

- **Industrial Spec 5700K** colour temperature with a CRI>80, ensuring crisp and even lighting whilst enhancing visibility.

- Wide input voltage of **100-277V** creating a robust LED lamp.
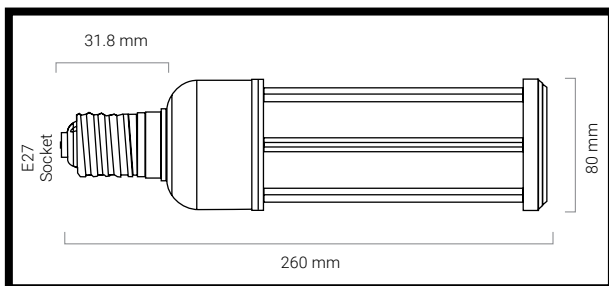
31.8 mm

E27 Socket

80 mm

260 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
B033	Heavy Duty Corn Bulb IP44 E27 54W 5700K	7 800	>80	360	100V-277V	PC & Pure Alu	-20~40°C	2835 Epistar
B033A	E27 to E40 Adaptor							

KRATOS LINEAR HIGHBAY

Available in 100W, 150W & 200W

140 LUMEN PER WATT

4 kv SURGE PROTECTION

IP 54

DIM 1-10V

IK 08

PF 0.9

FLICKER FREE

5 YEAR WARRANTY

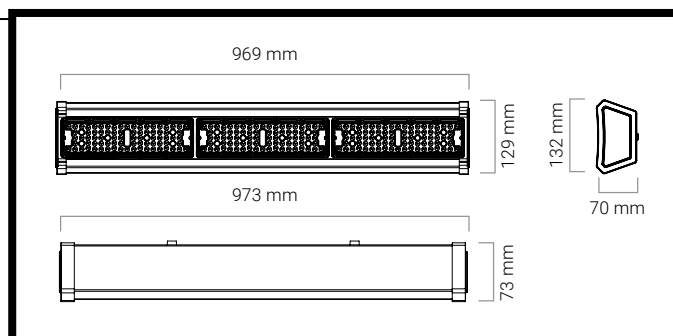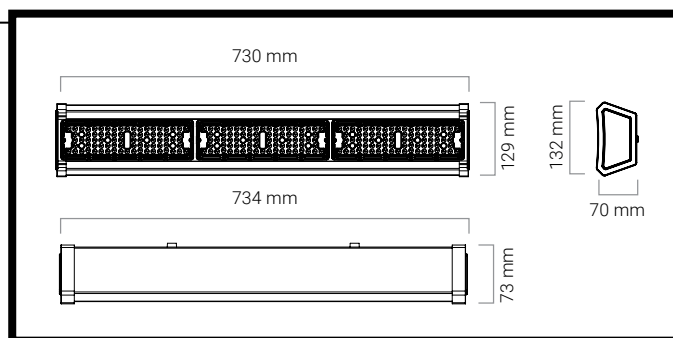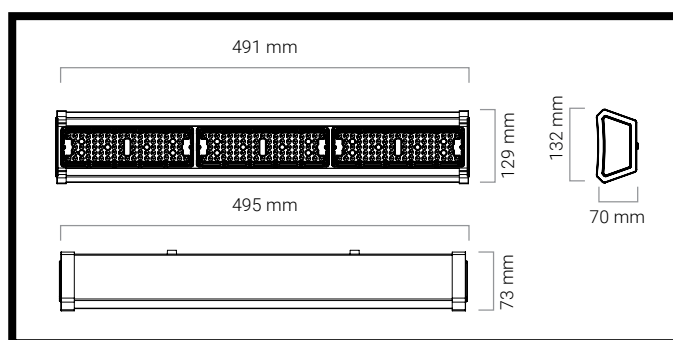*Certificates: CE, IEC60598, EMC, ErP, TM21*

▶ YouTube

Scan to view our KRATOS Product Breakdown video.

FEATURES

- **Industrial Spec** Philips 5700K LED Chips producing an effective 140lm/W.

- Specially designed optics **30°x90° or 90°** available, the ultimate solution for high racking warehouse installations.

- Pure Aluminium **Matt Black** Powder Coated Housing providing quick and efficient heat dissipation.

- 1-10V Dimmable Driver with a built in **4kV Surge Protection** for hassle free illumination.

- **L80B10** @ 50 000 hours rated lifespan ensures maximum lumen output with minimal decay.

- Ideal for Cold rooms and Standard warehousing applications with a Working Temperature of **-20°C ~ 40°C.**

- IK08 **Impact Resistance** increasing the robustness of the luminaire.

- **Suspension Kit** included for a quick and easy installation.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
HBL001	100W Kratos IP54 Linear Highbay 5700K 30°x90°	14 000		30°x90°				
HBL002	100W Kratos IP54 Linear Highbay 5700K 90°	14 000		90°				
HBL007	150W Kratos IP54 Linear Highbay 5700K 30°x90°	21 000	>80	30°x90°	100-277V	Alu	-20~40°C	Philips 2835
HBL008	150W Kratos IP54 Linear Highbay 5700K 90°	21 000		90°				
HBL013	200W Kratos IP54 Linear Highbay 5700K 30°x90°	28 000		30°x90°				
HBL014	200W Kratos IP54 Linear Highbay 5700K 90°	28 000		90°				

100W 5700K INDUSTRIAL SPEC

491 mm
129 mm
132 mm
70 mm
495 mm
73 mm

150W 5700K INDUSTRIAL SPEC

730 mm
129 mm
132 mm
70 mm
734 mm
73 mm

200W 5700K INDUSTRIAL SPEC

969 mm
129 mm
132 mm
70 mm
973 mm
73 mm

WARRIOR LINEAR HIGHBAY

Available in 100W, 150W & 200W

- **170** LUMEN PER WATT
- **4 kv** SURGE PROTECTION
- **IP 65**
- **DIM 1-10V**
- **IK 08**
- **PF ≥ 0.98**
- **5 YEAR WARRANTY**
- **L80BIO 50000 hrs**

Certificates: CE, EMC, IEC60598, TM21

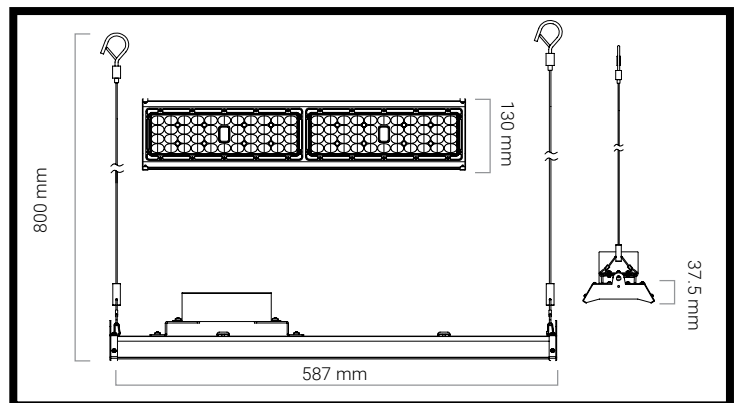**Bracket Optional**

BATTERY BACKUP SUITABLE

FEATURES

- **Industrial Spec** Philips 5700K LED Chips producing an effective 170lm/W.

- Specially designed optics **30°x90° or 90°** available, the ultimate solution for high racking warehouse installations.

- Pure Aluminium **Matt Black** Powder Coated Housing providing quick and efficient heat dissipation.

- 1-10V Dimmable Driver with a built in **4kV Surge Protection** for hassle free illumination.

- **L80B10** @ 50 000 hours rated lifespan ensures maximum lumen output with minimal decay.

- Ideal for Cold rooms and Standard warehousing applications with an Operating Temperature of **-20°C ~ 50°C.**

- IK08 **Impact Resistance** increasing the robustness of the luminaire.

- **Suspension Kit** included for a quick and easy installation.

- Quick & Easy access to the driver for **maintenance** and/or the addition of an **Emergency Pack**.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
HBL022	100W WARRIOR IP65 Linear Highbay 5700K	17 000						
HBL024	150W WARRIOR IP65 Linear Highbay 5700K	25 500	>83	90D	100V- 277V	Alu	-20 to 50°C	Philips 2835
HBL027	200W WARRIOR IP65 Linear Highbay 5700K	34 000						
HBL031	30*90D lens - 100Wx2/150Wx3/200Wx4			30*90D				
HBL032	Bracket/Pair							
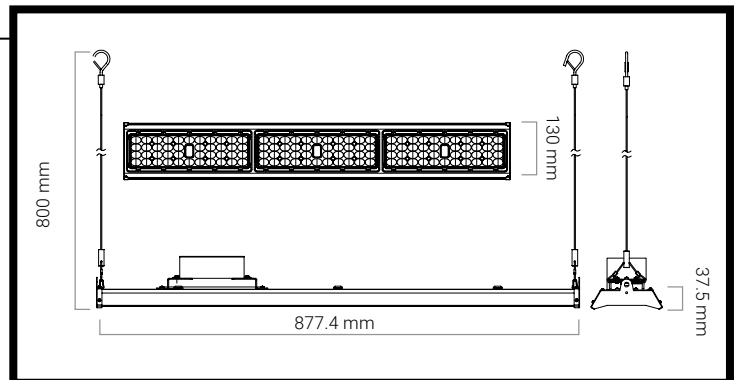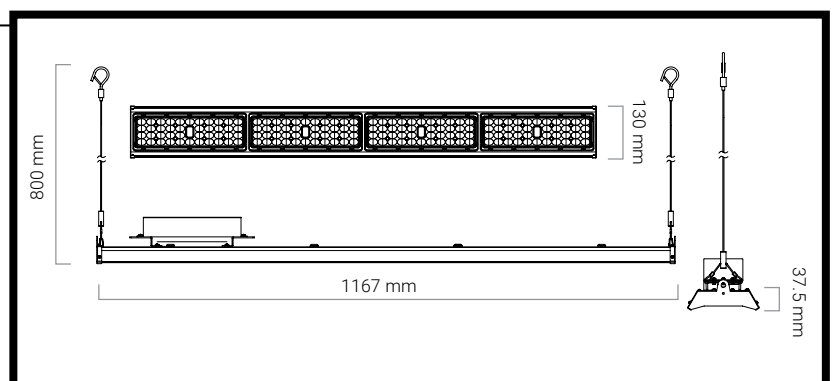
RETROFIT
MODULES

Available in 14W & 18W

- **110** LUMEN PER WATT
- **1** kv SURGE PROTECTION
- **3CCT** THREE COLOUR IN ONE
- **2** YEAR WARRANTY

Certificates: RoHS, ISO9001

FEATURES

- Magnetic housing provides as a quick and easy **LED retrofit** to existing bulkhead luminaires.

- Built in **1mm aluminium plate** designed to dissipate heat whilst improving the LED Lifespan.

- **Heat resistant** PC lens increasing durability.

- **120° wide beam** angle allowing for maximum surface area coverage.

- LED Module takes **direct 220V** eliminating the need for external LED Drivers.

- 2835 SMD LED Chips delivering **110lm/W.**

- Environmentally friendly alternative containing no mercury, lead or other harmful chemicals.

- **1kV surge protection.**

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
iM028	14W LED Retrofit Module 6000K	1 540						
iM029	18W LED Retrofit Module 6000K	1 980	>83	120°	200V-277V	PC Lens + 1mm Alu	-20~40°C	2835 Sanan
iM102	14W LED Retrofit Module 3CCT	1 540						
iM101	18W LED Retrofit Module 3CCT	1 980						

Built-in Dip-switch for CCT changing (3 Colour temperatures in 1)

3000K
4000K
6000K
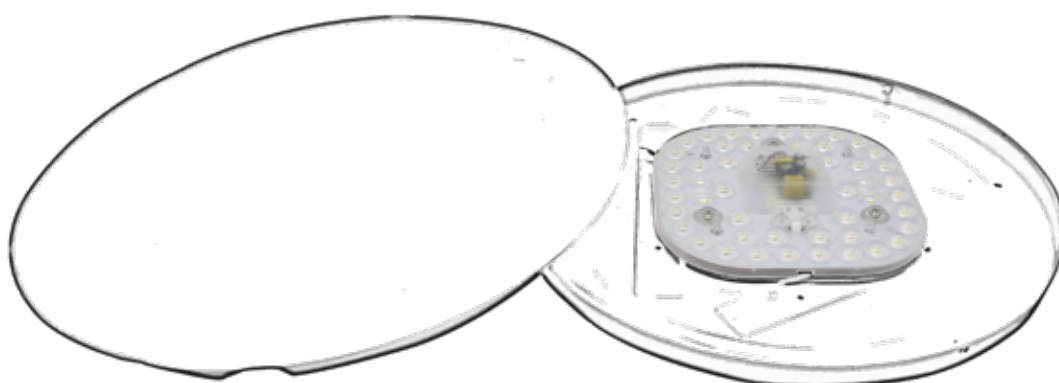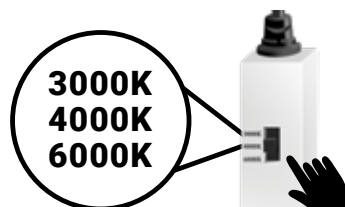
14W

6000K (CW)

3CCT THREE COLOUR IN ONE

18W

6000K (CW)

3CCT THREE COLOUR IN ONE
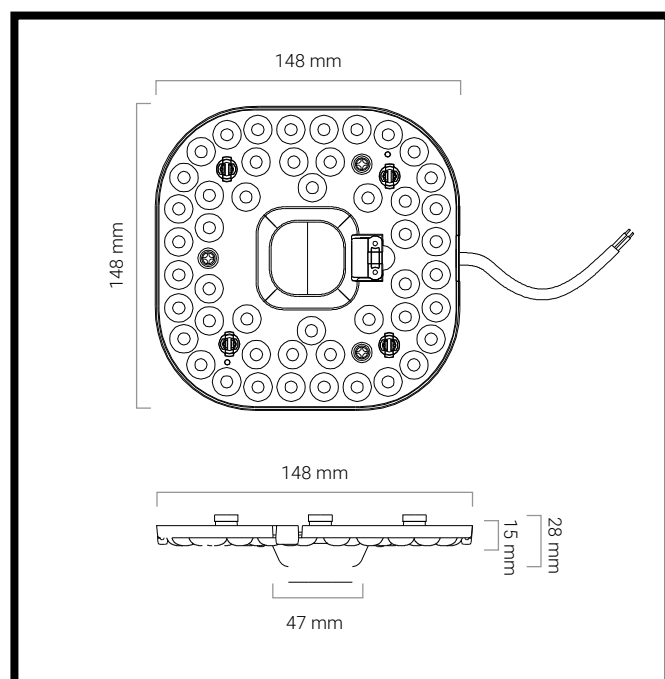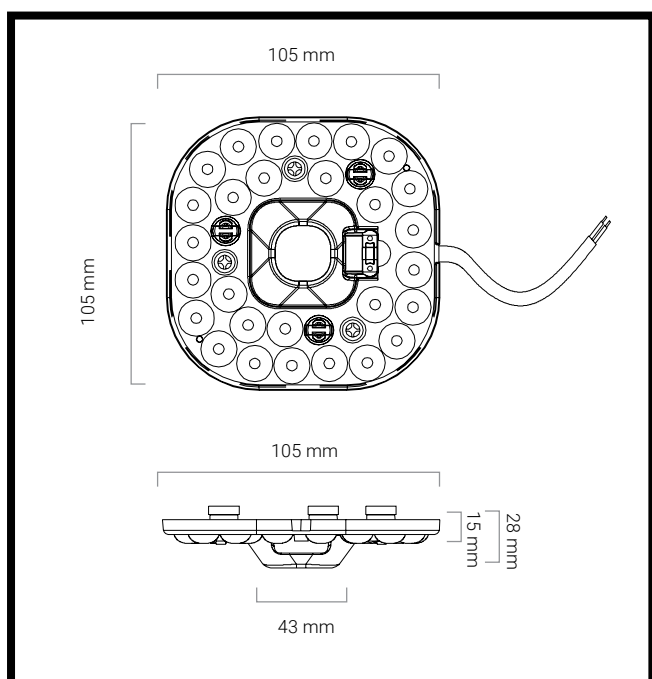
105 mm

105 mm

105 mm

28 mm

15 mm

43 mm

148 mm

148 mm

148 mm

28 mm

15 mm

47 mm

IP65 SUPER SLIM LINEAR LIGHT

Available in 18W 2FT, 36W 4FT & 45W 5FT

1kv SURGE PROTECTION | IP 65 | IK 05 | PF >0.9 | 2 YEAR WARRANTY
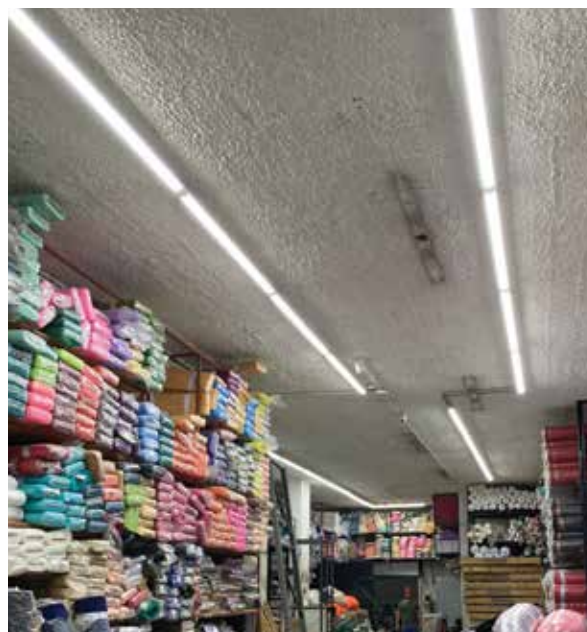
Certificates: CE, EMC, IEC60598

ACCESSORIES

Suspension Kit

FEATURES

- High quality **Coastal Grade** PC body preventing rust and corrosion.

- **Internal Aluminium** providing as an optimal heat sink.

- **Ultra Slim** design with a total height of 22mm.

- **Opal diffuser** allowing for a uniform light output with minimal glare.

- **Equivalent to 2 x fluorescent tubes** in a vapour proof fitting.

- Operating temperature: **-20°C to 45°C.**

- Highly efficient SMD LED Chips with an effective lumen output of up to **90lm/W.**

- **120° Wide Beam** Angle increasing surface area coverage.

- Complete with **extra length cable** allowing for quick and easy installations.

- High Power factor luminaire **>0.9.**

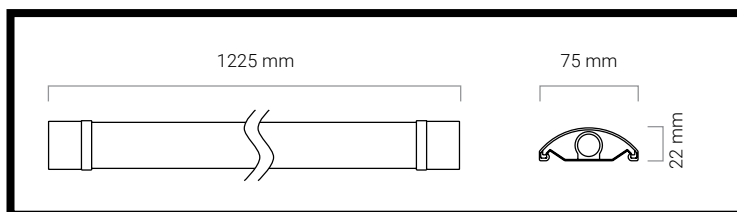- Can be suspended by up to 2m with our optional suspension kit.
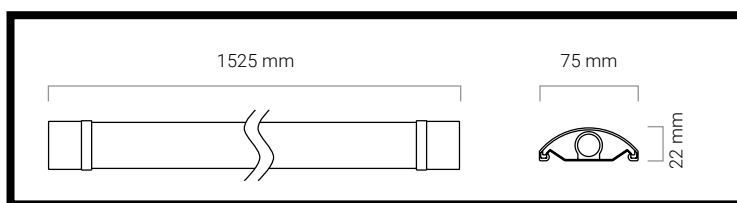
2FT

4000K (NW)

6000K (CW)
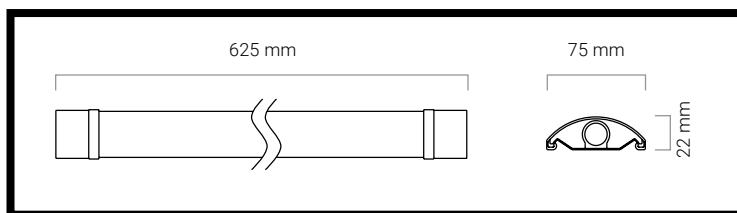
625 mm | 75 mm | 22 mm

4FT

4000K (NW)

6000K (CW)

1225 mm | 75 mm | 22 mm

5FT

4000K (NW)

6000K (CW)

1525 mm | 75 mm | 22 mm

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
LL604	18W IP65 Ultra Slim Linear Light 2ft 6000K	1 600						
LL606	18W IP65 Ultra Slim Linear Light 2ft 4000K	1 600						
LL607	36W IP65 Ultra Slim Linear Light 4ft 6000K	3 200						
LL609	36W IP65 Ultra Slim Linear Light 4ft 4000K	3 200	>83	120°	185V-277V	PC and Internal Alu	-20~45°C	2835 Sanan
LL610	45W IP65 Ultra Slim Linear Light 5ft 6000K	4 000						
LL612	45W IP65 Ultra Slim Linear Light 5ft 4000K	4 000						
LL099	2M hanging strip for Linear light							

IP33 PROJECT LINEAR LIGHT

Available in 18W 2FT, 36W 4FT & 45W 5FT

90 LUMEN PER WATT

1 kv SURGE PROTECTION

IP 33

IK 06

PF 0.9

FLICKER FREE

2 YEAR WARRANTY

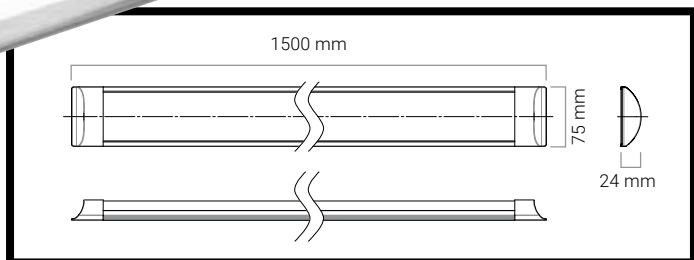*Certificates: CE, IEC60598, EMC, RoHS, ISO9001*
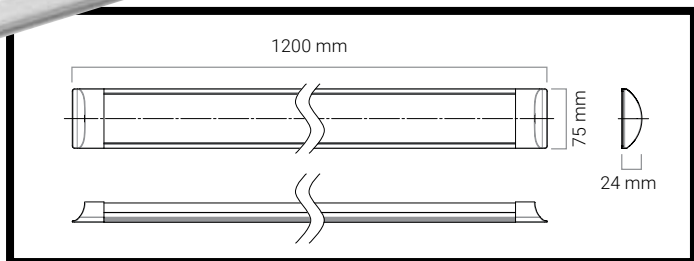
ACCESSORIES

Suspension Kit

FEATURES

- **Pure Aluminium corrosion resistant** body which provides as a heat sink.

- Elegant and aesthetically **unobtrusive design** designed for demanding applications.

- Replaces traditional open channel fluorescent luminaires.

- Effective lumen output of up to **90lm/W.**

- High Power factor **> 0.9**

- 304 grade clips.

- **Flicker Free,** Suitable for hospitals, schools, offices, kitchens etc.

- Opal diffuser **creating a soft uniform** light distribution eliminating any visuals of the raw SMD LED.

- Complete with extra length pre-wired cable.

- Can be **suspended by up to 2m** with our optional suspension kit.

- Environmentally friendly containing no mercury, lead or other harmful substances.

- **IP33 rated luminaire** with built in 1kV Surge protection.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
LL001	10W IP33 Slim Project Linear Light 6000K 1ft	900						
LL003	10W IP33 Slim Project Linear Light 4000K 1ft	900						
LL004	20W IP33 Slim Project Linear Light 6000K 2ft	1 800						
LL005	20W IP33 Slim Project Linear Light 3000K 2ft	1 800						
LL006	20W IP33 Slim Project Linear Light 4000K 2ft	1 800	>83	150°	185V-277V	PC and Pure Alu	-20~45°C	2835 Sanan
LL007	40W IP33 Slim Project Linear Light 6000K 4ft	3 600						
LL008	40W IP33 Slim Project Linear Light 3000K 4ft	3 600						
LL009	40W IP33 Slim Project Linear Light 4000K 4ft	3 600						
LL010	60W IP33 Slim Project Linear Light 6000K 5ft	5 400						
LL012	60W IP33 Slim Project Linear Light 4000K 5ft	5 400						
LL099	2M hanging strip for Linear light							

10W **1FT**

4000K (NW)

6000K (CW)

300 mm
75 mm
24 mm

20W **2FT**

6000K
4000K
3000K

600 mm
75 mm
24 mm

40W **4FT**

6000K
4000K
3000K

1200 mm
75 mm
24 mm

60W **5FT**

4000K (NW)

6000K (CW)

1500 mm
75 mm
24 mm

IP65 LED LINEAR LIGHT

PREMIUM

90 LUMEN PER WATT

1.5 kv SURGE PROTECTION

IP 65

IK 08

PF > 0.9

FLICKER FREE

5 YEAR WARRANTY

Certificates: CE, IEC60598, EMC, RoHS, ISO9001
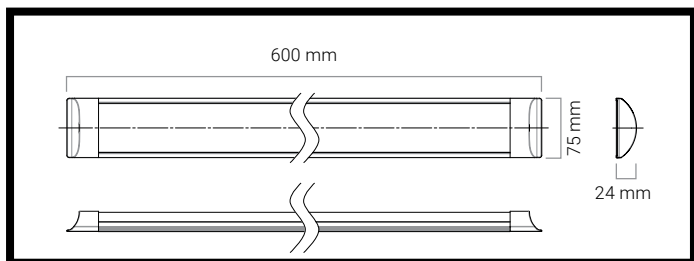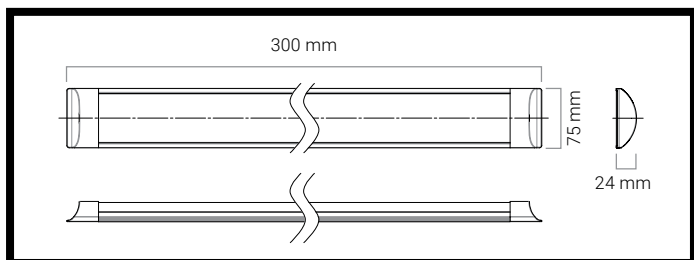
Rubycon

Available in 40W 4FT, & 60W 5FT

40W
4000K (NW)
6000K (CW)

11.52 mm | 1196 mm | 84 mm | 46 mm

60W
4000K (NW)
6000K (CW)

11.52 mm | 1496 mm | 84 mm | 46 mm
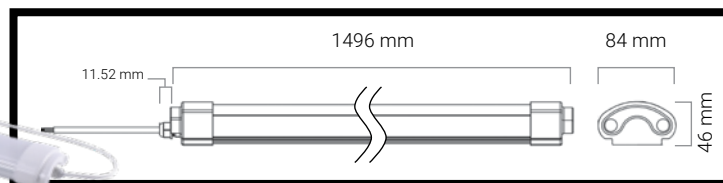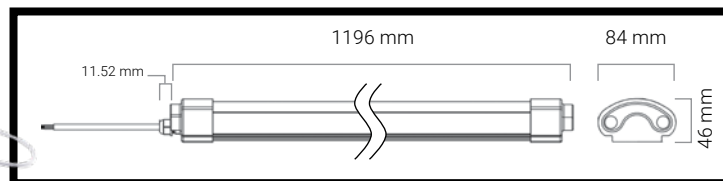
FEATURES

- Pure Aluminum **Coastal Spec IP65** weatherproof linear.
- Maintenance free luminaire **equivalent to 2 x fluorescent tubes** in a vapour proof body.
- **Anti UV diffuser** allowing for uniform light distribution.
- Comes complete with extra length **side entry** installation cable.

- Effective lumen output of up to **90lm/W.**
- Robust design allowing for the most demanding applications.
- Operating Temperature: **-20°C to 40°C**
- High Power factor **> 0.9**

- Ceiling/Wall Mount or suspendable by up to 2m with our optional suspension kit.
- Maintenance free, environmentally friendly alternative to halogen lamps which contain no mercury, lead or other harmful substances.
- **304 grade clips.**

ACCESSORIES

Suspension Kit

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
LL207	40W IP65 Slim Project Linear Light 4ft 6000K	3 600						
LL209	40W IP65 Slim Project Linear Light 4ft 4000K	3 600	>83	120°	185V- 277V	Pure Alu	-20~40°C	Sanan 2835
LL210	60W IP65 Slim Project Linear Light 5ft 6000K	5 400						
LL212	60W IP65 Slim Project Linear Light 5ft 4000K	5 400						
LL099	2M hanging strip for Linear light							

NANO
LINEAR LIGHT

Available in 18W 2FT, & 36W 4FT

95 LUMEN PER WATT	**1** kv SURGE PROTECTION	6000K 4000K 3000K	**PF** > **0.9**	**2** YEAR WARRANTY

Certificates: CE, EMC, IEC60598

ACCESSORIES

Suspension Kit

18W | 6000K 4000K 3000K

595 mm | 38 mm | 30 mm

36W | 6000K 4000K 3000K

1205 mm | 38 mm | 30 mm
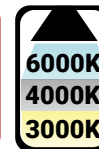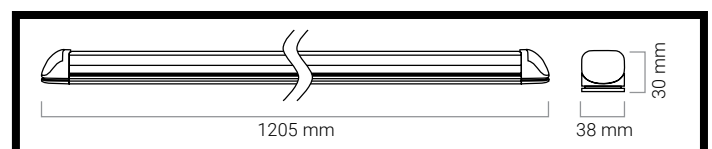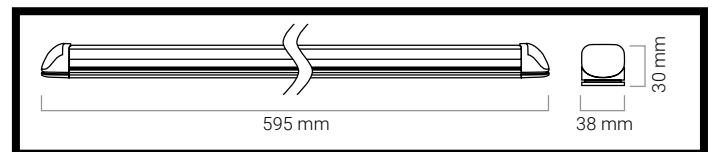
FEATURES

- Unique **thermal management** system with an aluminium body allowing for the aesthetic look of a single tube in an open channel fixture.

- **Ultra Slim design** coupled with an effective lumen output of up to **95lm/W.**

- **Back entry extra length cable,** for a quick, neat and efficient installation.

- Durable LED Linear with a built in **1kV Surge Protection.**

- Can be suspended up to 2m with our optional suspension kit.

- High **Power factor > 0.9**

- Environmentally friendly containing no mercury, lead or other harmful substances.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
LL401	10W Nano Slim Linear Light 1ft 6000K	950						
LL404	18W Nano Slim Linear Light 2ft 6000K	1 710						
LL405	18W Nano Slim Linear Light 2ft 3000K	1 710						
LL406	18W Nano Slim Linear Light 2ft 4000K	1 710	>83	132°	185V- 265V	Pure Alu	-20~45°C	Sanan 2835
LL407	36W Nano Slim Linear Light 4ft 6000K	3 420						
LL408	36W Nano Slim Linear Light 4ft 3000K	3 420						
LL409	36W Nano Slim Linear Light 4ft 4000K	3 420						
LL099	2M hanging strip for Linear light							

LYNX

LYNX 3 CCT TRI-PROOF LINEAR

Available in 36W 4FT, & 48W 5FT

150 LUMEN PER WATT

1.5 kv SURGE PROTECTION

3CCT THREE COLOUR IN ONE

PF > 0.95

FLICKER FREE

5 YEAR WARRANTY

Certificates: CE, EMC, IEC60598, ErP

BATTERY BACKUP SUITABLE

36W **4FT**

1205 mm
1199 mm
68 mm
79 mm

48W **5FT**

1505 mm
1499 mm
68 mm
79 mm
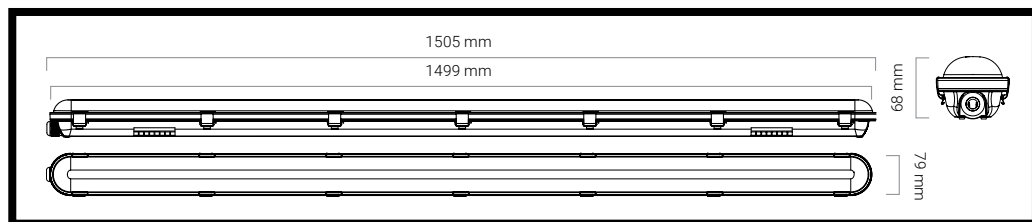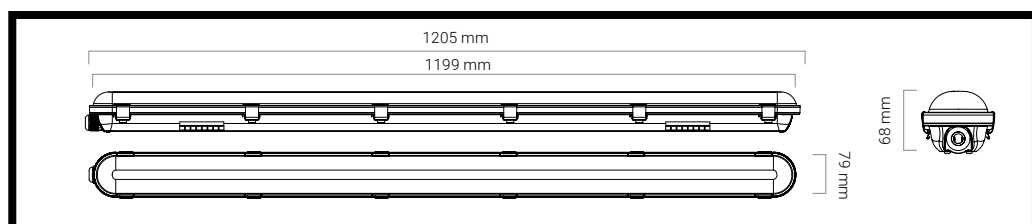
FEATURES

- **3CCT (3000K/4000K/6000K)** Vapour Proof LED Linear switchable via integrated Dipswitch.

- Seamless installation with our **linkable LYNX**. Connect up to 12pcs (4ft) and 9pcs (5ft) in series.

- Ultra High Lumen **2835 SMD LED Chips** with an effective lumen output of 150lm/W.

- Wide **120° beam angle** for maximum coverage and uniformity.

- **EMC Flicker Free** power supply with a built in 1.5kV Surge Protection.

- **Coastal Spec PC housing** with Stainless Steel Clips and a UV protected PC lens.

- Designed for use in the most demanding environments with its **IP65 rated housing, 5 year warranty** and **-20°C ~ 40°C** operating temperature.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
LL702	36W Lynx 3CCT Tri-proof Linear Light	5 400	>83	120°	190V-277V	PC	-20~40°C	2835 Sanan
LL703	48W Lynx 3CCT Tri-proof Linear Light	7 200						
R102	IP65 10kV Surge Protection 5Amp							

ZEN IP65
TRI-PROOF
FIXTURE

FOR T8 LED TUBES
Available in 2FT, 4FT & 5FT

1 YEAR WARRANTY

2FT — 684 mm / 101 mm / 57 mm

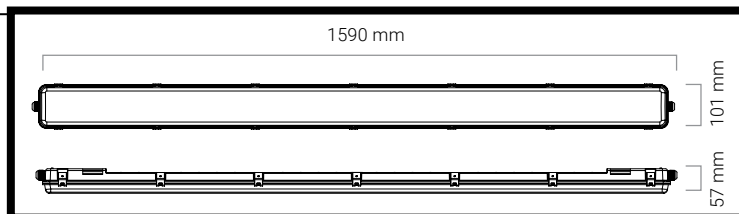**4FT** — 1290 mm / 101 mm / 57 mm

5FT — 1590 mm / 101 mm / 57 mm
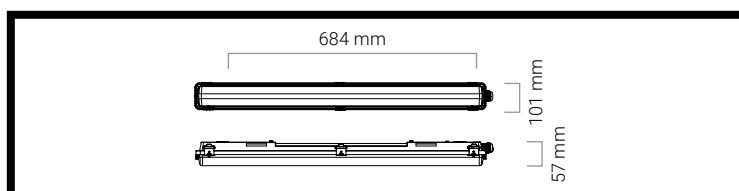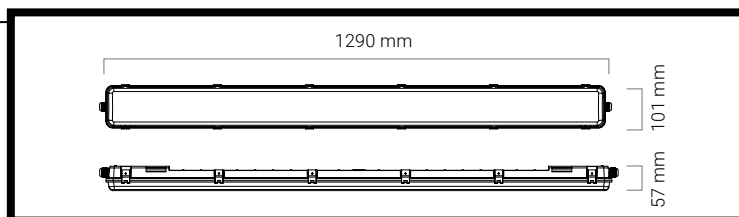
FEATURES

- **Sleek and Slim** appearance, IP65 rated **weatherproof** body **pre-wired** for double T8 LED Tubes.
- **Anti-UV PC Cover** and ABS Body with 301 **Stainless Steel Clips.**
- Prismatic **Polycarbonate diffuser** designed to reduce glare from the LED Tubes

- Ideal for use in **harsh conditions** with its non-corrosive and durable housing (suitable for **cold rooms** as well).
- **Quick and easy** installation either via mounting clips or suspension.
- Comes complete with an IP65 rated gland and a **knock out** allowing for installations in series.

CODE	DESCRIPTION	HOUSING
TF008	Zen Tri-Proof 2ft PC Fixtures for 2xT8 LED	PC Cover + Stainless Steel Clips + ABS Body + White Reflector Enhancing The Brightness For Single Side Power LED T8 Tubes Use
TF010	Zen Tri-Proof 4ft PC Fixtures for 2xT8 LED	
TF012	Zen Tri-Proof 5ft PC Fixtures for 2xT8 LED	

T8 COMBAT LED TUBES

Available in 10W 2FT, 18W 4FT & 24W 5FT

90 LUMEN PER WATT

1 kV SURGE PROTECTION
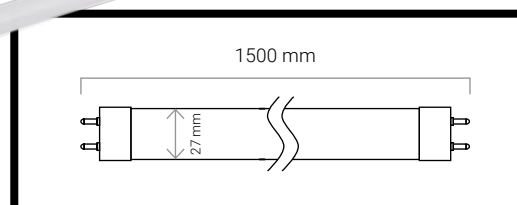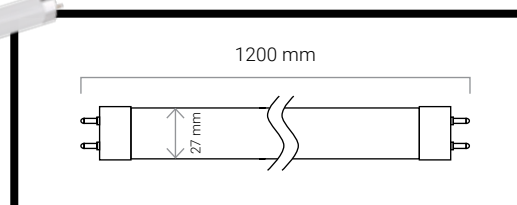
FLICKER FREE

2 YEAR WARRANTY

Certificates: CE, EMC, RoHS, ISO9001

FEATURES

- Frosted Glass housing helping in the **reduction of glare** whilst allowing for **ultra-fast heat dissipation** increasing the lifespan of the LEDs.

- **Pure aluminium end caps** giving the tube the look and feel of fluorescents without the high-power consumption/ negative environmental impacts.

- Quick and fast installation with **220V power to one side** only.

- **1kV surge protection** built in.

- **2835 SMD LED Chips** for a brighter, more efficient LED lamp.

- The ideal lamp for all residential applications.

- Maintenance free alternative to fluorescent lamps with a much lower lumen decay rate.

- Instant on LED tube with no warm-up time.

10W | **2FT** | 6000K 4000K 3000K — 600 mm, 27 mm

18W | **4FT** | 6000K 4000K 3000K — 1200 mm, 27 mm

24W | **5FT** | 6000K 4000K 3000K — 1500 mm, 27 mm
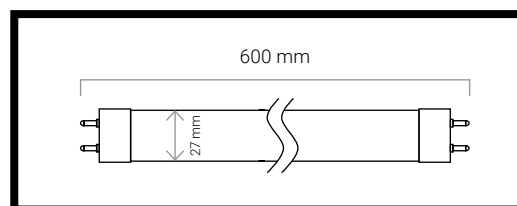
CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
T105	10W T8 Combat Glass Tube 2ft 6000K	900						
T106	10W T8 Combat Glass Tube 2ft 4000K	900						
T107	10W T8 Combat Glass Tube 2ft 3000K	900						
T101	18W T8 Combat Glass Tube 4ft 6000K	1 600						
T102	18W T8 Combat Glass Tube 4ft 4000K	1 600	>83	270°	180V-265V	Glass and Alu end caps	-20~45°C	2835 Sanan
T108	18W T8 Combat Glass Tube 4ft 3000K	1 600						
T103.2	24W T8 Combat Glass Tube 5ft 6000K	2 200						
T104	24W T8 Combat Glass Tube 5ft 4000K	2 200						
T109	24W T8 Combat Glass Tube 5ft 3000K	2 200						

T8
PREMIUM
LED
TUBES

PREMIUM

Available in 10W 2FT, 18W 4FT & 24W 5FT

100 LUMEN PER WATT **1 kV SURGE PROTECTION** **PF > 0.9** **3 YEAR WARRANTY**

Certificates: CE, EMC, IEC60598

FEATURES

- Frosted Glass housing helping in the **reduction of glare** coupled with an internal **aluminium backing** to provide as a heat sink.

- Easy to install for either new or retrofit installations with direct **220V from one end** only.

- Maintenance free LED Tube requiring no ballast or starters.

- High Power Factor **> 0.9** making this the ideal lamp for commercial/ industrial applications.

- **Robust**, LED tube with built in **1kV surge protection** ensuring hassle free illumination.

- **270° Wide** Beam angle coupled with **aluminium** end caps providing a traditional tube feel.

- 2835 High Brightness SMD LED Chips with an effective **100lm/W** serving as a direct replacement to fluorescent tubes.

- The environmentally friendly alternative containing no mercury, lead or other harmful substances making it easy to recycle.
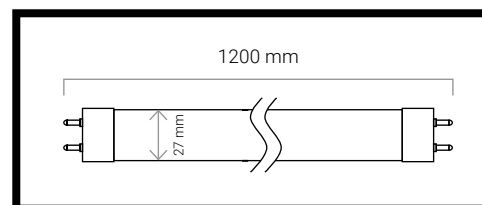
10W | **2FT** | **6000K (CW)**
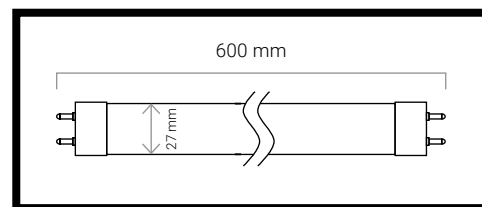
600 mm
27 mm

18W | **4FT** | **4000K (NW)** / **6000K (CW)**

1200 mm
27 mm

24W | **5FT** | **6000K (CW)**

1500 mm
27 mm
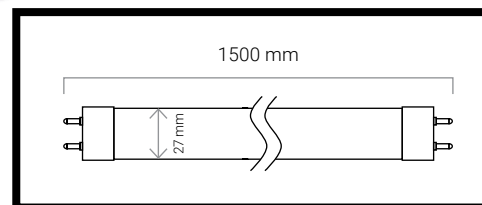
CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
T005	10W T8 Premium Glass Tube 2ft 6000K	1 000						
T001	18W T8 Premium Glass Tube 4ft 6000K	1 800	>83	270°	100V-277V	Glass and Alu end caps	-20~45°C	2835 Sanan
T002	18W T8 Premium Glass Tube 4ft 4000K	1 750						
T003	24W T8 Premium Glass Tube 5ft 6000K	2 400						

T5 COMBAT LED TUBES

Available in 18W 4FT, 20W 5FT & 10W 2FT

90 LUMEN PER WATT

1 kV SURGE PROTECTION

FLICKER FREE

2 YEAR WARRANTY

Certificates: CE, EMC, IEC60598

FEATURES

- **Frosted Glass** diffuser coupled with internal aluminium providing fast and efficient heat dissipation.

- **Aluminium end** caps providing a traditional T5 fluorescent look and feel.

- **Direct 220V LED Lamp** with no requirements for traditional ballasts or starters.

- 2835 SMD LED Chips delivering 90lm/W with a **270° beam angle.**

- The perfect LED tube for day to day usage with a built in **1kV surge protection.**

- Wide input voltage range from **180-265V.**

- Instant on LED Tube with no warm up time.

- **High CRI>80** ideal for environments which require high colour rendering.

- Maintenance free alternative to fluorescent lamps with a much lower lumen decay rate.

10W **2FT** 4000K (NW) 6000K (CW)

563.2 mm
549 mm
22 mm | 16 mm

18W **4FT** 4000K (NW) 6000K (CW)
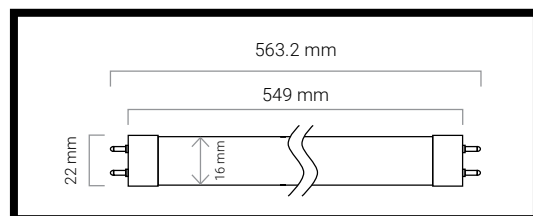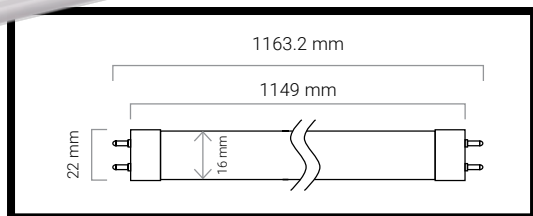
1163.2 mm
1149 mm
22 mm | 16 mm

20W **5FT** 4000K (NW) 6000K (CW)

1463.2 mm
1449 mm
22 mm | 16 mm
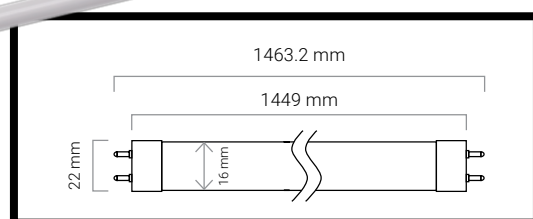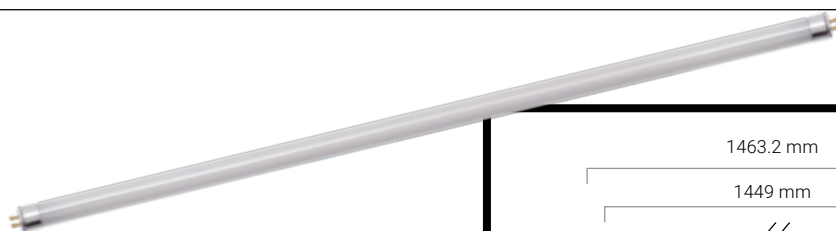
CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	OPERATING TEMP	LED CHIPS
T501	18W T5 Glass Tube 4ft 6000K	1 600						
T502	18W T5 Glass Tube 4ft 4000K	1 600						
T503	20W T5 Glass Tube 5ft 6000K	1 800	>83	270°	180V-265V	Glass and Alu end caps	-20~45°C	2835 Sanan
T504	20W T5 Glass Tube 5ft 4000K	1 800						
T505	10W T5 Glass Tube 2ft 6000K	800						
T506	10W T5 Glass Tube 2ft 4000K	800						

Flex

12V/24V LED STRIP LIGHTS

SELECTED VARIANTS NOW AVAILABLE IN A 50M PROJECT REEL

IP20 pre soldered at every cutting point

Available in IP20 & IP67

100 LUMEN PER WATT

DIM

2 YEAR WARRANTY

Certificates: CE, RohS, ISO9001

FEATURES

- Highly customizable with cutting points every 50mm.
- Genuine **3M adhesive backing tape** for safe and quick installation.
- High **CRI>80** ideal for specialized environments which require high colour rendering.
- **120° wide beam** angle LED strip.
- **Sanan SMD LED Chips** with an efficacy of > 100lm/W.

- Increase the LED lifespan whilst reducing lumen decay by adding either our surface, recessed or corner pure aluminium profiles.
- Safe to use in open areas as the LED strip provides minimal heat and is only 12V and 24V.
- Available in either **IP20** or fully encased coated **IP65.**
- 2/3oz thick PCB for super fast heat dissipation**.**

- All our LED strips are **dimmable** when coupled with our wireless dimmer.
- Available in either Warm White 3000K, Neutral White 4000K, Cool White 6000K, **Red**, **Blue**, **Green** or **RGB**, catering for all application requirements.
- Ideal for commercial/ residential applications.

Ambience
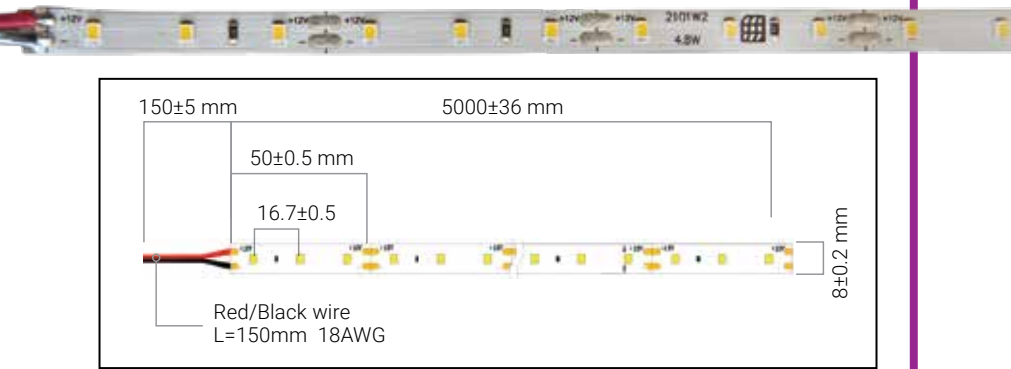
4.8W /M
IP 20/65
24V
12V
BLUE
6000K
4000K
3000K

150±5 mm
5000±36 mm
50±0.5 mm
16.7±0.5
8±0.2 mm
Red/Black wire
L=150mm 18AWG

Exclusive

IP 20
9.6W /M
24V
12V
6000K
4000K
3000K

150±5 mm
5000±36 mm
50±0.5 mm
8.3±0.5 mm
8±0.2 mm
Red/Black wire
L=150mm 18AWG

SUPER BRIGHT
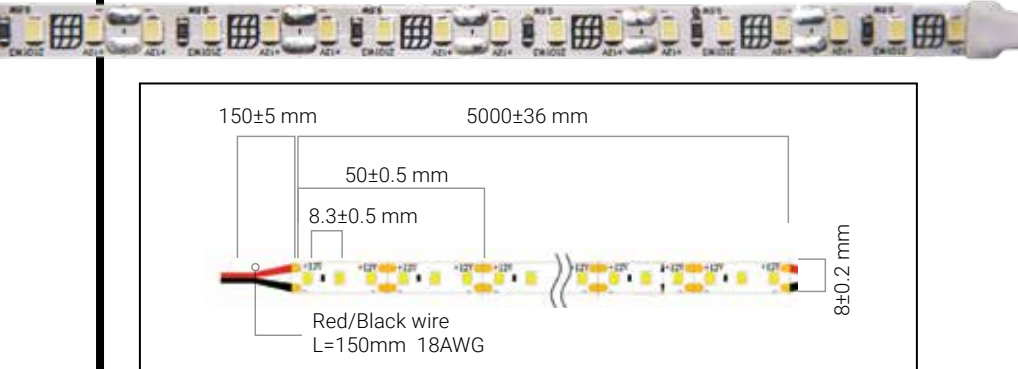
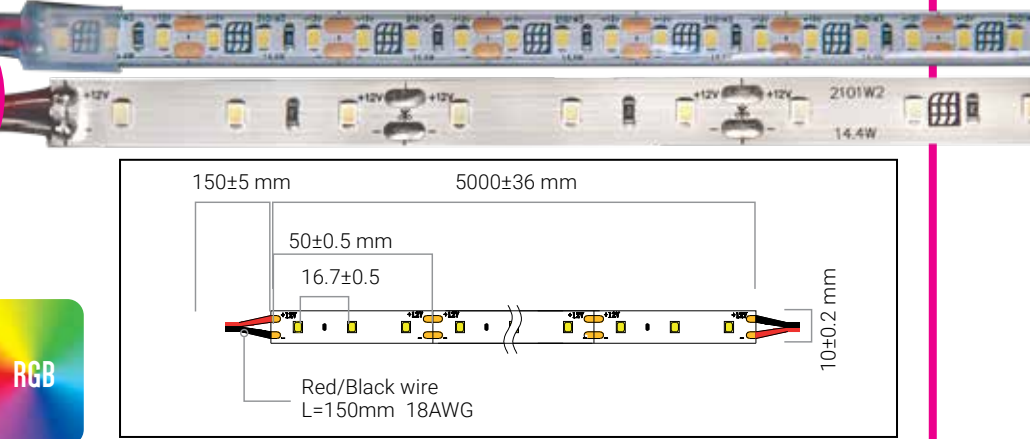14.4W /M
IP 20/65
24V
12V
GREEN
6000K
4000K
3000K
BLUE
RED
RGB

150±5 mm
5000±36 mm
50±0.5 mm
16.7±0.5
10±0.2 mm
Red/Black wire
L=150mm 18AWG

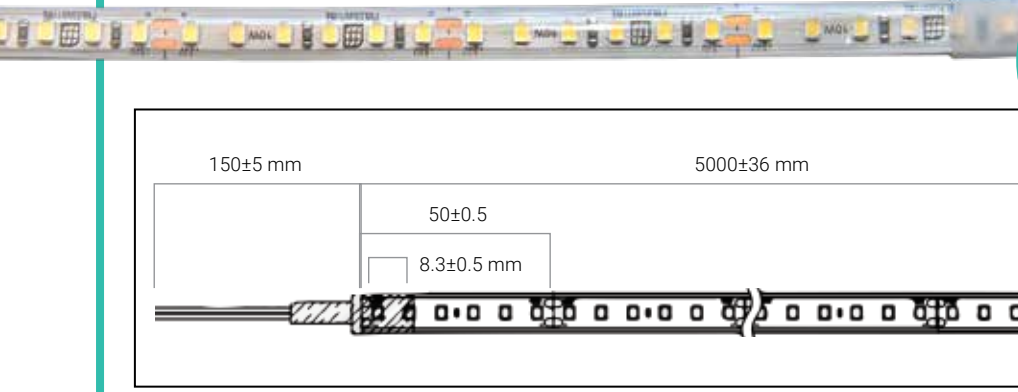## EXTENSION

IP 65
10W /M
24V
6000K
4000K
3000K
BLUE

150±5 mm
5000±36 mm
50±0.5
8.3±0.5 mm
10.5±0.5 mm

STRIP LIGHT/SURGE PROTECTION ACCESSORIES

R001
RGB Amplifier 12V/24V
L105 x W65 x H23

R002
RGB Controller 12V/24V
with Remote - 5m
L61 x W35 x H22

R003
RGB Controller
12V/24V - 10M
L130 x W64 x H24

R004
Wireless dimmer 12V/24V with
Remote- 5M. Max 6Amp
L115 x W56 x H34

R005
RGBW WIFI Smart
Battery: 2032
Controller 12V/24V
with Remote -
230/460W

R109
Smartie
Cable Connector

R102
IP65
10kV Surge Protection
Max 5Amp - 4 Wire Series

R104
IP65 10kV Surge Protection
Max 8Amp - 6 Wire

R007
10mm Single Colour
2way Connector
L180 x W14 x H4.6

R008
10mm Single Colour
Connector
L15 x W14 x H4.6

R009
10mm RGB 2way
Connector
L180 x W14 x H4.6

R010
8mm Single Colour 2way
Connector
L180 x W12 x H4.6

R011
8mm Single Colour
Connector
L15x W12 xH4.6

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	DIMMABLE	LED CHIPS
S001	14.4W 12V IP20 Strip 6000K - 1M 60 LED/M	1 100 lm/m					
S009	14.4W 12V IP20 Strip 4000K - 1M 60 LED/M	1 100 lm/m					
S003	14.4W 12V IP20 Strip 3000K - 1M 60 LED/M	1 100 lm/m					
S005	14.4W 12V IP20 Strip Blue - 1M 60 LED/M						
S012	14.4W 12V IP20 Strip Green - 1M 60 LED/M						
S011	14.4W 12V IP20 Strip Red - 1M 60 LED/M						
S007	14.4W 12V IP20 Strip RGB - 1M 60 LED/M		>83	120°	DC12V	Yes	2835 SMD
SR001	14.4W 12V IP20 Strip 6000K - 5M 60 LED/M	1 100 lm/m					
SR009	14.4W 12V IP20 Strip 4000K - 5M 60 LED/M	1 100 lm/m					
SR003	14.4W 12V IP20 Strip 3000K - 5M 60 LED/M	1 100 lm/m					
SR005	14.4W 12V IP20 Strip Blue - 5M 60 LED/M						
SR012	14.4W 12V IP20 Strip Green - 5M 60 LED/M						
SR011	14.4W 12V IP20 Strip Red - 5M 60 LED/M						
SR001A	14.4W 12V IP20 Strip 6000K- 50M Proj	1 100 lm/m					
SR009A	14.4W 12V IP20 Strip 4000K- 50M Proj	1 100 lm/m					
SR003A	14.4W 12V IP20 Strip 3000K- 50M Proj	1 100 lm/m					
SR005A	14.4W 12V IP20 Strip Blue- 50M Proj						
SR007A	14.4W 12V IP20 Strip RGB- 50M Proj						
SR007	14.4W 12V IP20 Strip RGB - 5M 60 LED/M						
S013	9.6W 12V IP20 Strip 6000K - 1M 120 LED/M	960 lm/m					
S015	9.6W 12V IP20 Strip 4000K - 1M 120 LED/M	960 lm/m					
S014	9.6W 12V IP20 Strip 3000K - 1M 120 LED/M	960 lm/m	>83	120°	DC12V	Yes	2835 SMD
SR013	9.6W 12V IP20 Strip 6000K - 5M 120 LED/M	960 lm/m					
SR015	9.6W 12V IP20 Strip 4000K - 5M 120 LED/M	960 lm/m					
SR014	9.6W 12V IP20 Strip 3000K - 5M 120 LED/M	960 lm/m					
SR013A	9.6W 12V IP20 Strip 6000K - 50M Proj	960 lm/m					
SR015A	9.6W 12V IP20 Strip 4000K - 50M Proj	960 lm/m					
SR014A	9.6W 12V IP20 Strip 3000K - 50M Proj	960 lm/m					

Code	Description	lm/m	CRI	Beam	Voltage	Dimmable	LED
S002	4.8W 12V IP20 Strip 6000K - 1M 60 LED/M	500 lm/m	>83	120°	DC12V	Yes	2835 SMD
S010	4.8W 12V IP20 Strip 4000K - 1M 60 LED/M	500 lm/m					
S004	4.8W 12V IP20 Strip 3000K - 1M 60 LED/M	500 lm/m					
S006	4.8W 12V IP20 Strip Blue - 1M 60 LED/M						
SR002	4.8W 12V IP20 Strip 6000K - 5M 60 LED/M	500 lm/m					
SR010	4.8W 12V IP20 Strip 4000K - 5M 60 LED/M	500 lm/m					
SR004	4.8W 12V IP20 Strip 3000K - 5M 60 LED/M	500 lm/m					
SR006	4.8W 12V IP20 Strip Blue - 5M 60 LED/M						
SR002A	4.8W 12V IP20 Strip 6000K - 50M Proj	500 lm/m					
SR010A	4.8W 12V IP20 Strip 4000K - 50M Proj						
SR004A	4.8W 12V IP20 Strip 3000K - 50M Proj						
SR006A	4.8W 12V IP20 Strip Blue - 50M Proj						
S213	9.6W 24V IP20 Strip 6000K - 1M 120 LED/M	960 lm/m	>83	120°	DC24V	Yes	2835 SMD
S215	9.6W 24V IP20 Strip 4000K - 1M 120 LED/M	960 lm/m					
S214	9.6W 24V IP20 Strip 3000K - 1M 120 LED/M	960 lm/m					
SR213	9.6W 24V IP20 Strip 6000K - 10M 120 LED/M	960 lm/m					
SR215	9.6W 24V IP20 Strip 4000K - 10M 120 LED/M	960 lm/m					
SR214	9.6W 24V IP20 Strip 3000K - 10M 120 LED/M	960lm/m					
SR213A	9.6W 24V IP20 Strip 6000K - 50M Proj	960lm/m					
SR215A	9.6W 24V IP20 Strip 4000K - 50M Proj	960lm/m					
SR214A	9.6W 24V IP20 Strip 3000K - 50M Proj	960lm/m					
S212	4.8W 24V IP20 Strip 4000K - 1M 60 LED/M	500 lm/m					
S211	4.8W 24V IP20 Strip 3000K - 1M 60 LED/M	500 lm/m					
SR212	4.8W 24V IP20 Strip 4000K - 10M 60 LED/M	500 lm/m					
SR211	4.8W 24V IP20 Strip 3000K - 10M 60 LED/M	500 lm/m					
SR212A	4.8W 24V IP20 Strip 4000K - 50M Proj	500 lm/m					
SR211A	4.8W 24V IP20 Strip 3000K - 50M Proj	500 lm/m					
SW207	14.4W 24V IP65 Outdoor Strip RGB - 1M 60 LED/M			120°	DC24V		5050 SMD
SWR207	14.4W 24V IP65 Outdoor Strip RGB - 10M 60 LED/M						
SWR207A	14.4W 24V IP65 Outdoor Strip RGB - 50M Proj						
SW004	4.8W 24V IP65 Strip 4000K - 1M 60 LED/M	500 lm/m		120°	DC24V		2835 SMD
SW002	4.8W 24V IP65 Strip 6000K - 1M 60 LED/M	500 lm/m					
SW010	4.8W 24V IP65 Strip 3000K - 1M 60 LED/M	500 lm/m					
SWR004	4.8W 24V IP65 Strip 4000K - 10M 60 LED/M	500 lm/m					
SWR002	4.8W 24V IP65 Strip 6000K - 10M 60 LED/M	500 lm/m					
SWR010	4.8W 24V IP65 Strip 3000K - 10M 60 LED/M	500 lm/m					
SWR002A	4.8W 24V IP65 Strip 6000K - 50M Proj	500 lm/m					
SWR004A	4.8W 24V IP65 Strip 4000K - 50M Proj	500 lm/m					
SWR010A	4.8W 24V IP65 Strip 3000K - 50M Proj	500 lm/m					
SW001	14.4W 12V IP65 Outdoor Strip 6000K - 1M 120 LED/M	1 400 lm/m	>83	120°	DC12V	Yes	2835 SMD
SW009	14.4W 12V IP65 Outdoor Strip 4000K - 1M 120 LED/M	1 400 lm/m					
SW003	14.4W 12V IP65 Outdoor Strip 3000K - 1M 120 LED/M	1 400 lm/m					
SWR001	14.4W 12V IP65 Outdoor Strip 6000K - 5M 120 LED/M	1 400 lm/m					
SWR009	14.4W 12V IP65 Outdoor Strip 4000K - 5M 120 LED/M	1 400 lm/m					
SWR003	14.4W 12V IP65 Outdoor Strip 3000K - 5M 120 LED/M	1 400 lm/m					
SWR001A	14.4W 12V IP65 Outdoor Strip 6000K - 50M Proj	1 400 lm/m					
SWR009A	14.4W 12V IP65 Outdoor Strip 4000K - 50M Proj	1 400 lm/m					
SWR003A	14.4W 12V IP65 Outdoor Strip 3000K - 50M Proj	1 400 lm/m					
SW011	10W 24V IP65 Outdoor Strip 6000K - 1M 120 LED/M	1 000 lm/m	>83	120°	DC24V	Yes	2835 SMD
SW012	10W 24V IP65 Outdoor Strip 4000K - 1M 120 LED/M	1 000 lm/m					
SW013	10W 24V IP65 Outdoor Strip 3000K - 1M 120 LED/M	1 000 lm/m					
SW014	10W 24V IP65 Outdoor Strip Blue - 1M 120 LED/M						
SWR011	10W 24V IP65 Outdoor Strip 6000K - 10M 120 LED/M	1 000 lm/m					
SWR012	10W 24V IP65 Outdoor Strip 4000K - 10M 120 LED/M	1 000 lm/m					
SWR013	10W 24V IP65 Outdoor Strip 3000K - 10M 120 LED/M	1 000 lm/m					
SWR014	10W 24V IP65 Outdoor Strip Blue - 10M 120 LED/M						
SWR011A	10W 24V IP65 Outdoor Strip 6000K - 50M Proj	1 000 lm/m					
SWR012A	10W 24V IP65 Outdoor Strip 4000K - 50M Proj	1 000 lm/m					
SWR013A	10W 24V IP65 Outdoor Strip 3000K - 50M Proj	1 000 lm/m					
SWR014A	10W 24V IP65 Outdoor Strip Blue - 50M Proj						

COB DOTLESS STRIP

10W /M **24V** **IP 20** **DIM** **6000K 4000K 3000K** **3 YEAR WARRANTY**

Certificates: CE, EMC

5000 mm

2.3 mm

Bend Direction
Rmin= 30mm

+24V +24V +24V +24V +24V +24V +24V +24V +24V +24V

150 mm

50 mm

8 mm

3.4 mm

ACCESSORIES

29 mm

7 mm

29 mm

L Shaped Connector
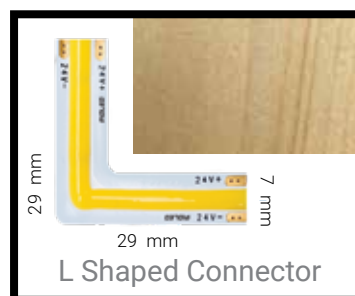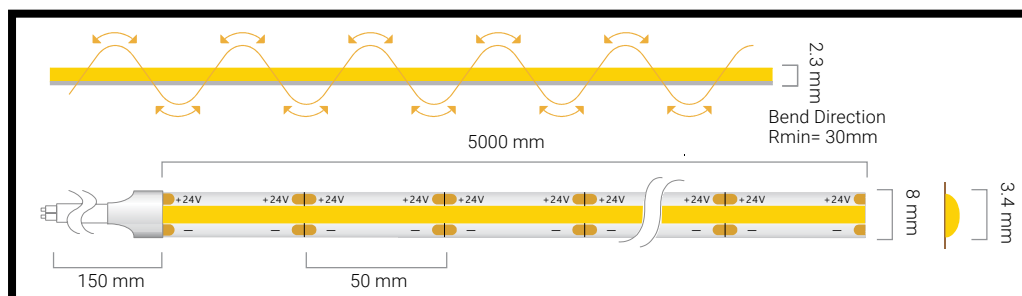
FEATURES

- 480 LED p/m **Uniform Dotless LED strip light** providing continuous illumination.
- **3Oz thick PCB**, designed to rapidly dissipate heat extending the LED Chips lifespan.
- Aluminium Profile is required when installing LED strip.
- Genuine **3M tape backing**, allowing for a long-lasting surface bonding solution.
- **Ultra-Customizable** with cutting points every 50mm.
- Available in 24V and requires pairing with one of our **24V DC Constant Voltage LED Drivers.**
- **Dimmable 24V COB LED Strip** with an Ultra High CRI > 90 for excellent colour rendering.
- 5m series installation with **no voltage drop.**
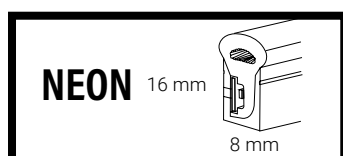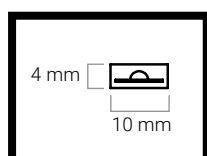- Suitable for use in all **commercial/ residential applications.**

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	DIMMABLE	OPERATING TEMP	LED CHIPS
S301	10W 24V COB IP20 Strip 6000K - 1M 480 LED/M							
S302	10W 24V COB IP20 Strip 4000K - 1M 480 LED/M							
S303	10W 24V COB IP20 Strip 3000K - 1M 480 LED/M	1 100lm/m	>90	180°	DC24V	Yes	-20~40°C	COB
SR301	10W 24V COB IP20 Strip 6000K - 5M 480 LED/M							
SR302	10W 24V COB IP20 Strip 4000K - 5M 480 LED/M							
SR303	10W 24V COB IP20 Strip 3000K - 5M 480 LED/M							
SR301A	10W 24V COB IP20 Strip 6000K - 50M Proj							
SR302A	10W 24V COB IP20 Strip 4000K - 50M Proj							
SR303A	10W 24V COB IP20 Strip 3000K - 50M Proj							
SR301L	10W 24V 480 COB IP20 Strip 6000K L Shaped Strip Joint							
SR302L	10W 24V 480 COB IP20 Strip 4000K L Shaped Strip Joint							
SR303L	10W 24V 480 COB IP20 Strip 3000K L Shaped Strip Joint							

MATRIX RUNNING STRIP

10W /M · **24V** · **IP 65** · **DIM** · **3CCT THREE COLOUR IN ONE** · **BLUE** · **2 YEAR WARRANTY**

Certificates: CE

4 mm / 10 mm

NEON 16 mm / 8 mm

RGB COMING SOON

FEATURES

- Slick, customizable **running LED strip light** available in 3CCT (3000K/4000K/6000K) or Blue.

- Available in 24V, our LED strip is standard dimmable and can be dimmed with the r**emote control**. The remote also allows you to select **multiple modes**.

- **3Oz thick PCB**, designed to quickly remove excess heat increasing the lifespan of the LEDs.

- **Cutting points** on our Matrix 3CCT LED strips – every 16.5cm with the blue cuttable every 12.5cm.

- Each controller can handle a **MAX of 150m** provide that every 10m an additional driver & amplifier is installed.

- Available in a **NEON casing** to provide seamless continuous LED illumination.

- Genuine 3M adhesive backing tape for a **safe & quick installation**.

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	DIMMABLE	OPERATING TEMP	HOUSING	LED CHIPS
SW401	IP65 24V MATRIX RUNNING Strip 3CCT - 1M								
SW402	IP65 24V MATRIX RUNNING Strip Blue - 1M								
SWR401	IP65 24V MATRIX RUNNING Strip 3CCT - 10M								
SWR402	IP65 24V MATRIX RUNNING Strip Blue - 10M	90lm/m	>83	120°	24V	Yes	-20~40°C	PVC	2835 Sanan
SW403	IP65 24V MATRIX RUNNING Strip/Neon 3CCT - 1M								
SW404	IP65 24V MATRIX RUNNING Strip/Neon Blue - 1M								
SWR403	IP65 24V MATRIX RUNNING Strip/Neon 3CCT - 10M								
SWR404	IP65 24V MATRIX RUNNING Strip/Neon Blue - 10M								
SW400A	Matrix 3CCT White Remote - with Controller								
SW400B	Matrix Single Colour Black Remote - with Controller								
SW400C	Matrix 1 to 8 24V Amplifier								
SW400D	Matrix 5CM 3wire F- connector								
SW400E	Matrix 5CM 3wire M-connector								
SW400F	Matrix IP65 Strip End Cap								
SW400G	Matrix Neon0816 5CM Alu 2holes Clips								
SW400H	Matrix Neon0816 End Cap - with hole								
SW400I	Matrix Neon0816 End Cap - no hole								

MATRIX RUNNING STRIP LIGHT **ACCESSORIES**

SW400A
Matrix 3CCT White
Remote - with Controller

SW400B
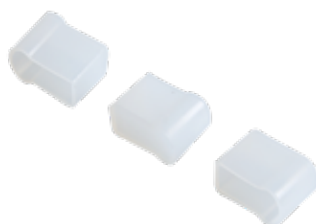Matrix Single Colour Black
Remote - with Controller

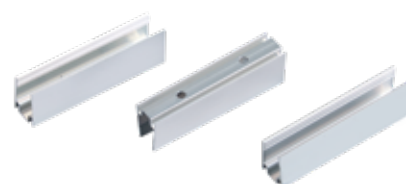
SW400C
Matrix 1 to 8 24V Amplifier

SW400D
Matrix 5CM 3wire F- connector

SW400E
Matrix 5CM 3wire M-connector
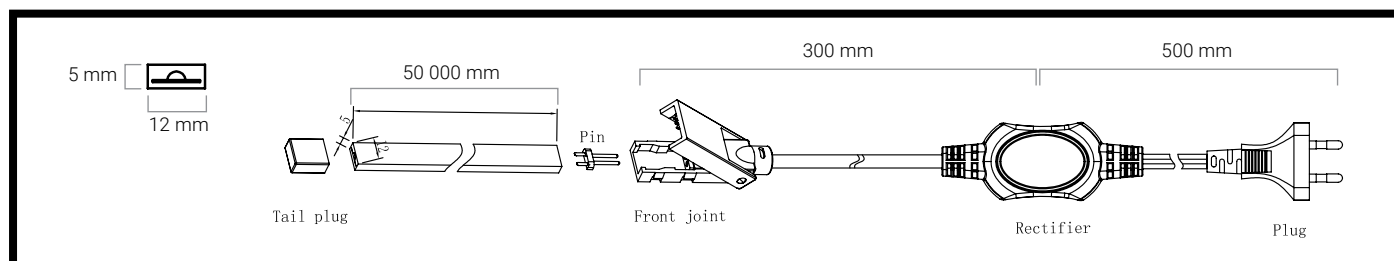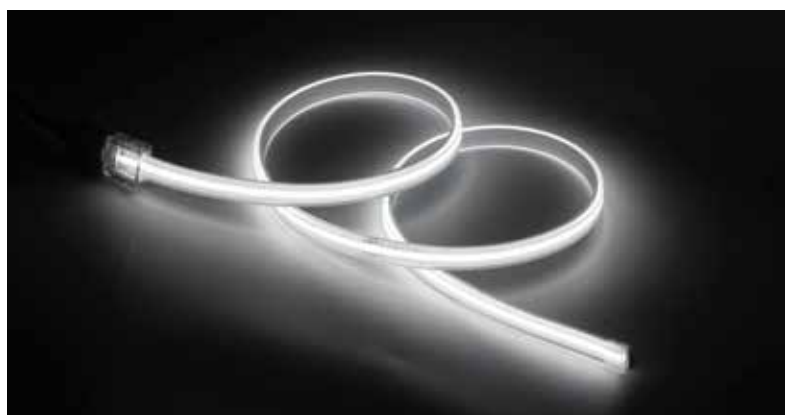

SW400F
Matrix IP65 Strip End Cap

SW400G
Matrix Neon0816 5CM
Alu 2holes Clips

230V COB
CONTINUOUS
DIMMABLE
FLEX
STRIP

11W/M | **230V** | **90 LUMEN PER WATT** | **IP 65** | **6000K 4000K 3000K**

BLUE | **DIM** | **PF 0.9** | **2 YEAR WARRANTY**

Certificates: CE, EMC, IEC60598

5 mm
12 mm

50 000 mm

300 mm

500 mm

Tail plug

Pin

Front joint

Rectifier

Plug

FEATURES

- 480 LED p/m **Uniform Dotless LED strip light** providing Linear illumination.

- **3Oz thick PCB**, designed to rapidly dissipate heat extending the LED Chips lifespan.

- Optional **3M Waterproof tape backing**, allowing for a long-lasting surface bonding solution.

- **Ultra-Customizable** with cutting points every 50cm.

- 50m series installation with **no voltage drop.**

- Suitable for use in all **commercial/residential applications.**

- Fits into all our aluminium profiles or our **230V Clear Profile.**

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	DIMMABLE	OPERATING TEMP	HOUSING	LED CHIPS
X021	11W 230V COB IP65 Continuous Flex Strip 6000K - 50CM cut - 1M 480 LED/M	1000lm/m	>83	180°	220V -265V	Yes	-20~40°C	Anti-UV Silicon	COB
X022	11W 230V COB IP65 Continuous Flex Strip 4000K - 50CM cut - 1M 480 LED/M								
X023	11W 230V COB IP65 Continuous Flex Strip 3000K - 50CM cut - 1M 480 LED/M								
X024	11W 230V COB IP65 Continuous Flex Strip Blue - 50CM cut - 1M 480 LED/M								
XR021	11W 230V COB IP65 Continuous Flex Strip 6000K - 50CM cut - 50M 480 LED/M	1000lm/m	>83	180°	220V -265V	Yes	-20~40°C	Anti-UV Silicon	COB
XR022	11W 230V COB IP65 Continuous Flex Strip 4000K - 50CM cut - 50M 480 LED/M								
XR023	11W 230V COB IP65 Continuous Flex Strip 3000K - 50CM cut - 50M 480 LED/M								
XR024	11W 230V COB IP65 Continuous Flex Strip Blue - 50CM cut - 50M 480 LED/M								
XA016	Power plug IP20 for 230V COB Continuous Flex								
XA017	End cap for 230V COB Continuous Flex								
XA014	Clear PC Profile-2m								
R112	3M Waterproof 12mm 2-Side Tape 33m/R								

LED STRIP LIGHT
ALUMINIUM PROFILES

SURFACE/RECESSED PROFILES
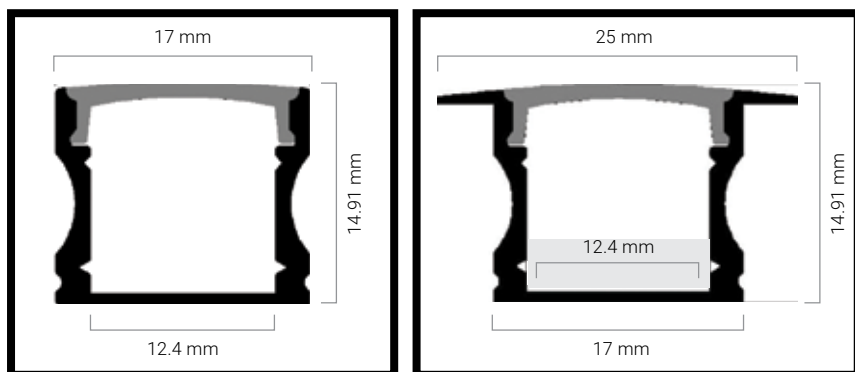#### Available in I716 Dotless, 1616 Corner & Slim 27/28

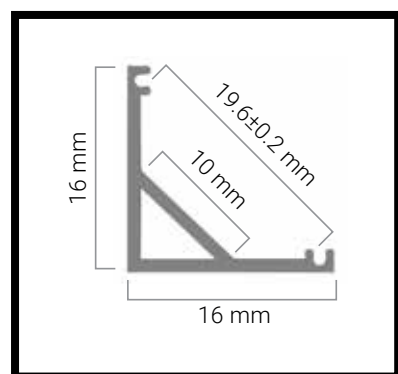**SLIM 27/28 ALUMINIUM PROFILES NOW AVAILABLE IN BLACK**

CODE	DESCRIPTION
CH311	Corner Profile S1616- 2M
CH321	Opal Cover Round S1616 - 2M
CH331	Opal Cover Square S1616 - 2M
CH34	Steel Holder - S1616
CH351	End Cap for Round S1616 / pair
CH361	End Cap for Square S1616 / pair
CH37	90D Corner Connector S1616
CH41	AL Slim27 Surface Profile - 2M
CH42	Opal Cover Slim27n28n1716 - 2M
CH43	Clear Cover Slim27n28n1716 - 2M
CH44	End Cap Slim27 x 2 / Pair
CH45	Steel Holder for Slim27n28n1716
CH51	AL Slim28 Profile Recessed - 2M
CH52	End Cap Slim28 x 2 / Pair
CH61	AL Dotless 1716 Profile Surface - 2M
CH62	AL Dotless 1716 Profile Recessed - 2M
CH63	End Cap 1716 Surface x 2 / Pair
CH64	End Cap 1716 Recessed x 2 / Pair
CH70	BLACK AL Slim27 Profile - 2M
CH71	Black Opal Cover Slim27/28 - 2M
CH72	CH72 Black End Cap Slim27 x 2 / Pair
CH73	BLACK AL Slim28 Profile Recessed - 2M
CH74	BLACK End Cap Slim28 x 2 / Pair

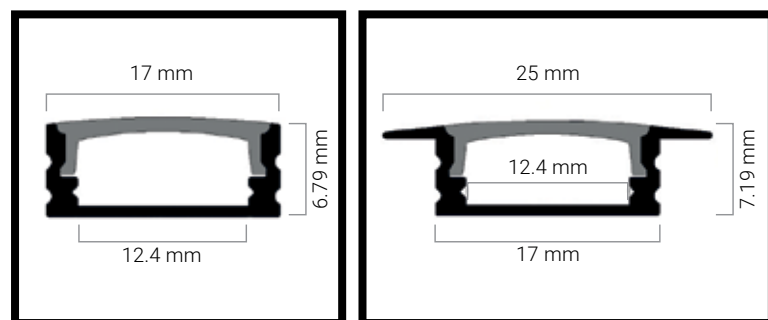# 1716 DOTLESS ALUMINIUM PROFILE

17 mm

14.91 mm

12.4 mm

25 mm

14.91 mm

12.4 mm

17 mm

1616 CORNER ALUMINIUM PROFILE

19.6±0.2 mm

16 mm

10 mm

16 mm

SLIM 27/28 ALUMINIUM PROFILE

17 mm

6.79 mm

12.4 mm

25 mm

12.4 mm

7.19 mm

17 mm

230V 10CM CUT SLIM ROPE

1 YEAR WARRANTY

6000K 4000K 3000K

10CM CUT

9W /M

230V

DIM

BLUE

100 LUMEN PER WATT

1 kv SURGE PROTECTION

PF >0.9

Certificates: CE, EMC, IEC60598

4.5mm

10mm 4.6mm

PioLED
AC230V PIO-230-STR-09W/M 2302W1

PioLED
AC230V PIO-230-STR-09W/M 2302W1

PioLE
AC230V PIO-23

100 mm ✂
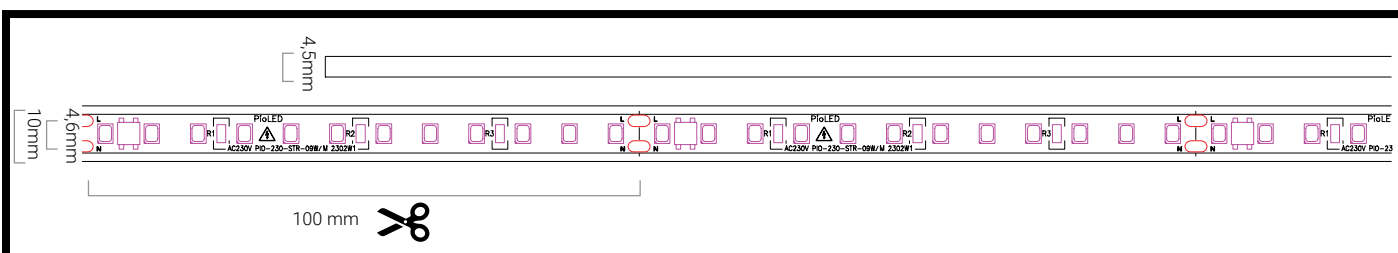
FEATURES

- Highly flexible PVC, **UV and Corrosion resistant.**
- **Prismatic diffuser** reducing glare with 98% light transmittance.
- New wireless PCB design, high safety level.
- Run up to **50 metre** off one power cord with **zero volt drop.**

- Convenient to assemble, **patented plug design.**
- Integrated copper chip**, low heat** and good heat dissipation.
- Optional **3M Waterproof tape backing**, allowing for a long-lasting surface bonding solution.
- 2023 New Technology with the latest Wireless PCB design for maximum efficiency.

- **NEW 10cm Cut** LED Striplight allowing for an ultra-customizable 220V LED strip solution.
- **2835 0.5W High efficiency** LED with a PF >0.9.
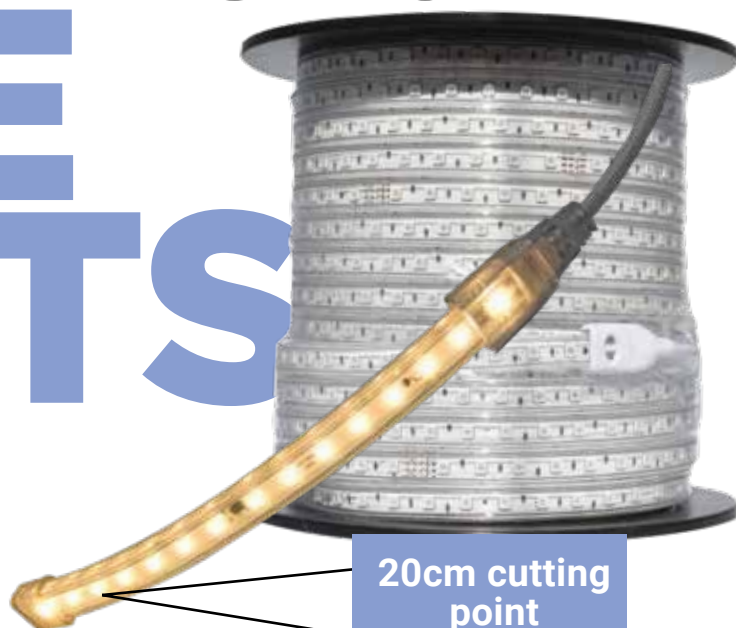- Our 230V 10cm Cut LED strip can fit into all our **aluminium profiles.**

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	LED CHIPS
X301	9W 230V IP65 Slim Strip Lights-10cm cut 6000K	900lm/M	>83	120°	AC 220-260V	Highly Flexible PVC	2835 0.5W High Efficiency LED
X302	9W 230V IP65 Slim Strip Lights-10cm cut 4000K						
X303	9W 230V IP65 Slim Strip Lights-10cm cut 3000K						
X304	9W 230V IP65 Slim Strip Lights-10cm cut Blue						
XR301	9W 230V IP65 Slim Strip Lights-10cm cut 6000K						
XR302	9W 230V IP65 Slim Strip Lights-10cm cut 4000K						
XR303	9W 230V IP65 Slim Strip Lights-10cm cut 3000K						
XR304	9W 230V IP65 Slim Strip Lights-10cm cut Blue						
XA020	Power Plug IP20 for 230V Slim 10cm Cut Strip						
XA021	End Cap for 230V Slim 10cm Cut Strip						
XA022	Middle connector for 230V Slim 10cm Cut Strip						
XA023	PC Clip for 230V Slim 10cm Cut Strip - 2 holes						
XA024	Adh-Heatshrink D9.5 - Slim 10cm Cut Rope End Cap 1M						
XA025	2 Way connector for 230V 10cm Cut single Colour						

LED 230V
ROPE
LIGHTS

230V

90 LUMEN PER WATT

1 kv SURGE PROTECTION

DIM

PF > 0.9

2 YEAR WARRANTY

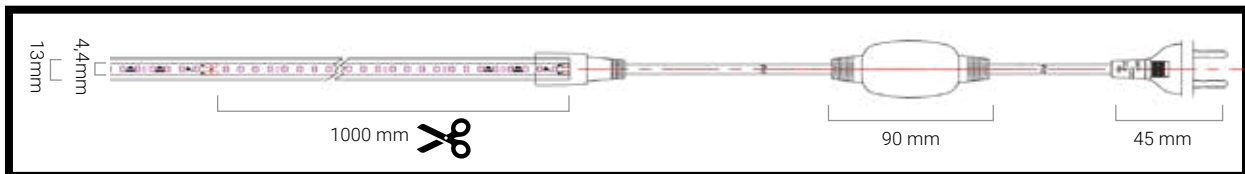*Certificates:* CE, EMC, IEC60598

20cm cutting point

FEATURES

- Highly flexible PVC, **UV and Corrosion resistant.**
- **Prismatic diffuser** reducing glare with 98% light transmittance.
- New wireless PCB design, high safety level.

- Run up to **50 metre** off one power cord with **zero volt drop.**
- 2835 0.5W High efficiency LED with a **PF >0.9**.
- Convenient to assemble, **patented plug design.**

- Integrated copper chip**, low heat** and good heat dissipation.
- Optional **3M Waterproof tape backing**, allowing for a long-lasting surface bonding solution.
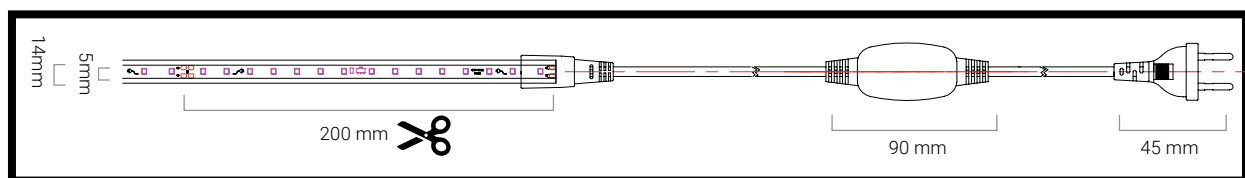
1M CUT

8W /M

DIM

RGB

13mm · 4.4mm

1000 mm ✂

90 mm

45 mm

20CM CUT

9W /M

DIM · MAGENTA · AMBER · RED · BLUE · GREEN

14mm · 5mm

200 mm ✂

90 mm

45 mm

ROPE LIGHT ACCESSORIES

XA001
Max 50m LED Rope
Power Plug 230V
Single Colour · PVC
220V-260V

XA002
Max 50m LED Rope
Power Plug and Remote
230V RGB · Metal
220V-260V

XA003
PC Clip for 230V
Rope-1 Hole · PC
15 x 10 x 8.5 mm

XA004
PC Clip for 230V
Rope-2 Holes · PC
14.5 x 7 mm

XA005
End Cap for Rope Light
PVC
13.5 x 6 x 13.5 mm

XA007
End2End Connector Rope
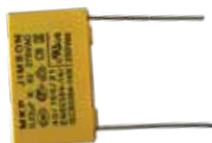Single Colour · PVC
45 x 17 x 10 mm

XA008
End2End Connector
Rope RGB IP20 · PC
40 x 25 x 10 mm

XA009/ XA010
Adh-Heatshrink D15/ D19 -
1M Rope · Single Colour
D15/D19
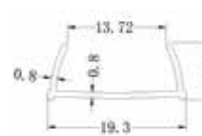
R112
3M Waterproof 12mm
2-Side Tape 33m/R

XA011
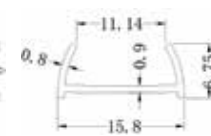Yellow Capacitor
Dimmable

XA013
2 Way connector for 230V
Single Colour · PC
38 x 22 x 9 mm

XA014
XA015
2m Profile · Clear
Single Colour/RGB

13,72 · 0,8 · 19,3

11,14 · 0,8 · 15,8 · 6,75

Dimensions of RGB

**Dimensions of
One Colour**

CODE	DESCRIPTION	LUMEN OUTPUT	CRI	BEAM	INPUT VOLTAGE	HOUSING	LED CHIPS
X009	8W 230V IP65 Strip Lights-1M cut RGB /m		>83	120°	AC 220-260V	Highly Flexible PVC	2835 x 60pcs/m
XR009	8W 230V IP65 Strip Lights-1M cut RGB 50M						
X011	9W 230V IP65 Strip Lights 6000K 20CM cut	900lm/M					
X012	9W 230V IP65 Strip Lights 4000K 20CM cut	900lm/M					
X013	9W 230V IP65 Strip Lights 3000K 20CM cut	900lm/M					
X015	9W 230V IP65 Strip Lights Blue 20CM cut						
X016	9W 230V IP65 Strip Lights Red 20CM cut						
X017	9W 230V IP65 Strip Lights Green 20CM cut						
X018	9W 230V IP65 Strip Lights Amber 20CM cut						
X019	9W 230V IP65 Strip Lights Magenta 20CM cut						
XR011	9W 230V IP65 Strip Lights 6000K 20CM cut 50M	900lm/M					
XR012	9W 230V IP65 Strip Lights 4000K 20CM cut 50M	900lm/M					
XR013	9W 230V IP65 Strip Lights 3000K 20CM cut 50M	900lm/M	>83	120°	AC 220-260V	Highly Flexible PVC	2835x 75pcs/m
XR015	9W 230V IP65 Strip Lights Blue 20CM cut 50M						
XR016	9W 230V IP65 Strip Lights Red 20CM cut 50M						
XR017	9W 230V IP65 Strip Lights Green 20CM cut 50M						
XR018	9W 230V IP65 Strip Lights Amber 20CM cut 50M						
XR019	9W 230V IP65 Strip Lights Magenta 20CM cut 50M						
XR011a	9W 230V IP65 Strip Lights 6000K 20CM cut 100M	900lm/M					
XR012a	9W 230V IP65 Strip Lights 4000K 20CM cut 100M	900lm/M					
XR013a	9W 230V IP65 Strip Lights 3000K 20CM cut 100M	900lm/M					
XR015a	9W 230V IP65 Strip Lights Blue 20CM cut 100M						
XR016a	9W 230V IP65 Strip Lights Red 20CM cut 100M						
XR017a	9W 230V IP65 Strip Lights Green 20CM cut 100M						
XR018a	9W 230V IP65 Strip Lights Amber 20CM cut 100M						
XR019a	9W 230V IP65 Strip Lights Magenta 20CM cut 100M						
R112	3M Waterproof 12mm 2-Side Tape 33m/R						

DC 12/24V LED DRIVERS

1kV SURGE PROTECTION

2 YEAR WARRANTY

PS001
18W | IP20 | 1.5A
LED **12V** CV Driver
L93 x W45 x H25

PS002
38W | IP20 | 3.2A
LED **12V** CV Driver
L85 x W58 x H33

PS003
60W | IP20 | 5A
LED **12V** CV Driver
L170 x W34 x H23

PS004
120W | IP20 | 10A
LED **12V** CV Driver
L205 x W48 x H29

PS005
200W | IP20 | 16.7A
LED **12V** CV Driver
L205 x W48x H29

PS007
400W | IP20 | 32A
LED **12V** CV Driver
L236 x W49 x H29

IP 67

PS008
50W | **IP67** | 4.1A
LED **12V** CV Driver
L202 x W35 x H25

IP 67

PS009
100W | **IP67** | 8.2A
LED **12V** CV Driver
L183 x W63 x H18

PS002a
30W | IP20 | 1.25A
LED **24V** CV Driver
L135 x W35 x H23

PS003a
60W | IP20 | 2.5A
LED **24V** CV Driver
L170 x W35 x H23

PS004a
120W | IP20 | 5A
LED **24V** CV Driver
L195 x W48 x H29

PS005a
200W | IP20 | 8.3A
LED **24V** CV Driver
L195 x W48 x H29

PS007a
400W | IP20 | 17A
LED **24V** CV Driver
L236 x W49 x H29

IP 67

PS010
150W | **IP67** | 6A
LED **24V** CV Driver
L210 x W58 x H32

IP 67

PS011
250W | **IP67** | 11A
LED **24V** CV Driver
L230 x W72 x H31

DIM

PS005D- Dim
200W | IP20 | 8.3A
LED **24V** CV Driver
L230 x W72 x H31

PIOLED FLOODLIGHT COVERAGE

WATTAGE	MOUNTING HEIGHT (metres)	EFFECTIVE AREA (sqm) FOR PIOLED...		
		NANO/COMBAT FLOODLIGHTS	THOR COASTAL FLOODLIGHTS	MODULAR HEAVY DUTY FLOODLIGHTS
10W	3 m	20 (4.5 x 4.5m)		
20W	3 m	36 (6 x 6m)	50 (7.2 x 7.2m)	
30W	5 m	55 (7.5 x 7.5m)	72 (8.5 x 8.5m)	
50W	5 m	85 (9 x 9m)	130 (11.5m x 11.5m)	
100W	5 m	170 (13 x 13m)	260 (16m x 16m)	350 (18.5 x 18.5m)
120W	8 m			520 (23 x 23m)
200W	8 m	340 (18.5 x 18.5m)	480 (22.5m x 22.5m)	
240W	8 m			780 (28 x 28m)
480W	8 m			1500 (39 x 39)
500W	8 m	900 (30 x 30m)		
960W	8 m			2500 (50 x 50)

*All sqm measurements are to be used as a guideline when selecting for general flood lighting applications only

Notes

PIOLED LIGHTING
SINCE 2008

DURBAN HO
Trafford Park, Unit 1B,
22-28 Trafford Road Pinetown,
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Northmead Industrial Park,
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steven@pioledlighting.africa

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010 020 5426
keegan@pioledlighting.africa

CAPE TOWN
6 Jig Road , Unit 4,
Montague Gardens,
Cape Town, South Africa
021 555 2399
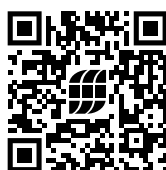ashraf@pioledlighting.africa

EASTERN CAPE
063 298 1023
constant@pioledlighting.africa

PROUD PIOLED LIGHTING DISTRIBUTOR

SCAN
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add us on WhatsApp

www.pioledlighting.co.za   071 862 2789

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w w w . p i o l e d l i g h t i n g . c o . z a