# LEDFIRE SM CORE IP65

Core Surface Mounted IP65 Emergency Luminaire

- Non-maintained operation
- Fully compliant (AS/NZS 2293)
- Weatherproof IP65 rating
- Low energy consumption (avg. 0.4W)
- Wall, ceiling and rod mounting (with rod mount kit)
- High quality LiFePO4 battery
- Available in black or white

## ORDERING INFORMATION

| | |
|---|---|
| Order code | 11547 |
| Description | Ledfire Core Surface Mount IP65 - Black - D50 |
| Driver Type | Fixed output |
| Item Code | EV-LEDFIRE-SM-CORE-IP65-B |

## DRIVER

| | |
|---|---|
| Driver Included | Yes |
| Integrated Driver | Yes |
| Driver Type | Fixed output |
| Wiring Type | Re-wireable terminal block (3 pin) |

## MECHANICAL

| | |
|---|---|
| Body Material | Polycarbonate |
| Fitting Colour | Black |
| Installation Type | Surface mount |
| IP Rating | IP65 |

## EMERGENCY (EM SUFFIX)

| | |
|---|---|
| Replacement Battery Code | 13845 |
| Emergency Classification | C0:D50, C90:D50 |
| Emergency Duration | 90 mins |
| Emergency Lumen Output | 250 lm |
| Emergency Mode | Non-Maintained |
| Emergency Output Power | 1650 mW |

## ELECTRICAL

| | |
|---|---|
| Electrical Rating | Class II |
| Input Frequency | 50 Hz |
| Input voltage | 230Vac |

In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%

| | |
|---|---|
| Maximum Wattage | 2 W |
| Standby Power | 0.4 W |

Standby power for non-maintained/switched maintained emergency devices is measured when the light is off and the charger is in standby mode. For maintained emergency devices, standby power is measured when the light is on and the charger is in standby mode. Typically, charging occurs for the first 16 hours after the device is powered or after a battery discharge.

| | |
|---|---|
| Working Temp Range | 0 to 40 °C |

## COMPLIANCE

| | |
|---|---|
| Product Design Life | 6 years |

The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

| | |
|---|---|
| Standards | AS/NZS 60598.1 |
| | AS 60598.2.22 |
| | AS/NZS 61347.1 |
| | AS/NZS 61347.2.13 |
| | AS CISPR 15 |
| | AS/NZS 2293.3 |

# WARRANTY

| | |
|---|---|
| **Commercial Use Warranty** | 5 RTB (Total 5 Years) |

# DIMENSIONS

| | |
|---|---|
| **Product Height** | 48 mm |
| **Product Length** | 145 mm |
| **Product Width** | 145 mm |

# LINE DRAWINGS

**EV/LEDFIRE/SM/CORE/IP65/7/1**

ROD MOUNTING (OPTIONAL)

8kg MAX.

Ø25

M5

Philips screw / locknut detail

Rod mount accessory (not included)

Torque to 1.5 NM MAX.

**EV/LEDFIRE/SM/CORE/IP65**

145mm

145mm

48mm
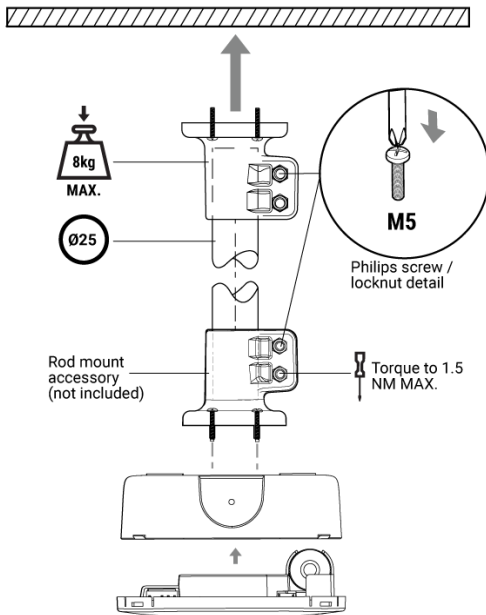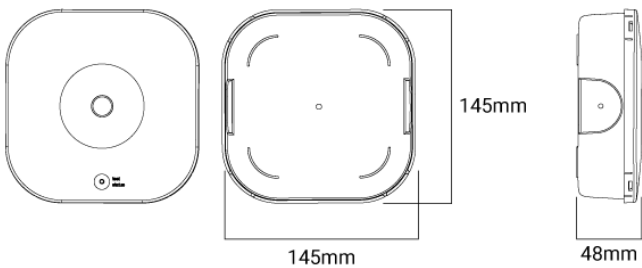
# PHOTOMETRICS

**EV/LEDFIRE/SM/CORE/IP65**

Diam=60mm

90

0

180

270

C Halfplanes

180.0 ——— 0.0

270.0 ——— 90.0

Flux 259 lm
Maximum 238.93 cd/klm
Position C=0.00 G=0.00
Efficiency: 100.00%
Date: 07-07-2022
Asymmetrical

120° Gamma Angles 180° 120°

105° 105°

90° 70 90°

75° 70 75°

60° 140 60°

45° 210 45°

280

350 cd/klm

30° 15° 0° 15° 30°
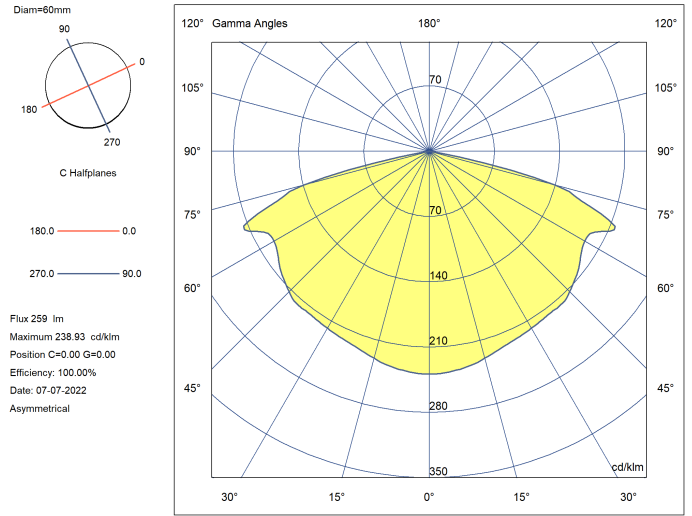
# ACCESSORIES

| | |
|---|---|
| **Order code** | 02004 |
| **Description** | Rodmount Brackets only for roof and luminaire body - Black (Rod size -25mm) |
| **Item Code** | EV-RODMOUNT-BLK |

Information is subject to change without prior notice. Images are for illustrative purposes only.  E&OE