

LED FIRE SM PRO

Professional Surface Mounted Emergency Luminaire

- Non-maintained operation
- Soft-start charger to reduce building load
- Lowest energy consumption (avg. <0.25W)
- Selectable discharge rating for hazardous areas
- Fast emergency switch-over (<0.5s) for high-task areas
- Long life electronics
- 12 years design life at max. ambient
- High Quality Lithium battery (LiFePO4) and smart charger
- Standalone (SPU)
- Self test (AS2293/ IEC62034)
- DALI (IEC62386)
- Ektor wired monitored system



ORDERING INFORMATION	
Order code	01689
Description	Ledfire Surface Mounted Emergency Luminaire -D80
Driver Type	DALI DT1 Emergency
Item Code	EV-LED FIRE-SM-PRO

MECHANICAL	
Body Material	Polycarbonate
Fitting Colour	White
Installation Type	Surface mount
IP Rating	IP20

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	3 W
Standby Power	0.25 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

COLOUR TEMPERATURE	
LED Wattage	4.3 W

DRIVER	
Dimmable	No
Driver Included	Yes
Driver Type	DALI DT1 Emergency
Wiring Type	Re-wireable terminal block (5 pin)

EMERGENCY (EM SUFFIX)	
Replacement Battery Code	01303
Emergency Classification	C0:D80, C90:D80
Emergency Control	DALI Monitored (DT1)
DALI Monitored ~ Supports Emergency test and monitoring over DALI (IEC62386) with full compliance to IEC62386-202.	
Emergency Duration	90 mins
Emergency Lumen Output	370 lm
Emergency Mode	Non-Maintained
Emergency Output Power	4300 mW

COMPLIANCE

Product Design Life 12 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 8 RTB (Total 8 Years)

DIMENSIONS

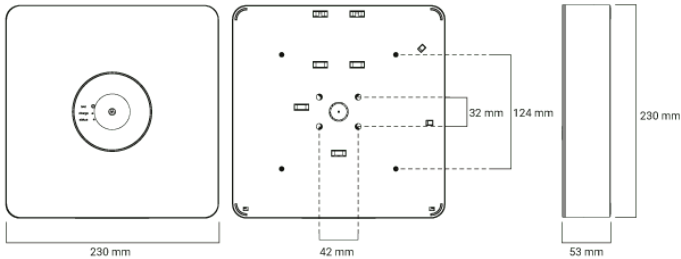
Product Height 53 mm

Product Length 230 mm

Product Width 230 mm

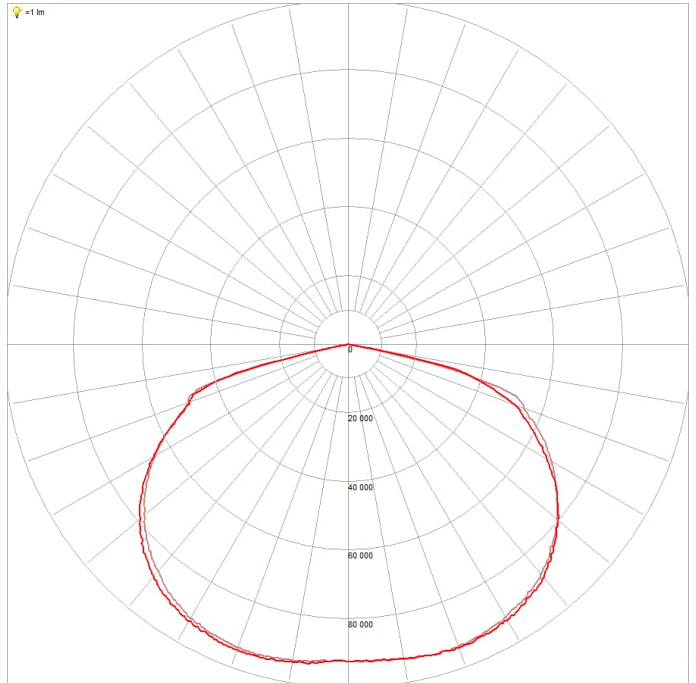
LINE DRAWINGS

EV/LEDFIRE/SM



PHOTOMETRICS

EV/LEDFIRE/SM/B_01690





ACCESSORIES

ORDER CODE	ITEM CODE	DESCRIPTION
11967	EV-DAUGHTERBOARD-LK	Ektor Lynk wireless daughterboard
12909	EV-LEDFIRE-SM-CAN	Surface Mount Can IP20 for EV-LEDFIRE - White
03923	EV-LEDFIRE-SM-CASE	Ledfire surface mount Weatherproof case IP66
02004	EV-RODMOUNT-BLK	Rodmount Brackets only for roof and luminaire body - Black (Rod size -25mm)
01990	EV-RODMOUNT-WHT	Rodmount Brackets only for roof and luminaire body - White (Rod size 25mm)