

EV-RAZOR-SM-CORE-24M

Razor Core Slimblade Surface Mounted Emergency Exit, 24m

FEATURES

- Single and double sided decals
- Available in low illumination area black model
- Replaceable easy fit, quick-release decals
- LED light source
- Long life electronics
- 5 Years Design Life - 44,000 hours at max. ambient
- High Quality Lithium battery (LiFePO4) and smart charger
- Standalone (SPU)



MECHANICAL

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

ELECTRICAL

Electrical Rating	Class II
Input Current	0.028 A
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	3.5 W
Standby Power	2.3 W
Standby power for maintained emergency devices is measured when the light is on and the charger is in standby. Typically charging occurs for the first 16 hours after the device is powered or after a discharge. For non-maintained emergency devices or DALI controlled devices this is measured when the light is off and charger is in standby mode.	
Working Temp Range	0 to 55 °C

LAMP

CCT Configuration	Single
CRI	>80
Lamp/LED Current	100 mA
Lamp/LED voltage	9 V

LED LIFETIME

LED Lifetime	>100,000 hrs
This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states " The Calculated and Projected Lp(Dk) are not to be reported: This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.	
LED Lifetime Rating	>78Y3M

AS2293.3-2018 Projection of Light source life for LED Exit signs (appendix E) Defines the projected time until the surface luminance falls below the minimum required surface luminance for an exit sign.

COLOUR TEMPERATURE

CCT	6000K
LED Wattage	1 W



DRIVER

Dimmable	No
Driver Included	Yes
Integrated Driver	Yes
Driver Type	Fixed output
Wiring Type	Re-wireable terminal block (2 pin)

EMERGENCY (EM SUFFIX)

Replacement Battery Code	13972
Emergency Classification	C0:E6.3, C90:E20
Decal Size	300 x 150 mm
Emergency Duration	120 mins
Emergency Mode	Maintained
Emergency Output Power	1000 mW
Viewing Distance	24 m

COMPLIANCE

Product Design Life	50000 hrs
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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 lifetime of the LEDs. The product design life is calculated at the maximum ambient or working temperature of the product.

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
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WARRANTY

Commercial Use Warranty	2 RTB (Total 2 Years)
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DIMENSIONS

Product Height	203 mm
Product Length	315 mm
Product Width	52 mm

ORDERING INFORMATION

Order code	12123
Description	EV-RAZOR-SM-CORE-24M~Ektor Razor Core Surface-mount Exit light 24M
Item Code	EV-RAZOR-SM-CORE-24M

LINE DRAWINGS

EV/RAZOR/SM/CORE/24M

