

EV-RAZOR-CORE-24M

Razor Core Slimblade Recessed Emergency Exit, 24m

FEATURES

- Single and double-sided decals
- Available in low illumination area black model
- Chain and rod mounting with Surface and Rod Mount Kit
- 5 Years Design Life - 44,000 hours at max. ambient
- High Quality Lithium battery (LiFePO4) and smart charger
- Single Point Unit (SPU)
- Fully compliant (AS/NZS 2293)



MECHANICAL	
Body Material	Polycarbonate
Diffuser Material	PMMA
Fitting Colour	White
Installation Type	Recessed
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	0.1 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	>78Y/3M

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
Flex & Plug or Lead Length	1200 mm
Wiring Type	Re-wireable Flex & Plug (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

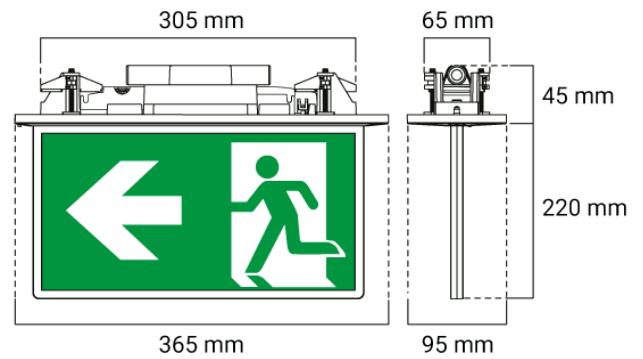
Minimum Ceiling Depth	100 mm
Cutout	305 x 65 mm
Product Height	266 mm
Product Length	365 mm
Product Width	95 mm

ORDERING INFORMATION

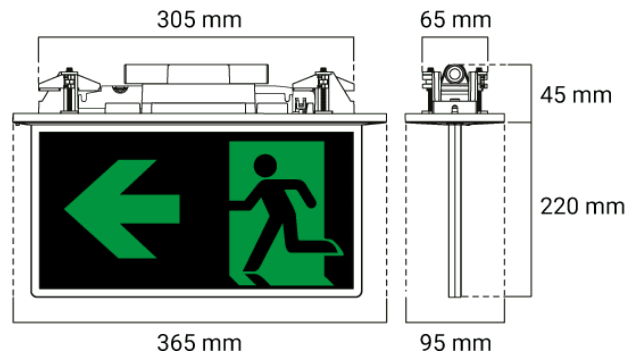
Order code	12121
Description	EV-RAZOR-CORE-24M~Razor Core recessed Exit light 24M
Item Code	EV-RAZOR-CORE-24M

LINE DRAWINGS

EV/RAZOR/CORE/24M



EV/RAZOR/CORE/24M/B



PHOTOMETRICS

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