

# RAZOR SM PRO

Razor Professional Surface Mounted Emergency Exit, 24m



## ORDERING INFORMATION

<b>Order code</b>	12296
<b>Description</b>	Razor Pro Surface-mount Exit light - 24M - Black
<b>Driver Type</b>	DALI DT1 Emergency
<b>Item Code</b>	EV-RAZOR-SM-PRO-24M-B-DA

## MECHANICAL

<b>Body Material</b>	Polycarbonate
<b>Diffuser Material</b>	PMMA
<b>Fitting Colour</b>	Black
<b>Installation Type</b>	Surface mount
<b>IP Rating</b>	IP20

## ELECTRICAL

<b>Electrical Rating</b>	Class II
<b>Input Frequency</b>	50 Hz
<b>Input voltage</b>	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%

<b>Maximum Wattage</b>	2 W
<b>Standby Power</b>	1.7 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.

<b>Working Temp Range</b>	0 to 40 °C
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## DRIVER

<b>Driver Included</b>	Yes
<b>Integrated Driver</b>	Yes
<b>Driver Type</b>	DALI DT1 Emergency
<b>Wiring Type</b>	Re-wireable terminal block (5 pin)

## EMERGENCY (EM SUFFIX)

<b>Replacement Battery Code</b>	13845
<b>Emergency Control</b>	DALI Monitored (DT1)
DALI Monitored ~ Supports Emergency test and monitoring over DALI (IEC62386) with full compliance to IEC62386-202.	
<b>Decal Size</b>	300 x 150 mm
<b>Emergency Duration</b>	90 mins
<b>Emergency Light Source Life</b>	51Y/01M
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.	
<b>Emergency Mode</b>	Maintained
<b>Emergency Output Power</b>	350 mW
<b>Viewing Distance</b>	24 m

## 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

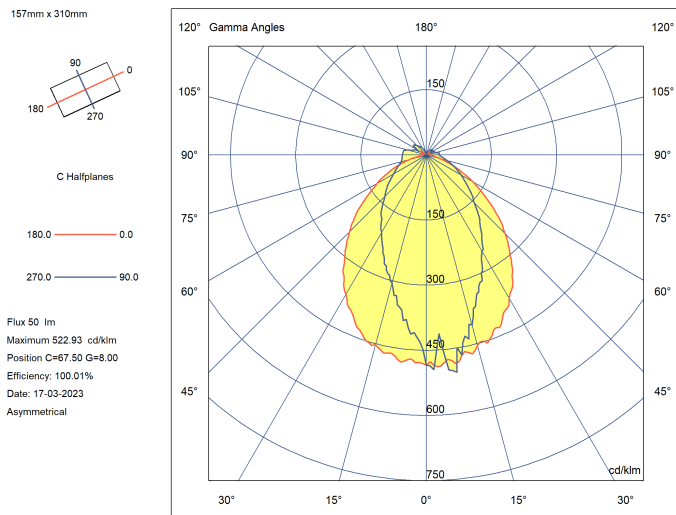
**Product Height** 203 mm

**Product Length** 315 mm

**Product Width** 52 mm

## PHOTOMETRICS

### EV/RAZOR/SM/PRO/24M



## ACCESSORIES

**Order code** 02992

**Description** Razor 24M-replacement diffuser blade to suit 02687-including RM Decal pack-Black

**Item Code** EV-RAZOR-24M-DIFF-B

**Order code** 02988

**Description** Razor 24m decal pack - Black to suit 02687

**Item Code** EV-RAZOR-24M-DP-B

**Order code** 15196

**Description** Wall Bracket to suit EV-RAZOR-SM-CORE - White

**Item Code** EV-RAZOR-SM-CORE-WB