

Soar III

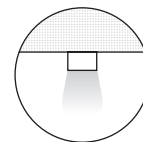
SPECIFICATION DOCUMENT

RICOMAN



Overview

Multi purpose surface mounted emergency IP65 downlight, offering both open area and escape route optics. It comes with integral driver and LiFePO4 battery pack and an switchable between self test and manual test. Available as a round or a square version.

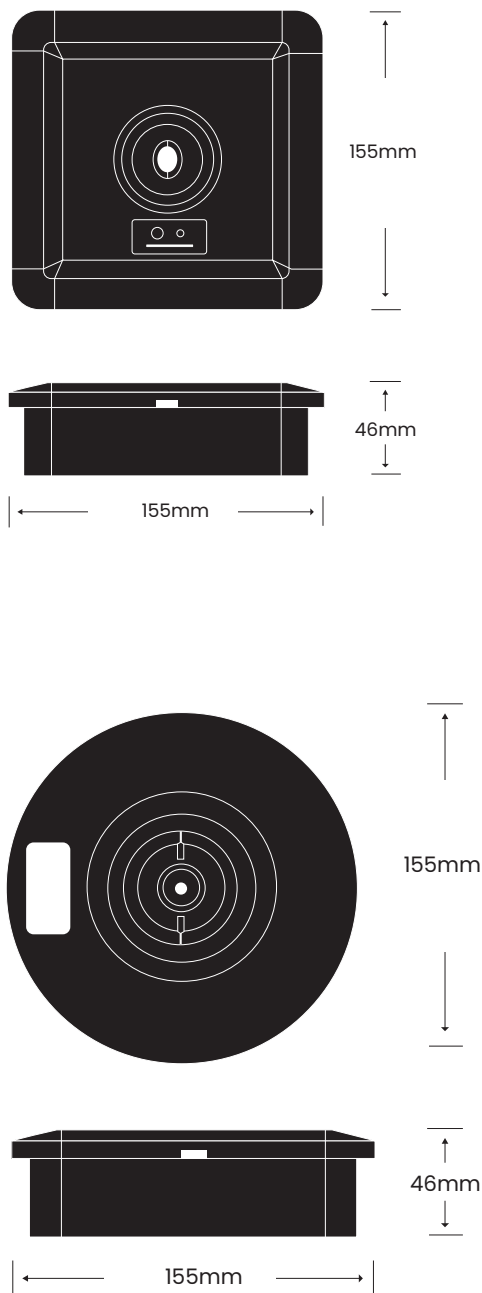


Finish: ☐ White ☒ Black

Power: 2W

Kelvin: 6500K

Technical Drawings



Overview

Applications	Interior
Construction Material	Polycarbonate
IP Rating	IP65
IK Rating	N/A
Class	Class II
Mounting	Surface mounted
Weight (kg)	0.35
Dimensions (mm)	Round: Ø 155 x 46 Square: 155 x 46
Ambient Temperature	0°C to +45°C
Warranty	3 years

Luminaire Output

Colour Temperature	6500K
Efficacy	~ 115 Lm/W
Lumens	Open area: 280lm Corridor: 230lm
Operating Hours	30,000
Beam angle	Open area: 150° Corridor: 80x30°
Emergency Type	Switchable Self test and Manual test
CRI	70

Supply & Power

Voltage Range	AC220~240V
Power Factor	0.2
Running Current	0.03A
Input Power	Max. 1.6W
Emergency Power	2W
Inrush Current	<16A
LED Forward Voltage / Current	6V / 640mA
LED Chip Lifetime (L70)	>102000hrs
SDCM	N/A
Maintained	Non maintained
Battery	LiFePO4 3.2V 3.3Ah
Battery duration	>3 hours
Emergency Lumen	OA: 280lm CR:230lm

Product Codes & Specifications

Soar III

Code	Description	Colour	Shape
R221562/WT	Soar III - Round, White Housing, Surface Emergency, Manual & Self Test	White	Round
R221562/BK	Soar III - Round, Black Housing, Surface Emergency, Manual & Self Test	Black	
R221563/WT	Soar III - Square, White Housing, Surface Emergency, Manual & Self Test	White	Square
R221563/BK	Soar III - Square, Black Housing, Surface Emergency, Manual & Self Test	Black	

