

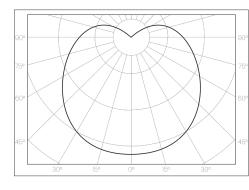
# 50 eco semi-recessed - SVR050ECO-SRE1800-FXD865100-WHT



# $(\cdot \cdot)$ (0) IK15 country of origin 125 joules impact resistance Australia

- IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners
- range 50 eco semi-recessed SVR050ECO-SRE1800-FXD865100-WHT product code description Extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant GRP security caps Impact-resistant UV-stabilised high-transmission polycarbonate light module diffuser Serviceable replaceable and upgradable light module cassette Internal socket drive security-torx 304 stainless steel security fasteners Integral energy efficient Zhaga compliant Tridonic LED modules and power supply unit Direct-fix or recessed butterfly bracket Internal stainless steel wire safety lanyards 1.0 m circular flex connection
- applications highly robust semi-recessed luminaire that enhances safety and security in challenging environments. a durable construction ensures dependable operation and superior performance under harsh operating conditions; ideal for applications such as transportation, custodial, public areas, and secure healthcare

# polar curve





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data subject to change without notice. E&OE

accreditations Australian Made and Owned EESS

## warranty

RCM

7-year standard 10-year on application

## standards

AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS/NZS 60598.2.2:2016 AS 60529-2004 IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21

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manufacturer

control interface

dimming range switch-on time

switch-off time rated lifetime

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Tridonic

< 600 ms < 20 ms

> 100,000 h

fixed output



# Image: Wight with the second secon

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		L - length	1830				
light source		W - width	96				
manufacturer	Tridonic	H - height	138				
technology	linear LED module	cut-out - 1815 l	_ x 81 W				
operating mode	constant current						
delivered lumens	8828 lm						
colour rendering index	80	mounting					
correlated colour temperature	6500 K	type	semi-recessed				
colour tolerance	3 SDCM	method	direct-fix or butterfly bracket				
CTI	≥ 600 V	orientation	horizontal or vertical burning position				
lumen maintenance [L80F10]	> 72,000 h	ononcation	nonzontal of voltical barning position				

# electrical

rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	74.93 W
leakage current	< 230 µA
in-rush current	23.0 A / 174 µs
power factor [	0.98
THD	6%
overvoltage protection	320 V AC / 48 h
mains surge protection [L-N]	1 kV
mains surge protection [L/N-PE]	2 kV

#### mounting base + end caps

dimensions [mm]

material	extruded aluminium base + GRP security end
	caps
finish	white texture polyester powder coat + white GRP

### light module cassette

material	high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]
finish	translucent reeded

### maximum circuit breaker loads

conductor size	1.5mm²		2.5mm <sup>2</sup>		1.5mm²		2.5mm <sup>2</sup>	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	21	28	35	45	13	17	21	27

(SURVIVOR)

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NOTE: Tridonic drivers are designed for a life-time as stated when operating under normal reference conditions with a failure probability of < 10%. lifetime declarations do not represent warranty claim. driver is not covered under warranty if it has been opened | maximum circuit breaker values are calculated from inrush current. calculations use typical values from ABB series \$200 as a reference, actual values may differ due to used circuit breaker types and installation environment | photometric data is nominal and intended for general information purposes only, it is not to be relied upon nor used in place of photometry files issued by Survivor Lighting Pty Ltd. ± 5% measurement uncertainty | data subject to change without notice, E&OE