

## 50 eco semi-recessed - SVR050ECO-SRE2100-FXD865080-WHT



Australia

EESS

RCM

warranty

standards

AS/NZS 60598.1:2017

ANSI/IES LM-79-19

ANSI/IES LM-80-21

ANSI/IES TM-21-21

AS/NZS 60598.2.1:2014 AS/NZS 60598.2.2:2016 AS 60529-2004

IEC/EN 62262:2002+A1:2021

7-year standard

10-year on application

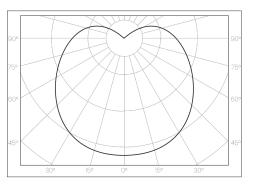
accreditations

Australian Made and Owned

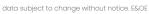


- 125 joules impact resistance IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners
- range 50 eco semi-recessed SVR050ECO-SRE2100-FXD865080-WHT product code description Extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant 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



sales@survivorlighting.com +61 2 9191 9800





control interface

dimming range

switch-on time switch-off time

rated lifetime

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fixed output

< 700 ms

< 50 ms

> 100,000 h



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		dimensions [mm]				
		L - length	2110			
light source		W - width	96			
manufacturer	Tridonic	H - height	138			
technology	linear LED module	cut-out - 2095	L x 81 W			
operating mode	constant current					
delivered lumens	8240 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					

# electrical

rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	69.94 W
leakage current	< 350 µA
in-rush current	22.4 A / 176 µs
power factor [	0.97
THD	8%
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

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	10	14	18	22	6	8	11	13



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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