

extreme lighting | no boundaries

# 100 eco semi-recessed - SVR100ECO-SRE0500-FXD850020-WHT



# $(\cdot \cdot)$ (0) $\langle \rangle$



125 joules impact resistance	country of origin
hermetically sealed light module cassette	Australia
security torx tamper-proof fasteners	
	accreditations
100 eco semi-recessed	Australian Made and Owned EESS
SVR100ECO-SRE0500-FXD850020-WHT	RCM
Extruded aluminium mounting base with durable polyester powde finish and impact-resistant GPP security caps	r coat

warranty 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

range product code description 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

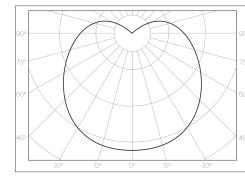
Direct-fix or recessed butterfly bracket Internal stainless steel wire safety lanyards

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

IK15 IP66 AT06





sales@survivorlighting.com +61 2 9191 9800 (SURVIVOR)

data subject to change without notice. E&OE



# 100 eco semi-recessed - SVR100ECO-SRE0500-FXD850020-WHT



# $(\cdot \cdot)$

driver

manufacturer

control interface

dimming range switch-on time

switch-off time

rated lifetime



(0)



# Tridonic fixed output

- < 700 ms
- < 30 ms
- > 100,000 h



#### light source W - width 138 manufacturer Tridonic H - height 138 technology linear LED module cut-out - 465 L x 123 W operating mode constant current 301 lm delivered lumens colour rendering index 80 mounting correlated colour temperature 5000 K type semi-recessed colour tolerance 3 SDCM direct-fix or butterfly bracket method 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	2.5 W
leakage current	< 700 µA
in-rush current	13.6 A / 304 µs
power factor [	0.86
THD	19%
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]

480

L - length

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

#### 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	30	38	46	58	18	23	28	35



sales@survivorlighting.com +61 2 9191 9800

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 S200 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

