

extreme lighting | no boundaries

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# 100 eco recessed - SVR100ECO-REC2100-FXD935080-BLK



IK15













































country of origin Australia

### accreditations

Australian Made and Owned EESS RCM

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

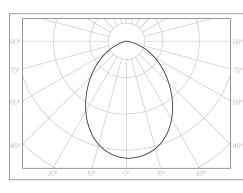
IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners

125 joules impact resistance

range	100 eco recessed				
product code	SVR100ECO-REC2100-FXD935080-BLK				
description	Extruded aluminium mounting base and security caps with durable polyester powder coat finish				
	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 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

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# 

driver



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manufacturer control interface dimming range switch-on time switch-off time

lumen maintenance [L80F10]

rated lifetime

technology

CTI

electrical

rated supply voltage

power consumption leakage current

overvoltage protection mains surge protection [L-N]

mains frequency

in-rush current power factor [

THD

RUIVI	

# fixed output

Tridonic

- < 700 ms
- < 50 ms
- > 100,000 h

> 72,000 h

220 - 240 V

0 / 50 / 60 Hz

22.4 A / 176 µs

320 V AC / 48 h

46.64 W

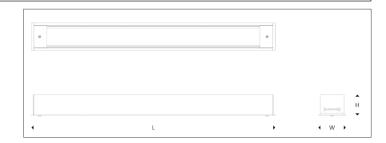
< 350 µA

0.97

8%

1 kV

2 kV



#### light source W - width 138 manufacturer Tridonic H - height 102 linear LED module cut-out - 2095 L x 123 W operating mode constant current 3648 lm delivered lumens colour rendering index 90 mounting 3500 K correlated colour temperature colour tolerance 3 SDCM ≥ 600 V

type	recessed
method	direct-fix or butterfly bracket
orientation	horizontal or vertical burning position

# mounting base + end caps

dimensions [mm]

2110

L - length

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

# light module cassette

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

# maximum circuit breaker loads

mains surge protection [L/N-PE]

conductor size	1.5mm²		2.5mm²		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