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## 100 eco semi-recessed - SVR100ECO-SRE1800-FXD830080-BLK





























country of origin Australia

accreditations

Australian Made and Owned

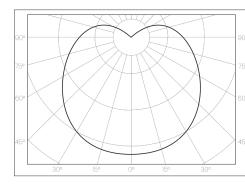
IK15	125 joules impact resistance						
IP66	hermetically sealed light module cassette						

AT06 security torx tamper-proof fasteners

range	100 eco semi-recessed
product code	SVR100ECO-SRE1800-FXD830080-BLK
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





(SURVIVOR) data subject to change without notice. E&OE warranty

EESS 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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driver

manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime

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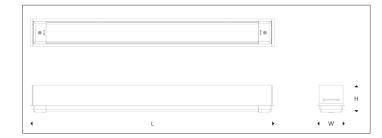
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## Tridonic

fixed output

- < 600 ms
- < 20 ms
- > 100,000 h



light source		W - width	138			
manufacturer	Tridonic	H - height	138			
technology	linear LED module	cut-out - 1815 L	x 123 W			
operating mode	constant current					
delivered lumens	6998 lm					
colour rendering index	80	mounting				
correlated colour temperature	3000 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	59.95 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]

1830

L - length

material	extruded aluminium base + GRP security end caps
finish	black texture polyester powder coat + black 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	21	28	35	45	13	17	21	27



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