

100 classic recessed - SVR100CLA-REC1800-FXD830040-WHT



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country of origin Australia

accreditations

EESS RCM

warranty 7-year standard 10-year on application

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

Australian Made and Owned

#### IK17 175 joules impact resistance IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners

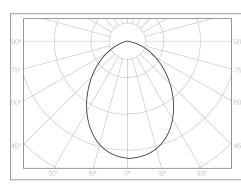
range	100 classic recessed	
product code	SVR100CLA-REC1800-FXD830040-WHT	
description	Heavy-gauge extruded aluminium mounting base and security caps with durable polyester powder coat finish	
	Impact-resistant UV-stabilised high-transmission polycarbonate light module diffuser	
	Serviceable replaceable 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 extremely robust recessed luminaire that enhances safety and security in the most 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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(SURVIVOR)

### 1



driver

manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime

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# Tridonic

fixed output

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



light source		W - width	138		
manufacturer	Tridonic	H - height	102		
technology	linear LED module	cut-out - 1815 L x 123 W			
operating mode	constant current				
delivered lumens	2479 lm				
colour rendering index	x 80				
correlated colour temperature	3000 K	<b>mounting</b> type	recessed		
colour tolerance	3 SDCM	method	direct-fix or butterfly bracket		
СТІ	≥ 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	29.97 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 + security end caps
finish	white texture polyester powder coat

### light module cassette

material	high-transmission + uv-stabilised extrude polycarbonate [hermetically sealed]			
finish	clear 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