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# 100 classic recessed - SVR100CLA-REC0500-FXD840100-BLK





IK17

IP66































country of origin Australia

accreditations

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

ANSI/IES LM-79-19

ANSI/IES LM-80-21

ANSI/IES TM-21-21

IEC/EN 62262:2002+A1:2021

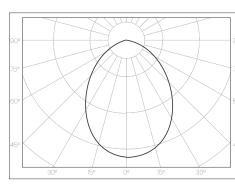
Australian Made and Owned

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

range	100 classic recessed
product code	SVR100CLA-REC0500-FXD840100-BLK
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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data subject to change without notice. E&OE

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driver

manufacturer

control interface

dimming range switch-on time

switch-off time

rated lifetime





fixed output

Tridonic

< 700 ms

< 30 ms

> 100,000 h



#### light source W - width 138 manufacturer Tridonic H - height 102 technology linear LED module cut-out - 465 L x 123 W operating mode constant current 1081 lm delivered lumens colour rendering index 80 mounting correlated colour temperature 4000 K type 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	12.49 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 + security end caps
finish	black 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		2.5mm²		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



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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