

extreme lighting | no boundaries

(::)

## 100 classic semi-recessed - SVR100CLA-SRE0500-FXD835060-WHT

































country of origin Australia

## accreditations

Australian Made and Owned EESS RCM

warranty

7-year standard 10-year on application

### standards

and power

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

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

range	IUU classic semi-recessed
product code	SVR100CLA-SRE0500-FXD835060-WHT
description	Heavy-gauge 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 powe supply unit

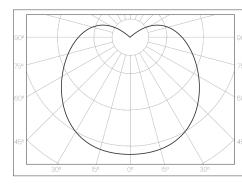
Direct-fix or recessed butterfly bracket

Internal stainless steel wire safety lanyards

1.0 m circular flex connection

applications extremely robust semi-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



sales@survivorlighting.com +61 2 9191 9800



data subject to change without notice. E&OE

(SURVIVOR)







# 100 classic semi-recessed - SVR100CLA-SRE0500-FXD835060-WHT

Tridonic

< 700 ms

< 30 ms

> 100,000 h

fixed output



Н

w

# (::)

driver

manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime



(0)



L

		dimensions [mm]				
		L - length	480			
light source		W - width	138			
manufacturer	Tridonic	H - height	138			
technology	linear LED module	cut-out - 465 l	L x 123 W			
operating mode	constant current					
delivered lumens	558 lm					
colour rendering index	80	mounting				
correlated colour temperature	3500 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					

4

### electrical

rated supply voltage	220 - 240 V		
mains frequency	0 / 50 / 60 Hz		
power consumption	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

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	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	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 \$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