

extreme lighting | no boundaries

# 100 eco semi-recessed - SVR100ECO-SRE1200-FXD827060-WHT







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

125 joules impact resistance	country of origin
hermetically sealed light module cassette	Australia
security torx tamper-proof fasteners	
	accreditations
	Australian Made and Owned

product code	SVR100ECO-SRE1200-FXD827060-WHT
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

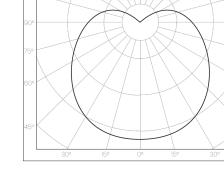
IK15

IP66

AT06

range

100 eco semi-recessed





(SURVIVOR)

sales@survivorlighting.com +61 2 9191 9800

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manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime

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7 (S)

## $\oslash$ (::) (0) driver

Tridonic	• 1
fixed output	
-	
< 700 ms	
< 50 ms	1 L
> 100,000 h	· •
	dimensions [mm]

1270

L - length

light source		W - width	138
manufacturer	Tridonic	H - height	138
technology	linear LED module	cut-out - 1255	L x 123 W
operating mode	constant current		
delivered lumens	2224 lm		
colour rendering index	80	mounting	
correlated colour temperature	2700 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	onentation	nonzontal of vertical banning position

## electrical

rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	19.99 W
leakage current	< 350 µA
in-rush current	22.4 A / 176 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

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

### 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		2.5mm²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	21	28	36	45	13	17	22	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

