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# 100 eco surface - SVR100ECO-SUR1000-FXD935020-BLK





IK15





























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 60529-2004

ANSI/IES LM-79-19

ANSI/IES LM-80-21

ANSI/IES TM-21-21

IEC/EN 62262:2002+A1:2021

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Australian Made and Owned

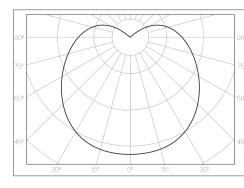
IP66	hermetically sealed light module cassette				
AT06	security torx tamper-proof fasteners				
range	100 eco surface				

125 joules impact resistance

product code	SVR100ECO-SUR1000-FXD935020-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 surface mounted
	Internal stainless steel wire safety lanyards
	1.0 m circular flex connection

applications highly robust surface mounted 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





sales@survivorlighting.com +61 2 9191 9800

data subject to change without notice. E&OE

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Tridonic

< 700 ms

< 50 ms

> 100,000 h

fixed output



▲ H

• w )

### $(\cdot \cdot)$ (0)





## driver

manufacturer

control interface

dimming range switch-on time

switch-off time

rated lifetime

© 1 ₹ @ L

dimensions [mm]

			L - length	970			
	light source		W - width	112			
	manufacturer	Tridonic	H - height	99			
	technology	linear LED module					
	operating mode	constant current					
	delivered lumens	512 lm					
	colour rendering index	90	mounting				
	correlated colour temperature	3500 K	type	surface mounted			
	colour tolerance	3 SDCM	method	direct-fix or wall bracket			
	CTI	≥ 600 V	orientation	horizontal or vertical burning position			
	lumen maintenance [L80F10]	> 72,000 h	ononcation				

### electrical

rated supply voltage	220 - 240 V			
mains frequency	0 / 50 / 60 Hz			
power consumption	5 W			
leakage current	< 350 µA			
in-rush current	22.4 A / 176 µs			
power factor [	0.97			
THD	8%			
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	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	36	45	13	17	22	27

(SURVIVOR)

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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