

## 100 eco surface - SVR100ECO-SUR1800-FXD827040-WHT



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country of origin

accreditations

Australian Made and Owned

Australia

EESS RCM

warranty

standards

7-year standard

10-year on application

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 60529-2004

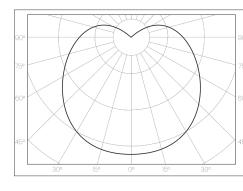
IEC/EN 62262:2002+A1:2021

IK15	125 joules impact resistance
IP66	hermetically sealed light module cassette
AT06	security torx tamper-proof fasteners
range	100 eco surface
product code	SVR100ECO-SUR1800-FXD827040-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 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



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driver

manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime



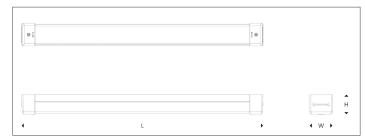
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fixed output

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



#### dimensions [mm] L - length 1810

	light source		W - width	112
	manufacturer	Tridonic	H - height	99
	technology	linear LED module		
	operating mode	constant current		
	delivered lumens	2224 lm		
colour rendering index		80	mounting	
	correlated colour temperature	2700 K	type	surface mounted
	colour tolerance	3 SDCM	method	direct-fix or wall 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	19.99 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

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	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	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