

## 50 eco surface - SVR050ECO-SUR1800-FXD930060-WHT



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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

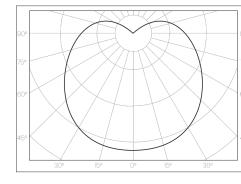
Australian Made and Owned

IK15	125 joules impact resistance
IP66	hermetically sealed light module cassette
AT06	security torx tamper-proof fasteners

range	50 eco surface
product code	SVR050ECO-SUR1800-FXD930060-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
	Integral energy efficient Zhaga compliant Tridonic LED modules and power supply unit Direct-fix surface mounted Internal stainless steel wire safety lanyards

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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manufacturer

control interface

dimming range

switch-on time

switch-off time rated lifetime

# 50 eco surface - SVR050ECO-SUR1800-FXD930060-WHT

Tridonic

< 600 ms

< 20 ms

> 100,000 h

fixed output



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

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		dimensions [mm]		
		L - length	1810	
light source		W - width	72	
manufacturer	Tridonic	H - height	99	
technology	linear LED module			
operating mode	constant current			
delivered lumens	4336 lm			
colour rendering index	90	mounting		
correlated colour temperature	3000 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			
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rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	44.96 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 GRP

#### light module cassette

material	high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]
finish	translucent reeded

#### maximum circuit breaker loads

conductor size	1.5mm²		2.5mm²		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

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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