

50 eco surface - SVR050ECO-SUR0500-FXD830040-WHT





IK15

IP66

AT06

range





























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

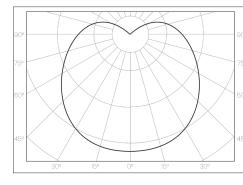
standards

country of origin 125 joules impact resistance Australia hermetically sealed light module cassette security torx tamper-proof fasteners accreditations Australian Made and Owned 50 eco surface EESS SVR050ECO-SUR0500-FXD830040-WHT RCM product code 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 warranty module diffuser 7-year standard

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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driver

manufacturer

control interface

dimming range

50 eco surface - SVR050ECO-SUR0500-FXD830040-WHT

Tridonic

fixed output

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(**) IK15 (**) IP66 (**)

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switch-on time	< 700 ms		H				
switch-off time	< 30 ms						
rated lifetime	> 100,000 h						
		dimensions [mm]					
		L - length	460				
light source		W - width	72				
manufacturer	Tridonic	H - height	99				
technology	linear LED module						
operating mode	constant current						
delivered lumens	567 lm						
colour rendering index	80	mounting					
correlated colour temperature	3000 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						
electrical		mounting base + end caps					
rated supply voltage	220 - 240 V	material	extruded aluminium base + GRP security end caps				
mains frequency	0 / 50 / 60 Hz	finish	· white texture polyester powder coat + white GF				
power consumption	5 W						

light module cassette

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

maximum circuit breaker loads

mains surge protection [L/N-PE]

conductor size	1.5mm²		2.5mm²		1.5mm²		2.5mm ²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	30	38	46	58	18	23	28	35

< 700 µA

0.86

19%

1 kV

2 kV

13.6 A / 304 µs

320 V AC / 48 h



leakage current

in-rush current

power factor [

overvoltage protection mains surge protection [L-N]

THD

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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