

# 50 eco surface - SVR050ECO-SUR0500-FXD927060-WHT























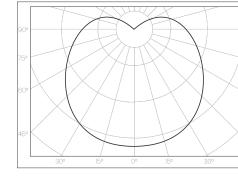
IK15	125 joules impact resistance	country of origin	
IP66	hermetically sealed light module cassette	Australia	
AT06	security torx tamper-proof fasteners		
		accreditations	
range	50 eco surface	Australian Made and Owned EESS	
product code	SVR050ECO-SUR0500-FXD927060-WHT	RCM	
description	Extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant GRP security caps		
	Impact-resistant UV-stabilised high-transmission polycarbonate light module diffuser	warranty	
	Serviceable replaceable and upgradable light module cassette Internal socket drive security-torx 304 stainless steel security fasteners	7-year standard 10-year on application	

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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standards

AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS 60529-2004 IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21





control interface

dimming range

switch-on time switch-off time

rated lifetime

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fixed output

< 700 ms

< 30 ms

> 100,000 h



# Image: Wight wight

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		-	-
		L - length	460
light source		W - width	72
manufacturer	Tridonic	H - height	99
technology	linear LED module		
operating mode	constant current		
delivered lumens	464 lm		
colour rendering index	90	mounting	
correlated colour temperature	2700 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	< 700 µA
in-rush current	13.6 A / 304 µs
power factor [	0.86
THD	19%
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

dimensions [mm]

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 1.5mm <sup>2</sup>		$\mathbb{m}^2$	2.5mm <sup>2</sup>		1.5mm²		2.5mm²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	30	38	46	58	18	23	28	35



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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