

# 50 eco surface - SVR050ECO-SUR2400-FXD927100-BLK







































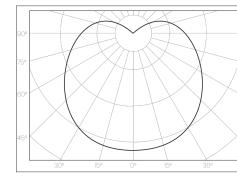
country of origin Australia

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

range	50 eco surface
product code	SVR050ECO-SUR2400-FXD927100-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





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data subject to change without notice. E&OE

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PDS-

# accreditations

Australian Made and Owned 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 IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21



driver

manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime

# 50 eco surface - SVR050ECO-SUR2400-FXD927100-BLK



# (\*\*) IK15 (\*\*) IP66 AT06



Tridonic	

fixed output

-

< 700 ms

< 50 ms

> 100,000 h



#### light source W - width manufacturer Tridonic H - height technology linear LED module operating mode constant current delivered lumens 6183 lm colour rendering index 90 mounting 2700 K correlated colour temperature type colour tolerance 3 SDCM method CTI ≥ 600 V orientation lumen maintenance [L80F10] > 72,000 h

## electrical

rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	66.62 W
leakage current	< 350 µA
in-rush current	22.4 A / 176 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

surface mounted

direct-fix or wall bracket

2370 72

99

material	extruded aluminium base + GRP security end caps
finish	black texture polyester powder coat + black GRP

horizontal or vertical burning position

### light module cassette

dimensions [mm]

L - length

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	10	14	18	22	6	8	11	13



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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