

# 50 eco **suspended** - SVR050ECO-SUS2900-FXD927060-BLK









standards

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

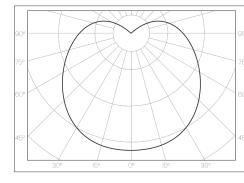
IEC/EN 62262:2002+A1:2021

IK15	125 joules impact resistance	<b>country of origin</b> Australia		
IP66	hermetically sealed light module cassette			
AT06	security torx tamper-proof fasteners			
		accreditations		
range	50 eco suspended	Australian Made and Owned EESS		
product code	SVR050ECO-SUS2900-FXD927060-BLK	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	7-year standard		
	Internal socket drive security-torx 304 stainless steel security fasteners	10-year on application		
	Integral energy efficient Zhaga compliant Tridonic LED modules and power			

supply unit Heavy-gauge stainless steel wire suspensions Internal stainless steel wire safety lanyards 1.0 m circular flex connection

**applications** highly robust suspended 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

(SURVIVOR)



# 50 eco suspended - SVR050ECO-SUS2900-FXD927060-BLK

Tridonic

< 600 ms

< 20 ms

> 100,000 h

fixed output



### $(\cdot)$ (0)

driver

manufacturer

control interface

dimming range

switch-on time switch-off time

rated lifetime



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### L - length 2930 72 light source W - width manufacturer Tridonic H - height 99 linear LED module technology operating mode constant current 4637 lm delivered lumens colour rendering index 90 mounting correlated colour temperature 2700 K type suspended colour tolerance 3 SDCM method 2.0 m heavy duty stainless steel CTI ≥ 600 V orientation horizontal burning position lumen maintenance [L80F10] > 72,000 h

# electrical

rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	49.97 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

m

fir

dimensions [mm]

aterial	extruded aluminium base + GRP security end caps
ish	black texture polyester powder coat + black GRP

### light module cassette

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

### maximum circuit breaker loads

conductor size	1.5mm²		2.5mm <sup>2</sup>		1.5mm <sup>2</sup>		2.5mm <sup>2</sup>	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	10	14	17	22	6	8	10	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