

# 100 eco suspended - SVR100ECO-SUS1800-FXD840020-BLK















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

country of origin
Australia

#### 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

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product code	SVR100ECO-SUS1800-FXD840020-BLK
description	Extruded aluminium mounting base

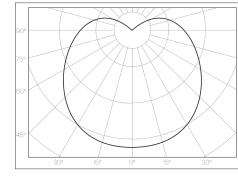
100 eco suspended

ing 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 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

range





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
- switch-on time
- switch-off time
- rated lifetime

light source

manufacturer

operating mode

delivered lumens

colour tolerance

CTI

electrical

rated supply voltage

power consumption

overvoltage protection mains surge protection [L-N]

mains frequency

leakage current

in-rush current

power factor [

THD

colour rendering index

correlated colour temperature

lumen maintenance [L80F10]

technology

## Tridonic fixed output

- < 600 ms
- < 20 ms

80

4000 K

3 SDCM

≥ 600 V

> 72,000 h

220 - 240 V

14.99 W

< 230 µA 23.0 A / 174 µs

0.98

6%

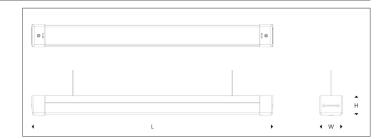
1 kV

2 kV

0 / 50 / 60 Hz

320 V AC / 48 h

> 100,000 h



#### W - width 112 Tridonic H - height 99 linear LED module constant current 1831 lm mounting

m

fir

dimensions [mm]

1810

L - length

type	suspended
method	2.0 m heavy duty stainless steel
orientation	horizontal burning position

#### mounting base + end caps

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

## 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		2.5mm <sup>2</sup>		1.5mm²		2.5mm²	
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 colculated from inrush current. calculations use typical values from ABB series S200 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