

## 50 eco suspended - SVR050ECO-SUS2100-FXD827040-WHT



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   | country of origin<br>Australia    |  |  |
|--------------|--|-----------------------------------|--|--|
| IP66         | hermetically sealed light module cassette  |                                   |  |  |
| AT06         | security torx tamper-proof fasteners   |                                   |  |  |
|              |  | accreditations                    |  |  |
| range        | 50 eco suspended   | Australian Made and Owned<br>EESS |  |  |
| product code | SVR050ECO-SUS2100-FXD827040-WHT  | RCM                               |  |  |
| description  | Extruded aluminium mounting base with durable polyester powder coat<br>finish and impact-resistant GRP security caps |                                   |  |  |
|              | Impact-resistant UV-stabilised high-transmission polycarbonate light<br>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            |  |  |

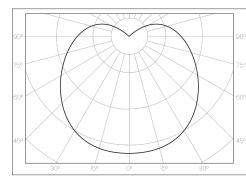
Internal socket drive security-torx 304 stainless steel security fasteners Integral energy efficient Zhaga compliant Tridonic LED modules and power supply unit Heavy-gauge stainless steel wire suspensions

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





sales@survivorlighting.com +61 2 9191 9800

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(SURVIVOR)



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

driver

manufacturer

control interface

dimming range switch-on time

switch-off time

rated lifetime

light source manufacturer

technology

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]





## Tridonic fixed output

- < 700 ms
- < 50 ms

Tridonic

2522 Im

2700 K

3 SDCM

≥ 600 V

> 72,000 h

220 - 240 V

23.32 W

< 350 µA 22.4 A / 176 µs

0.97

8%

1 kV

2 kV

0 / 50 / 60 Hz

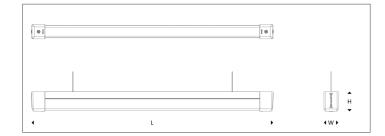
320 V AC / 48 h

80

linear LED module

constant current

> 100,000 h



## dimensions [mm]

| L - length | 2090 |
|------------|------|
| W - width  | 72   |
| H - height | 99   |

#### mounting

m

fir

| 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   |
| ish     | white texture polyester powder coat + white GR |

### light module cassette

| material | high-transmission + uv-stabilised extruded<br>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   | 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