

## 50 eco suspended - SVR050ECO-SUS1800-DA2930100-WHT



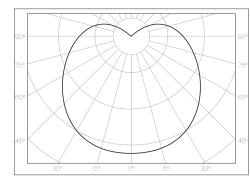


| IK15 | 125 joules impact resistance              |  |  |  |  |  |
|------|---|--|--|--|--|--|
| IP66 | hermetically sealed light module cassette |  |  |  |  |  |
| AT06 | security torx tamper-proof fasteners      |  |  |  |  |  |

| range        | 50 eco suspended   |
|--------------|--|
| product code | SVR050ECO-SUS1800-DA2930100-WHT  |
| 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                              |
|              | 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





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# country of origin Australia

#### accreditations

Australian Made and Owned DALI Alliance 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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# 

| (***) (***) (***) (***) (***)   | См<br>См          |                  | DALI 2  |  |  |  |  |
|---------------------------------|-------------------|------------------|---|--|--|--|--|
| <b>driver</b><br>manufacturer   | Tridonic          | <b>e</b> 1       | [0]   |  |  |  |  |
| control interface               | DALI-2            | V I              |   |  |  |  |  |
| dimming range                   | 1 - 100 %         |                  |   |  |  |  |  |
| switch-on time                  | < 600 ms          |                  |   |  |  |  |  |
| switch-off time                 | < 20 ms           |                  | H V   |  |  |  |  |
| rated lifetime                  | > 100,000 h       | •                | L • • • • • • • • • • • • • • • • • • •         |  |  |  |  |
|                                 |                   | dimensions [mm]  |   |  |  |  |  |
|                                 |                   | L - length       | 1810  |  |  |  |  |
| light source                    |                   | W - width        | 72  |  |  |  |  |
| manufacturer                    | Tridonic          | H - height       | 99  |  |  |  |  |
| technology                      | linear LED module |                  |   |  |  |  |  |
| operating mode                  | constant current  |                  |   |  |  |  |  |
| delivered lumens                | 7227 Im           |                  |   |  |  |  |  |
| colour rendering index          | 90                |                  |   |  |  |  |  |
| correlated colour temperature   | 3000 K            | mounting<br>type | suspended                                       |  |  |  |  |
| colour tolerance                | 3 SDCM            | method           | 2.0 m heavy duty stainless steel                |  |  |  |  |
| СТІ                             | ≥ 600 V           | orientation      | horizontal burning position                     |  |  |  |  |
| lumen maintenance [L80F10]      | > 72,000 h        | onentation       | nonzontal barning position                      |  |  |  |  |
|                                 |                   | mounting ba      | se + end caps                                   |  |  |  |  |
| electrical                      |                   | material         | •<br>extruded aluminium base + GRP security end |  |  |  |  |
| rated supply voltage            | 220 - 240 V       |                  | caps  |  |  |  |  |
| mains frequency                 | 0 / 50 / 60 Hz    | finish           | white texture polyester powder coat + white GRP |  |  |  |  |
| power consumption               | 74.93 W           |                  |   |  |  |  |  |
| leakage current                 | < 230 µA          |                  |   |  |  |  |  |
| in-rush current                 | 23.0 A / 174 µs   | light module     | cassette  |  |  |  |  |
| power factor [                  | 0.98              | material         | high-transmission + uv-stabilised extruded      |  |  |  |  |
| THD                             | 6%                |                  | polycarbonate [hermetically sealed]             |  |  |  |  |
| overvoltage protection          | 320 V AC / 48 h   | finish           | translucent reeded                              |  |  |  |  |
| mains surge protection [L-N]    | 1 kV              |                  |   |  |  |  |  |
| mains surge protection [L/N-PE] | 2 kV              |                  |   |  |  |  |  |

#### 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   | 21     | 28  | 35                 | 45  | 13     | 17  | 21                 | 27  |

N/S

(SURVIVOR)

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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