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## 100 eco semi-recessed - SVR100ECO-SRE2400-FXD840040-BLK

































country of origin Australia

accreditations

EESS RCM

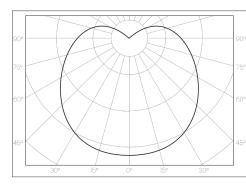
Australian Made and Owned

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

| range        | 100 eco semi-recessed   |
|--------------|---|
| product code | SVR100ECO-SRE2400-FXD840040-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<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                              |
|              | Direct-fix or recessed butterfly bracket  |
|              | Internal stainless steel wire safety lanyards   |
|              | 1.0 m circular flex connection  |

applications highly robust semi-recessed 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





SVR\_SVR100ECO-SRE2400-FXD840040-BLK\_2308-01

PDS-

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warranty 7-year standard

10-year on application

## standards

AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS/NZS 60598.2.2:2016 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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driver

manufacturer

control interface

dimming range switch-on time

switch-off time

rated lifetime

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# Tridonic

fixed output

- < 700 ms
- < 50 ms
- > 100,000 h



#### light source W - width 138 manufacturer Tridonic H - height 138 technology linear LED module cut-out - 2375 L x 123 W operating mode constant current 4884 Im delivered lumens colour rendering index 80 mounting correlated colour temperature 4000 K type semi-recessed colour tolerance 3 SDCM direct-fix or butterfly bracket method CTI ≥ 600 V orientation horizontal or vertical burning position lumen maintenance [L80F10] > 72,000 h

## electrical

| rated supply voltage            | 220 - 240 V     |
|---------------------------------|-----------------|
| mains frequency                 | 0 / 50 / 60 Hz  |
| power consumption               | 39.96 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

dimensions [mm]

2390

L - length

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

### light module cassette

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