

## 50 eco box - SVR050ECO-BOX1200-DA2865080-BLK































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

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

| range        | 50 eco box   |  |  |  |  |  |  |
|--------------|--|--|--|--|--|--|--|
| product code | SVR050ECO-BOX1200-DA2865080-BLK  |  |  |  |  |  |  |
| description  | Extruded aluminium mounting base and security caps with durable polyester powder coat finish |  |  |  |  |  |  |
|              | 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 surface mounted   |  |  |  |  |  |  |
|              | Internal stainless steel wire safety lanyards  |  |  |  |  |  |  |
|              | 1.0 m circular flex connection   |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |

applications highly robust surface mounted 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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1



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#### $(\cdot \cdot)$ (0) $\langle \rangle$ DAL driver manufacturer Tridonic . control interface DALI-2 dimming range 1 - 100 % switch-on time < 700 ms н switch-off time < 50 ms L 4 rated lifetime > 100,000 h dimensions [mm] L - length 1250 W - width 75 light source manufacturer Tridonic H - height 105 technology linear LED module operating mode constant current 3565 lm delivered lumens colour rendering index 80 mounting correlated colour temperature 6500 K type surface mounted colour tolerance 3 SDCM direct-fix or wall bracket method CTL ≥ 600 V orientation horizontal or vertical burning position lumen maintenance [L80F10] > 72,000 h mounting base + end caps electrical material extruded aluminium base + security end caps 220 - 240 V rated supply voltage finish black texture polyester powder coat 0 / 50 / 60 Hz mains frequency 39.96 W power consumption leakage current < 350 µA light module cassette 22.4 A / 176 µs in-rush current high-transmission + uv-stabilised extruded material power factor [ 0.98 polycarbonate [hermetically sealed] THD 6% translucent reeded finish overvoltage protection 320 V AC / 48 h mains surge protection [L-N] 1 kV

#### maximum circuit breaker loads

mains surge protection [L/N-PE]

| conductor size       | 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  | 36                 | 45  | 13     | 17  | 22                 | 27  |

2 kV



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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 \$200 as a reference. actual values may differ due to used circuit breaker types and installation environment | photometric data is inominal 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