

extreme lighting | no boundaries

## 50 eco box - SVR050ECO-BOX0500-DA2930080-WHT

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10-year on application

AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS 60529-2004

ANSI/IES LM-79-19

ANSI/IES LM-80-21

ANSI/IES TM-21-21

IEC/EN 62262:2002+A1:2021

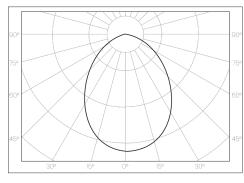
standards

| IK15         | 125 joules impact resistance   | country of origin                          |  |  |
|--------------|--|--|--|--|
| IP66         | hermetically sealed light module cassette  | Australia                                  |  |  |
| AT06         | security torx tamper-proof fasteners   |  |  |  |
|              |  | accreditations                             |  |  |
| range        | 50 eco box   | Australian Made and Owned<br>DALI Alliance |  |  |
| product code | SVR050ECO-BOX0500-DA2930080-WHT  | EESS                                       |  |  |
| description  | Extruded aluminium mounting base and security caps with durable polyester powder coat finish | RCM  |  |  |
|              | Impact-resistant UV-stabilised high-transmission polycarbonate light module diffuser         |  |  |  |
|              | Serviceable replaceable and upgradable light module cassette                                 | warranty                                   |  |  |
|              | Internal socket drive security-torx 304 stainless steel security fasteners                   | 7-year standard                            |  |  |

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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## 50 eco **box** - SVR050ECO-BOX0500-DA2930080-WHT



## $(\cdot \cdot)$ (0) $\langle \rangle$ DAL driver manufacturer Tridonic . control interface DALI-2 dimming range 1 - 100 % switch-on time < 700 ms н switch-off time < 30 ms L 4 rated lifetime > 100,000 h dimensions [mm] L - length 460 W - width 75 light source manufacturer Tridonic H - height 105 technology linear LED module operating mode constant current 730 lm delivered lumens colour rendering index 90 mounting correlated colour temperature 3000 K type surface mounted colour tolerance 3 SDCM method direct-fix or wall bracket 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 white texture polyester powder coat 0 / 50 / 60 Hz mains frequency 9.99 W power consumption leakage current < 700 µA light module cassette 13.6 A / 304 µs in-rush current high-transmission + uv-stabilised extruded material power factor [ 0.86 polycarbonate [hermetically sealed] THD 19% 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       | 1.5mm² |     | 2.5mm² |     | 1.5mm² |     | 2.5mm <sup>2</sup> |     |
|----------------------|--------|-----|--------|-----|--------|-----|--------------------|-----|
| circuit breaker type | C10    | C13 | C16    | C20 | B10    | B13 | B16                | B20 |
| luminaire quantity   | 30     | 38  | 46     | 58  | 18     | 23  | 28                 | 35  |

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 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 norminal 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