

extreme lighting | no boundaries

### 50 eco box - SVR050ECO-BOX1800-FXD835020-WHT



































country of origin Australia

accreditations

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

ANSI/IES LM-79-19

ANSI/IES LM-80-21

ANSI/IES TM-21-21

IEC/EN 62262:2002+A1:2021

1

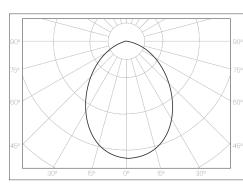
Australian Made and Owned

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

| range        | 50 eco box                                                                                   |  |  |  |  |  |
|--------------|----------------------------------------------------------------------------------------------|--|--|--|--|--|
| product code | SVR050ECO-BOX1800-FXD835020-WHT                                                              |  |  |  |  |  |
| 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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# $(\cdot \cdot)$



(0) ATOR



### driver

- manufacturer control interface dimming range
- switch-on time
- switch-off time
- rated lifetime

light source manufacturer

technology

operating mode

delivered lumens colour rendering index

colour tolerance

CTI

electrical

rated supply voltage

mains frequency power consumption

leakage current

in-rush current power factor [

overvoltage protection mains surge protection [L-N]

THD

correlated colour temperature

lumen maintenance [L80F10]

| RCM |
|-----|

### Tridonic fixed output

- < 600 ms
- < 20 ms

Tridonic

869 lm

3500 K

3 SDCM

≥ 600 V

> 72,000 h

220 - 240 V

9.99 W

0.98

6%

1 kV

2 kV

< 230 µA

0 / 50 / 60 Hz

23.0 A / 174 µs

320 V AC / 48 h

80

linear LED module

constant current

> 100,000 h



## dimensions [mm]

| L - length | 1810 |
|------------|------|
| W - width  | 75   |
| H - height | 105  |

#### mounting

f

| type        | surface mounted                         |
|-------------|-----------------------------------------|
| method      | direct-fix or wall bracket              |
| orientation | horizontal or vertical burning position |

#### mounting base + end caps

| material | extruded aluminium base + security end caps |
|----------|---------------------------------------------|
| finish   | white texture polyester powder coat         |

### light module cassette

| material | high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed] |
|----------|--------------------------------------------------------------------------------|
| finish   | translucent reeded                                                             |

### maximum circuit breaker loads

mains surge protection [L/N-PE]

| conductor size       | 1.5mm² |     | 2.5mm² |     | 1.5mm² |     | 2.5mm² |     |
|----------------------|--------|-----|--------|-----|--------|-----|--------|-----|
| circuit breaker type | C10    | C13 | C16    | C20 | B10    | B13 | B16    | B20 |
| luminaire quantity   | 21     | 28  | 35     | 45  | 13     | 17  | 21     | 27  |



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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