

50 eco box - SVR050ECO-BOX0500-FXD927020-BLK



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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

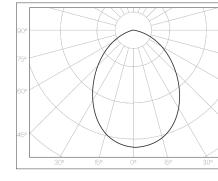
Australian Made and Owned

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

| range | 50 eco box |
|--------------|--|
| product code | SVR050ECO-BOX0500-FXD927020-BLK |
| description | Extruded aluminium mounting base and security caps with durable polyester powder coat finish |
| | Impact-resistant UV-stabilised high-transmission polycarbonate light 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



(SURVIVOR)

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data subject to change without notice. E&OE

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1



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Tridonic

< 700 ms

< 30 ms

> 100,000 h

fixed output

driver manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime

electrical

rated supply voltage

mains frequency power consumption

leakage current

in-rush current

power factor [

overvoltage protection mains surge protection [L-N]

THD

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|---|---|---|------------|
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| | | L- |
|-------------------------------|-------------------|-----|
| light source | | W |
| manufacturer | Tridonic | н- |
| technology | linear LED module | |
| operating mode | constant current | |
| delivered lumens | 117 lm | |
| colour rendering index | 90 | m |
| correlated colour temperature | 2700 K | typ |
| colour tolerance | 3 SDCM | me |
| CTI | ≥ 600 V | ori |
| lumen maintenance [L80F10] | > 72,000 h | |

dimensions [mm]

| - length | 460 |
|----------|-----|
| - width | 75 |
| - 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 | black 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 | | 2.5mm ² | | 1.5mm² | | 2.5mm ² | |
|----------------------|--------|-----|--------------------|-----|--------|-----|--------------------|-----|
| circuit breaker type | C10 | C13 | C16 | C20 | B10 | B13 | B16 | B20 |
| luminaire quantity | 30 | 38 | 46 | 58 | 18 | 23 | 28 | 35 |

220 - 240 V

1.67 W < 700 µA

0.86

19%

1 kV

2 kV

0 / 50 / 60 Hz

13.6 A / 304 µs

320 V AC / 48 h



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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

2