

extreme lighting | no boundaries

# 50 eco box - SVR050ECO-BOX1000-FXD940100-WHT





IK15

IP66

AT06

range



125 joules impact resistance

hermetically sealed light module cassette























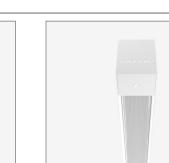












country of origin Australia

# accreditations

Australian Made and Owned EESS RCM

## warranty

7-year standard 10-year on application

### standards

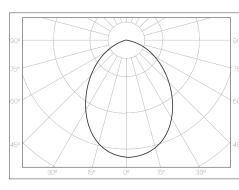
AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS 60529-2004 IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21

security torx tamper-proof fasteners 50 eco box

| product code | SVR050ECO-BOX1000-FXD940100-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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# $(\cdot \cdot)$

driver

manufacturer

control interface

dimming range switch-on time

switch-off time

rated lifetime

electrical

rated supply voltage

power consumption leakage current

overvoltage protection mains surge protection [L-N]

mains frequency

in-rush current power factor [

THD



(0)



# Tridonic fixed output

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



#### light source W - width manufacturer Tridonic H - height technology linear LED module operating mode constant current 2858 lm delivered lumens colour rendering index 90 correlated colour temperature 4000 K colour tolerance 3 SDCM CTI ≥ 600 V lumen maintenance [L80F10] > 72,000 h

# mounting

f

L - length

dimensions [mm]

970

75

105

| 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<br>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  | 36     | 45  | 13     | 17  | 22     | 27  |

220 - 240 V

0 / 50 / 60 Hz

22.4 A / 176 µs

320 V AC / 48 h

37.47 W

< 350 µA

0.97

8%

1 kV

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 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