

## 50 eco surface - SVR050ECO-SUR2400-FXD927040-BLK













































country of origin Australia

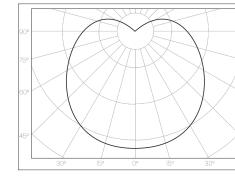
accreditations

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

| range        | 50 eco surface  |  |  |  |
|--------------|---|--|--|--|
| product code | SVR050ECO-SUR2400-FXD927040-BLK   |  |  |  |
| description  | Extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant GRP security caps |  |  |  |
|              | 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



(SURVIVOR)

SVR\_SVR050ECO-SUR2400-FXD927040-BLK\_2308-01

PDS-

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1

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



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## $(\cdot \cdot)$ (0) driver





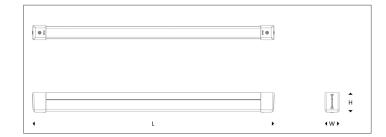
fixed output

Tridonic

< 700 ms

< 50 ms

> 100,000 h



# light source

electrical

rated supply voltage

power consumption

overvoltage protection mains surge protection [L-N]

mains frequency

leakage current

in-rush current

power factor [

THD

manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime

| manufacturer                  | Tridonic          |
|-------------------------------|-------------------|
| technology                    | linear LED module |
| operating mode                | constant current  |
| delivered lumens              | 2473 lm           |
| colour rendering index        | 90                |
| correlated colour temperature | 2700 K            |
| colour tolerance              | 3 SDCM            |
| CTI                           | ≥ 600 V           |
| lumen maintenance [L80F10]    | > 72,000 h        |

L - length

W - width H - height

dimensions [mm]

2370 72

99

| m | 0 |   | n | ŧ | i | n  | a |
|---|---|---|---|---|---|----|---|
|   | υ | u |   | ι | I | 11 | g |

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

## mounting base + end caps

| material | extruded aluminium base + GRP security end caps |
|----------|---|
| finish   | black texture polyester powder coat + black GRF |

## 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 |     | 2.5mm <sup>2</sup> |     | 1.5mm² |     | 2.5mm <sup>2</sup> |     |
|----------------------|--------|-----|--------------------|-----|--------|-----|--------------------|-----|
| circuit breaker type | C10    | C13 | C16                | C20 | B10    | B13 | B16                | B20 |
| luminaire quantity   | 10     | 14  | 18                 | 22  | 6      | 8   | 11                 | 13  |

220 - 240 V

26.65 W

< 350 µA 22.4 A / 176 µs

0.98

6%

1 kV

2 kV

0 / 50 / 60 Hz

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