

 $(\cdot \cdot)$ 

# 100 eco surface - SVR100ECO-SUR1000-FXD927040-BLK





IK15





























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

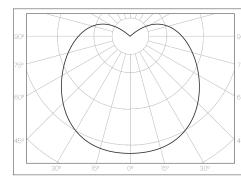
| intro |   |
|-------|---|
| IP66  | hermetically sealed light module cassette |
| AT06  | security torx tamper-proof fasteners      |

125 joules impact resistance

| range        | 100 eco surface   |
|--------------|---|
| product code | SVR100ECO-SUR1000-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





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# 100 eco surface - SVR100ECO-SUR1000-FXD927040-BLK



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driver

manufacturer

control interface

dimming range switch-on time

switch-off time

rated lifetime





# Tridonic

fixed output

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



#### dimensions [mm] L - length 970

| light source                  |                   | W - width   | 112                                     |
|-------------------------------|-------------------|-------------|---|
| manufacturer                  | Tridonic          | H - height  | 99                                      |
| technology                    | linear LED module |             |   |
| operating mode                | constant current  |             |   |
| delivered lumens              | 954 lm            |             |   |
| colour rendering index        | 90                | mounting    |   |
| correlated colour temperature | 2700 K            | type        | surface mounted                         |
| colour tolerance              | 3 SDCM            | method      | direct-fix or wall bracket              |
| СТІ                           | ≥ 600 V           | orientation | horizontal or vertical burning position |
| lumen maintenance [L80F10]    | > 72,000 h        |             | 0,1                                     |

## electrical

| rated supply voltage            | 220 - 240 V     |
|---------------------------------|-----------------|
| mains frequency                 | 0 / 50 / 60 Hz  |
| power consumption               | 9.99 W          |
| leakage current                 | < 350 µA        |
| in-rush current                 | 22.4 A / 176 µs |
| power factor [                  | 0.97            |
| THD                             | 8%              |
| overvoltage protection          | 320 V AC / 48 h |
| mains surge protection [L-N]    | 1 kV            |
| mains surge protection [L/N-PE] | 2 kV            |

## 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

| conductor size       | 1.5mm <sup>2</sup> |     | 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   | 21                 | 28  | 36                 | 45  | 13     | 17  | 22                 | 27  |



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