

50 classic surface - SVR050CLA-SUR1800-FXD840020-WHT



warranty

standards

AS/NZS 60598.1:2017

AS 60529-2004

ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21

AS/NZS 60598.2.1:2014

IEC/EN 62262:2002+A1:2021

7-year standard

10-year on application

# (::)(0) IK17 175 joules impact resistance country of origin Australia IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners accreditations Australian Made and Owned 50 classic surface range EESS RCM

product code SVR050CLA-SUR1800-FXD840020-WHT

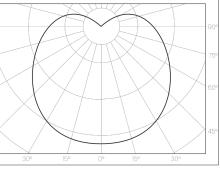
descriptionHeavy-gauge extruded aluminium mounting base with durable polyester<br/>powder coat finish and impact-resistant GRP security capsImpact-resistant UV-stabilised high-transmission polycarbonate light<br/>module diffuserServiceable replaceable and upgradable light module cassette<br/>Internal socket drive security-torx 304 stainless steel security fasteners<br/>Integral energy efficient Zhaga compliant Tridonic LED modules and power<br/>supply unit<br/>Direct-fix surface mounted

Internal stainless steel wire safety lanyards 1.0 m circular flex connection

applications extremely robust surface mount luminaire that enhances safety and security in the most 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) sales@survivorlighting.com







control interface dimming range switch-on time

switch-off time

rated lifetime

light source manufacturer

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# IK17 IK6 IK00 IK00 driver manufacturer Tridonic

| fixed output      |               |      |
|-------------------|---------------|------|
| -                 |               |      |
| < 600 ms          |               |      |
| < 20 ms           | •             | L    |
| > 100,000 h       |               | L.   |
|                   | dimensions [m | m ]  |
|                   | L - length    | 1810 |
|                   | W - width     | 72   |
| Tridonic          | H - height    | 99   |
| linear LED module |               |      |
| constant current  |               |      |

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| technology                    | linear LED module |             |   |
|-------------------------------|-------------------|-------------|---|
| operating mode                | constant current  |             |   |
| delivered lumens              | 1679 lm           | mounting    |   |
| colour rendering index        | 80                | type        | surface                                 |
| correlated colour temperature | 4000 K            | method      | direct-fix or wall bracket              |
| colour tolerance              | 3 SDCM            | orientation | horizontal or vertical burning position |
| СТІ                           | ≥ 600 V           | onentation  | nonzontal of vertical barning position  |
| lumen maintenance [L80F10]    | > 72,000 h        |             |   |
|                               |                   |             |   |

# electrical

| rated supply voltage            | 220 - 240 V     |
|---------------------------------|-----------------|
| mains frequency                 | 0 / 50 / 60 Hz  |
| power consumption               | 14.99 W         |
| leakage current                 | < 230 µA        |
| in-rush current                 | 23.0 A / 174 µs |
| power factor [                  | 0.98            |
| THD                             | 6%              |
| 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   | white texture polyester powder coat + white GRP |

## light module cassette

| material | high-transmission + uv-stabilised extruded<br>polycarbonate [hermetically sealed] |
|----------|---|
| finish   | clear reeded  |

## maximum circuit breaker loads

| 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   | 21     | 28  | 35                 | 45  | 13     | 17  | 21                 | 27  |

(SURVIVOR)

sales@survivorlighting.com +61 2 9191 9800

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