

100 classic surface - SVR100CLA-SUR1800-FXD835020-BLK



IK17

IP66













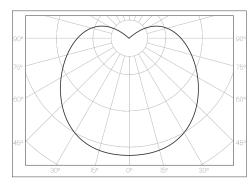


| 175 joules impact resistance | |
|---|--|
| hermetically sealed light module cassette | |

AT06 security torx tamper-proof fasteners

- 100 classic surface range SVR100CLA-SUR1800-FXD835020-BLK product code
- description Heavy-gauge extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant GRP security caps 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 extremely robust surface mounted 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





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data subject to change without notice. E&OE

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

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manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime

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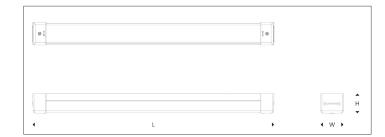


IK17 IF66 IOO AT06 IOO RCM driver

Tridonic fixed output

inte a catpe

- < 600 ms
- < 20 ms
- > 100,000 h



dimensions [mm]

1810

L - length

| light source | | W - width | 112 | | | |
|-------------------------------|-------------------|-------------|---|--|--|--|
| manufacturer | Tridonic | H - height | 99 | | | |
| technology | linear LED module | | | | | |
| operating mode | constant current | | | | | |
| delivered lumens | 1115 lm | | | | | |
| colour rendering index | 80 | mounting | | | | |
| correlated colour temperature | 3500 K | type | surface mounted | | | |
| colour tolerance | 3 SDCM | method | direct-fix or wall bracket | | | |
| CTI | ≥ 600 V | orientation | horizontal or vertical burning position | | | |
| lumen maintenance [L80F10] | > 72,000 h | | · · · · · · · · · · · · · · · · · · · | | | |
| | | | | | | |

electrical

| rated supply voltage | 220 - 240 V |
|---------------------------------|-----------------|
| mains frequency | 0 / 50 / 60 Hz |
| power consumption | 9.99 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 | black texture polyester powder coat + black GRF |

light module cassette

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

maximum circuit breaker loads

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



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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 \$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