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## 50 classic semi-recessed - SVR050CLA-SRE1000-FXD850080-BLK





























ANSI/IES LM-80-21

ANSI/IES TM-21-21

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 semi-recessed range EESS RCM product code SVR050CLA-SRE1000-FXD850080-BLK Heavy-gauge extruded aluminium mounting base with durable polyester description powder coat finish and impact-resistant GRP security caps warranty Impact-resistant UV-stabilised high-transmission polycarbonate light 7-year standard module diffuser 10-year on application 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 standards supply unit AS/NZS 60598.1:2017 Direct-fix or recessed butterfly bracket AS/NZS 60598.2.1:2014 Internal stainless steel wire safety lanyards AS/NZS 60598.2.2:2016 AS 60529-2004 1.0 m circular flex connection IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19

applications extremely robust semi-recessed 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



data subject to change without notice. E&OE



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driver

manufacturer

control interface

dimming range

switch-on time

switch-off time

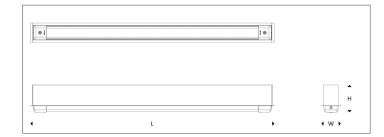
rated lifetime



# Tridonic

fixed output

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



| light source                  |                   | W - width   | 96                                      |
|-------------------------------|-------------------|-------------|---|
| manufacturer                  | Tridonic          | H - height  | 138                                     |
| technology                    | linear LED module | cut-out     | 975 x 81                                |
| operating mode                | constant current  |             |   |
| delivered lumens              | 3309 lm           |             |   |
| colour rendering index        | 80                |             |   |
| correlated colour temperature | 5000 K            | mounting    |   |
| colour tolerance              | 3 SDCM            | type        | semi-recessed                           |
| CTI                           | ≥ 600 V           | method      | direct-fix or butterfly bracket         |
| lumen maintenance [L80F10]    | > 72,000 h        | orientation | horizontal or vertical burning position |
|                               |                   |             |   |
|                               |                   |             |   |

| el | ec | tr | ic | al |
|----|----|----|----|----|
|    |    |    |    |    |

| rated supply voltage            | 220 - 240 V     |
|---------------------------------|-----------------|
| mains frequency                 | 0 / 50 / 60 Hz  |
| power consumption               | 29.97 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

finish

dimensions [mm]

990

L - length

| extruded aluminium base + GRP security end caps |
|---|
| black texture polyester powder coat + black 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  | 36                 | 45  | 13     | 17  | 22                 | 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 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