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# 50 classic semi-recessed - SVR050CLA-SRE2400-DA2827060-BLK



IK17

IP66

AT06











175 joules impact resistance

hermetically sealed light module cassette

security torx tamper-proof fasteners

























DAL



country of origin Australia

### accreditations

Australian Made and Owned DALI Alliance EESS RCM

#### warranty

7-year standard 10-year on application

#### standards

AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS/NZS 60598.2.2:2016 AS 60529-2004 IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21

50 classic semi-recessed range product code SVR050CLA-SRE2400-DA2827060-BLK Heavy-gauge extruded aluminium mounting base with durable polyester description 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 or recessed butterfly bracket Internal stainless steel wire safety lanyards 1.0 m circular flex connection

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



sales@survivorlighting.com +61 2 9191 9800

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# (0) $\oslash$ DAL

| driver                          |                   |              |  |  |  |  |  |  |
|---------------------------------|-------------------|--------------|--|--|--|--|--|--|
| manufacturer                    | Tridonic          |              |  |  |  |  |  |  |
| control interface               | DALI-2            |              |  |  |  |  |  |  |
| dimming range                   | 1 - 100 %         |              |  |  |  |  |  |  |
| switch-on time                  | < 700 ms          |              | н  |  |  |  |  |  |
| switch-off time                 | < 50 ms           |              | ·  |  |  |  |  |  |
| rated lifetime                  | > 100,000 h       | •            | L • • • • • • •                                |  |  |  |  |  |
|                                 |                   | [mm]         |  |  |  |  |  |  |
|                                 |                   |              | dimensions [mm]<br>L - length 2390             |  |  |  |  |  |
| light source                    |                   | W - width    | 96   |  |  |  |  |  |
| manufacturer                    | Tridonic          | H - height   | 138  |  |  |  |  |  |
| technology                      | linear LED module | cut-out      | 2375 x 81                                      |  |  |  |  |  |
| operating mode                  | constant current  |              | 2070 A 01                                      |  |  |  |  |  |
| delivered lumens                | 4077 Im           |              |  |  |  |  |  |  |
| colour rendering index          | 80                |              |  |  |  |  |  |  |
| correlated colour temperature   | 2700 K            | mounting     |  |  |  |  |  |  |
| colour tolerance                | 3 SDCM            | type         | semi-recessed                                  |  |  |  |  |  |
| СТІ                             | ≥ 600 V           | method       | direct-fix or butterfly bracket                |  |  |  |  |  |
| lumen maintenance [L80F10]      | > 72,000 h        | orientation  |  |  |  |  |  |  |
|                                 | ,                 |              | ······   |  |  |  |  |  |
|                                 |                   |              |  |  |  |  |  |  |
| electrical                      |                   | mounting bo  | ise + end caps                                 |  |  |  |  |  |
| rated supply voltage            | 220 - 240 V       | material     | extruded aluminium base + GRP security end     |  |  |  |  |  |
| mains frequency                 | 0 / 50 / 60 Hz    |              | caps   |  |  |  |  |  |
| power consumption               | 39.97 W           | finish       | black texture polyester powder coat + black GR |  |  |  |  |  |
| leakage current                 | < 350 µA          |              |  |  |  |  |  |  |
| in-rush current                 | 22.4 A / 176 µs   |              |  |  |  |  |  |  |
| power factor [                  | 0.98              | light module | e cassette                                     |  |  |  |  |  |
| THD                             | 6%                | material     | high-transmission + uv-stabilised extruded     |  |  |  |  |  |
| overvoltage protection          | 320 V AC / 48 h   |              | polycarbonate [hermetically sealed]            |  |  |  |  |  |
| mains surge protection [L-N]    | 1 kV              | finish       | clear reeded                                   |  |  |  |  |  |
| mains surge protection [L/N-PE] | 2 kV              |              |  |  |  |  |  |  |
|                                 |                   | I            |  |  |  |  |  |  |

## maximum circuit breaker loads

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

(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