

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



- IK17** 175 joules impact resistance
- IP66** hermetically sealed light module cassette
- AT06** security torx tamper-proof fasteners

**country of origin**  
Australia

- range** 50 classic semi-recessed
- product code** SVR050CLA-SRE1000-FXD850080-BLK

**accreditations**  
Australian Made and Owned  
EESS  
RCM

**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 or recessed butterfly bracket

Internal stainless steel wire safety lanyards

1.0 m circular flex connection

**warranty**  
7-year standard  
10-year on application

**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

**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

**polar curve**



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#### driver

|                   |              |
|-------------------|--------------|
| manufacturer      | Tridonic     |
| control interface | fixed output |
| dimming range     | -            |
| switch-on time    | < 700 ms     |
| switch-off time   | < 50 ms      |
| rated lifetime    | > 100,000 h  |

#### light source

|                               |                   |
|-------------------------------|-------------------|
| manufacturer                  | Tridonic          |
| technology                    | linear LED module |
| operating mode                | constant current  |
| delivered lumens              | 3309 lm           |
| colour rendering index        | 80                |
| correlated colour temperature | 5000 K            |
| colour tolerance              | 3 SDCM            |
| CTI                           | ≥ 600 V           |
| lumen maintenance [L80F10]    | > 72,000 h        |

#### electrical

|                                 |                 |
|---------------------------------|-----------------|
| 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            |



#### dimensions [mm]

|            |          |
|------------|----------|
| L - length | 990      |
| W - width  | 96       |
| H - height | 138      |
| cut-out    | 975 x 81 |

#### mounting

|             |   |
|-------------|---|
| type        | semi-recessed                           |
| method      | direct-fix or butterfly bracket         |
| orientation | horizontal or vertical burning position |

#### mounting base + end caps

|          |   |
|----------|---|
| material | extruded aluminium base + GRP security end caps |
| finish   | black texture polyester powder coat + black GRP |

#### light module cassette

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

#### maximum circuit breaker loads

| conductor size       | 1.5mm <sup>2</sup> |     | 2.5mm <sup>2</sup> |     | 1.5mm <sup>2</sup> |     | 2.5mm <sup>2</sup> |     |
|----------------------|--------------------|-----|--------------------|-----|--------------------|-----|--------------------|-----|
|                      | C10                | C13 | C16                | C20 | B10                | B13 | B16                | B20 |
| circuit breaker type | C10                | C13 | C16                | C20 | B10                | B13 | B16                | B20 |
| luminaire quantity   | 21                 | 28  | 36                 | 45  | 13                 | 17  | 22                 | 27  |