SURVIVOR
extreme lighting | no boundaries

AUSTRALIAN MADE AND OWNED

# 50 classic **recessed** - SVR050CLA-REC2400-FXD835040-BLK

IK17 IP66 AT06 RCM

**IK17** 175 joules impact resistance

**IP66** hermetically sealed light module cassette

**AT06** security torx tamper-proof fasteners

**range** 50 classic recessed

**product code** SVR050CLA-REC2400-FXD835040-BLK

**description**

Heavy-gauge extruded aluminium mounting base and security caps with durable polyester powder coat finish

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

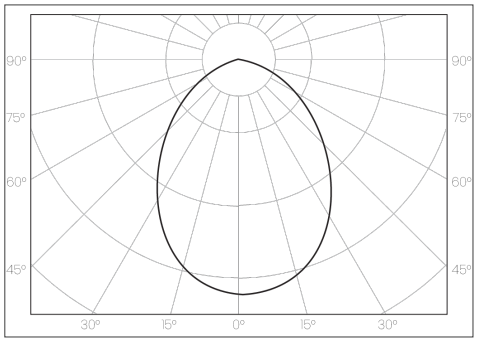
Direct-fix or recessed butterfly bracket

Internal stainless steel wire safety lanyards

1.0 m circular flex connection

**applications** extremely robust 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**




**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/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

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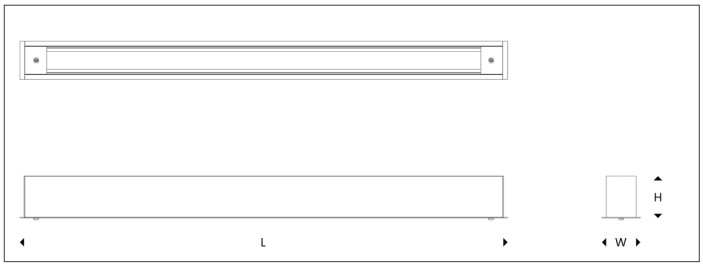
## driver

| | |
|---|---|
| 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 | 2143 lm |
| colour rendering index | 80 |
| correlated colour temperature | 3500 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 | 26.65 W |
| leakage current | < 350 µA |
| in-rush current | 22.4 A / 176 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 |

## dimensions [mm]

| | |
|---|---|
| L - length | 2390 |
| W - width | 96 |
| H - height | 102 |
| cut-out | 2375 x 81 |

## mounting

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

## mounting base + end caps

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

## light module cassette

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

## maximum circuit breaker loads

| conductor size | 1.5mm² | | 2.5mm² | | 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 |

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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 S200 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**