

50 classic recessed - SVR050CLA-REC0500-FXD830080-BLK



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IK17

IP66

AT06



175 joules impact resistance

hermetically sealed light module cassette

security torx tamper-proof fasteners











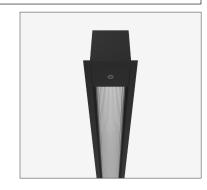












country of origin Australia

accreditations

Australian Made and Owned EESS RCM

warranty

7-year standard 10-year on application

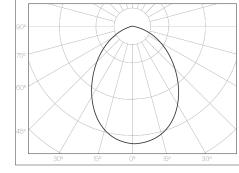
standards

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

50 classic recessed range product code SVR050CLA-REC0500-FXD830080-BLK Heavy-gauge extruded aluminium mounting base and security caps with description 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





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driver

light source

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$(\cdot \cdot)$ (0) \oslash manufacturer Tridonic ۰ . control interface fixed output dimming range < 700 ms switch-on time switch-off time < 30 ms 4 L • rated lifetime > 100,000 h dimensions [mm] L - length 480

| | manufacturer | Tridonic | H - height | 102 | | |
|--|-------------------------------|-------------------|--------------------------|---|--|--|
| | technology | linear LED module | cut-out | 465 x 81 | | |
| | operating mode | constant current | | | | |
| | delivered lumens | 794 lm | | | | |
| | colour rendering index | 80 | | | | |
| | correlated colour temperature | 3000 K | mounting | | | |
| | colour tolerance | 3 SDCM | type | recessed | | |
| | СТІ | ≥ 600 V | method | direct-fix or butterfly bracket | | |
| | lumen maintenance [L80F10] | > 72,000 h | orientation | horizontal or vertical burning position | | |
| | | | | | | |
| | | | | | | |
| | electrical | | mounting base + end caps | | | |
| | rated supply voltage | 220 - 240 V | material | extruded aluminium base + security end caps | | |
| | mains frequency | 0 / 50 / 60 Hz | finish | black texture polyester powder coat | | |
| | power consumption | 9.99 W | | | | |
| | leakage current | < 700 µA | | | | |
| | in-rush current | 13.6 A / 304 µs | light module c | assette | | |
| | power factor [| 0.86 | material | high-transmission + uv-stabilised extruded | | |
| | тно | 19% | | polycarbonate [hermetically sealed] | | |
| | overvoltage protection | 320 V AC / 48 h | finish | clear reeded | | |
| | | | | | | |

W - width

96

maximum circuit breaker loads

mains surge protection [L-N]

mains surge protection [L/N-PE]

| conductor size | 1.5mm² | | 2.5mm² | | 1.5mm² | | 2.5mm ² | |
|----------------------|--------|-----|--------|-----|--------|-----|--------------------|-----|
| circuit breaker type | C10 | C13 | C16 | C20 | B10 | B13 | B16 | B20 |
| luminaire quantity | 30 | 38 | 46 | 58 | 18 | 23 | 28 | 35 |

1 kV

2 kV



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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