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50 classic recessed - SVR050CLA-REC2100-FXD835100-WHT



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175 joules impact resistance

















country of origin Australia

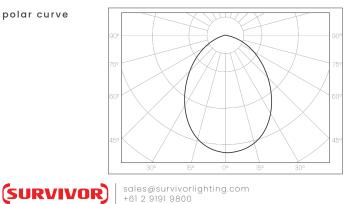
ANSI/IES LM-79-19 ANSI/IES LM-80-21

ANSI/IES TM-21-21

| IP66 | hermetically sealed light module cassette | Australia | | |
|-----------------------|--|--|--|--|
| AT06 | security torx tamper-proof fasteners | | | |
| | | accreditations | | |
| range product code | 50 classic recessed SVR050CLA-REC2100-FXD835100-WHT | Australian Made and Owner EESS RCM | | |
| | | | | |
| description | Heavy-gauge extruded aluminium mounting base and security caps with durable polyester powder coat finish | warranty | | |
| | Impact-resistant UV-stabilised high-transmission polycarbonate light module diffuser | 7-year standard 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 supply unit | standards 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 | | |
| | 1.0 m circular flex connection | AS 60529-2004 IEC/EN 62262:2002+A1:2021 | | |

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



data subject to change without notice. E&OE



driver

dimming range

switch-on time

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(::) (0) \oslash manufacturer Tridonic control interface fixed output

_

< 700 ms

| 0 | | • | |
|---|---|---|-------|
| | | | H |
| • | L | • | < w > |

| switch-off time | < 50 ms | ↓ | L | | | |
|-------------------------------|-------------------|---|---|--|--|--|
| rated lifetime | >100,000 h | • | , , , , , , , , , , , , , , , , , , , | | | |
| | | dimensions [mm] | | | | |
| | | L - length | 2110 | | | |
| light source | | W - width | 96 | | | |
| manufacturer | Tridonic | H - height | 102 | | | |
| technology | linear LED module | cut-out | 2095 x 81 | | | |
| operating mode | constant current | | | | | |
| delivered lumens | 4689 lm | | | | | |
| colour rendering index | 80 | | | | | |
| correlated colour temperature | 3500 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 | white texture polyester powder coat | | | |
| power consumption | 58.29 W | | | | | |
| leakage current | < 350 µA | | | | | |
| in-rush current | 22.4 A / 176 µs | light module cassette | | | | |
| power factor [| 0.97 | material | high-transmission + uv-stabilised extruded | | | |
| THD | 8% | | polycarbonate [hermetically sealed] | | | |
| overvoltage protection | 320 V AC / 48 h | finish | clear reeded | | | |
| mains surge protection [L-N] | 1 kV | | | | | |
| | | 1 | | | | |

maximum circuit breaker loads

mains surge protection [L/N-PE]

| conductor size | onductor size 1.5mm ² | | 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 |

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