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## 100 classic recessed - SVR100CLA-REC1800-FXD827020-WHT



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country of origin Australia

accreditations

EESS RCM

warranty 7-year standard 10-year on application

standards

AS/NZS 60598.1:2017

ANSI/IES LM-79-19

ANSI/IES LM-80-21

ANSI/IES TM-21-21

AS/NZS 60598.2.1:2014 AS/NZS 60598.2.2:2016 AS 60529-2004

IEC/EN 62262:2002+A1:2021

Australian Made and Owned

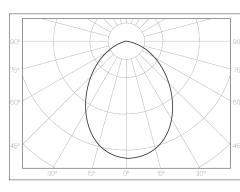
| IK17 | 175 joules impact resistance              |
|------|---|
| IP66 | hermetically sealed light module cassette |
| AT06 | security torx tamper-proof fasteners      |

| range        | 100 classic recessed   |
|--------------|--|
| product code | SVR100CLA-REC1800-FXD827020-WHT  |
| description  | Heavy-gauge extruded aluminium mounting base and security caps with durable polyester powder coat finish |
|              | Impact-resistant UV-stabilised high-transmission polycarbonate light<br>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<br>supply unit                  |
|              | Direct-fix or recessed butterfly bracket   |
|              | Internal stainless steel wire safety lanyards  |
|              |  |

1.0 m circular flex connection

applications extremely robust recessed 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

manufacturer

control interface

dimming range

switch-on time switch-off time

rated lifetime

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# Tridonic

fixed output

- < 600 ms
- < 20 ms
- > 100,000 h



#### light source W - width 138 manufacturer Tridonic H - height 102 technology linear LED module cut-out - 1815 L x 123 W operating mode constant current 788 lm delivered lumens colour rendering index 80 mounting correlated colour temperature 2700 K type recessed colour tolerance 3 SDCM method direct-fix or butterfly bracket CTI ≥ 600 V orientation horizontal or vertical burning position lumen maintenance [L80F10] > 72,000 h

### electrical

| rated supply voltage            | 220 - 240 V     |  |  |  |
|---------------------------------|-----------------|--|--|--|
| mains frequency                 | 0 / 50 / 60 Hz  |  |  |  |
| power consumption               | 9.99 W          |  |  |  |
| leakage current                 | < 230 µA        |  |  |  |
| in-rush current                 | 23.0 A / 174 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            |  |  |  |

### mounting base + end caps

dimensions [mm]

1830

L - length

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

### light module cassette

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

### maximum circuit breaker loads

| conductor size       | 1.5mm² |     | 2.5mm² |     | 1.5mm² |     | 2.5mm <sup>2</sup> |     |
|----------------------|--------|-----|--------|-----|--------|-----|--------------------|-----|
| circuit breaker type | C10    | C13 | C16    | C20 | B10    | B13 | B16                | B20 |
| luminaire quantity   | 21     | 28  | 35     | 45  | 13     | 17  | 21                 | 27  |



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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