

extreme lighting | no boundaries

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## 100 eco recessed - SVR100ECO-REC1200-FXD830020-WHT

























country of origin Australia

accreditations

EESS RCM

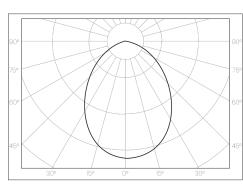
warranty 7-year standard 10-year on application

#### IK15 125 joules impact resistance IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners

| range        | 100 eco recessed   |  |  |  |  |  |  |
|--------------|--|--|--|--|--|--|--|
| product code | SVR100ECO-REC1200-FXD830020-WHT  |  |  |  |  |  |  |
| description  | 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 supply unit         |  |  |  |  |  |  |
|              | Direct-fix or recessed butterfly bracket   |  |  |  |  |  |  |
|              | Internal stainless steel wire safety lanyards  |  |  |  |  |  |  |
|              | 1.0 m circular flex connection   |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |

applications highly robust recessed luminaire that enhances safety and security in 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



(SURVIVOR)

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# 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

Australian Made and Owned







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# 

manufacturer

control interface

dimming range switch-on time

switch-off time

rated lifetime

driver



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# Tridonic

fixed output

- < 700 ms
- < 50 ms
- > 100,000 h



#### light source W - width 138 manufacturer Tridonic H - height 102 technology linear LED module cut-out - 1255 L x 123 W operating mode constant current 891 lm delivered lumens colour rendering index 80 mounting correlated colour temperature 3000 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

f

## electrical

| rated supply voltage            | 220 - 240 V     |
|---------------------------------|-----------------|
| mains frequency                 | 0 / 50 / 60 Hz  |
| power consumption               | 9.99 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            |

## mounting base + end caps

dimensions [mm]

1270

L - length

| naterial | extruded aluminium base + security end caps |
|----------|---|
| inish    | white texture polyester powder coat         |

## light module cassette

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

## maximum circuit breaker loads

| conductor size       | 1.5mm² |     | 2.5mm <sup>2</sup> |     | 1.5mm² |     | 2.5mm² |     |
|----------------------|--------|-----|--------------------|-----|--------|-----|--------|-----|
| circuit breaker type | C10    | C13 | C16                | C20 | B10    | B13 | B16    | B20 |
| luminaire quantity   | 21     | 28  | 36                 | 45  | 13     | 17  | 22     | 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