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100 classic recessed - SVR100CLA-REC1200-FXD835100-BLK

































country of origin Australia

accreditations

EESS RCM

warranty 7-year standard

standards

Australian Made and Owned

10-year on application

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

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

| AIGG | ocountry | conx compon | proorractorio | . 0 |
|------|----------|-------------|---------------|-----|
| | | | | |
| | | | | |

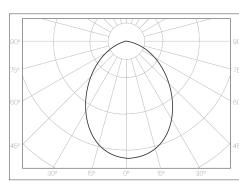
| range | 100 classic recessed |
|--------------|--|
| product code | SVR100CLA-REC1200-FXD835100-BLK |
| description | Heavy-gauge extruded aluminium mounting base and security caps with durable polyester powder coat finish |
| | Impact-resistant UV-stabilised high-transmission polycarbonate light module diffuser |
| | Serviceable replaceable and upgradable light module cassette |
| | Internal socket drive security-torx 304 stainless steel security fasteners |
| | Integral energy efficient Zhagg complignt Tridonic LED modules and power |

gy efficient Zhaga compliant Tridonic LED modules and power ntegrai ene 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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data subject to change without notice. E&OE

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100 classic recessed - SVR100CLA-REC1200-FXD835100-BLK



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manufacturer

control interface

dimming range switch-on time

switch-off time

rated lifetime

driver



(0)



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 2789 lm delivered lumens colour rendering index 80 mounting correlated colour temperature 3500 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 | 33.31 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

| 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 | | 2.5mm ² | | 1.5mm² | | 2.5mm ² | |
|----------------------|--------|-----|--------------------|-----|--------|-----|--------------------|-----|
| 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