

## 100 classic suspended - SVR100CLA-SUS1800-FXD827100-WHT



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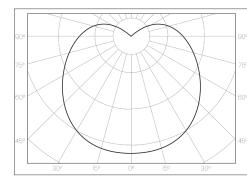


AT06 security torx tamper-proof fasteners

| range        | 100 classic suspended   |  |  |  |
|--------------|---|--|--|--|
| product code | SVR100CLA-SUS1800-FXD827100-WHT   |  |  |  |
| description  | Heavy-gauge extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant GRP security caps |  |  |  |
|              | 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  |  |  |  |
|              | Heavy-gauge stainless steel wire suspensions  |  |  |  |
|              | Internal stainless steel wire safety lanyards   |  |  |  |

- 1.0 m circular flex connection
- applications extremely robust suspended 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





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 60529-2004 IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21



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## 100 classic **suspended** - SVR100CLA-SUS1800-FXD827100-WHT



#### $(:\cdot)$ (0) $\langle \rangle$ driver manufacturer Tridonic © 1 20 control interface fixed output dimming range switch-on time < 600 ms Н switch-off time < 20 ms w 🕨 rated lifetime > 100,000 h dimensions [mm] L - length 1810 light source W - width 112 manufacturer Tridonic H - height 99 technology linear LED module operating mode constant current delivered lumens 5250 lm colour rendering index 80 mounting correlated colour temperature 2700 K type suspended colour tolerance 3 SDCM 2.0 m heavy duty stainless steel method CTL ≥ 600 V orientation horizontal burning position lumen maintenance [L80F10] > 72,000 h mounting base + end caps electrical material extruded aluminium base + GRP security end 220 - 240 V rated supply voltage caps 0 / 50 / 60 Hz mains frequency finish white texture polyester powder coat + white GRP 49.97 W power consumption leakage current < 230 µA 23.0 A / 174 µs in-rush current light module cassette power factor [ 0.98 material high-transmission + uv-stabilised extruded THD 6% polycarbonate [hermetically sealed] overvoltage protection 320 V AC / 48 h finish clear reeded mains surge protection [L-N] 1 kV mains surge protection [L/N-PE] 2 kV

### maximum circuit breaker loads

| conductor size       | 1.5mm² |     | 2.5mm² |     | 1.5mm² |     | 2.5mm² |     |
|----------------------|--------|-----|--------|-----|--------|-----|--------|-----|
| 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 norminal 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