

# 100 classic suspended - SVR100CLA-SUS2900-FXD940020-WHT



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 60529-2004

IEC/EN 62262:2002+A1:2021

Australian Made and Owned

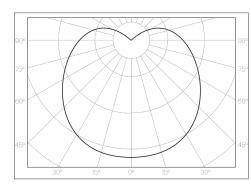


| range        | 100 classic suspended   |  |  |  |  |  |
|--------------|---|--|--|--|--|--|
| product code | SVR100CLA-SUS2900-FXD940020-WHT   |  |  |  |  |  |
| description  | Heavy-gauge extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant GRP security caps |  |  |  |  |  |
|              | 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





sales@survivorlighting.com +61 2 9191 9800

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#### $(:\cdot)$ (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 L w 🕨 rated lifetime > 100,000 h dimensions [mm] L - length 2930 112 light source W - width manufacturer Tridonic H - height 99 technology linear LED module operating mode constant current delivered lumens 2445 lm colour rendering index 90 mounting correlated colour temperature 4000 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 white texture polyester powder coat + white GRP finish 24.98 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

### maximum circuit breaker loads

mains surge protection [L-N]

mains surge protection [L/N-PE]

| conductor size       | 1.5mm² |     | 2.5mm² |     | 1.5mm² |     | 2.5mm² |     |
|----------------------|--------|-----|--------|-----|--------|-----|--------|-----|
| circuit breaker type | C10    | C13 | C16    | C20 | B10    | B13 | B16    | B20 |
| luminaire quantity   | 10     | 14  | 17     | 22  | 6      | 8   | 10     | 13  |

1 kV

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 colculated 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 inominal 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