

50 classic suspended - SVR050CLA-SUS2100-FXD827020-BLK

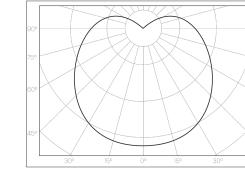




AT06 security torx tamper-proof fasteners accreditations Australian Made and Owned 50 classic suspended range EESS RCM product code SVR050CLA-SUS2100-FXD827020-BLK description Heavy-gauge extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant GRP security caps warranty Impact-resistant UV-stabilised high-transmission polycarbonate light 7-year standard module diffuser 10-year on application 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 standards supply unit AS/NZS 60598.1:2017 Heavy-gauge stainless steel wire suspensions AS/NZS 60598.2.1:2014 Internal stainless steel wire safety lanyards AS 60529-2004 IEC/EN 62262:2002+A1:2021 1.0 m circular flex connection

applications extremely robust suspended mount 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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ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21



control interface

dimming range

switch-on time switch-off time

rated lifetime

50 classic **suspended** - SVR050CLA-SUS2100-FXD827020-BLK

fixed output

< 700 ms

< 50 ms

> 100,000 h



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| | (unvvran) |
|--|-----------|

| light source | |
|-------------------------------|-------------------|
| manufacturer | Tridonic |
| technology | linear LED module |
| operating mode | constant current |
| delivered lumens | 1189 lm |
| colour rendering index | 80 |
| correlated colour temperature | 2700 K |
| colour tolerance | 3 SDCM |
| СТІ | ≥ 600 V |
| lumen maintenance [L80F10] | > 72,000 h |

electrical

| rated supply voltage | 220 - 240 V |
|---------------------------------|-----------------|
| mains frequency | 0 / 50 / 60 Hz |
| power consumption | 11.66 W |
| leakage current | < 350 µA |
| in-rush current | 22.4 A / 176 µs |
| power factor [| 0.97 |
| THD | 8% |
| 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]

2090

72

99

suspended

L - length

W - width

H - height

mounting type

method

r

f

m

fir

orientation

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

2.0 m heavy duty stainless steel

horizontal burning position

light module cassette

| aterial | high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed] |
|---------|--|
| nish | clear reeded |

maximum circuit breaker loads

| conductor size | 1.5m | 1m² | 2.5n | nm² | 1.5m | 1m² | 2.5r | nm² |
|----------------------|------|-----|------|-----|------|-----|------|-----|
| circuit breaker type | C10 | C13 | C16 | C20 | B10 | B13 | B16 | B20 |
| luminaire quantity | 10 | 14 | 18 | 22 | 6 | 8 | 11 | 13 |



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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

