

# 50 classic surface - SVR050CLA-SUR1000-FXD940060-WHT



# (::)(0) IK17 175 joules impact resistance country of origin Australia IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners accreditations Australian Made and Owned 50 classic surface range EESS RCM product code SVR050CLA-SUR1000-FXD940060-WHT Heavy-gauge extruded aluminium mounting base with durable polyester description

warranty 7-year standard 10-year on application

### standards

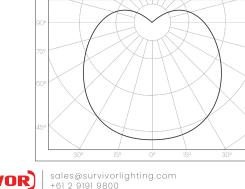
AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS 60529-2004 IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21

Impact-resistant UV-stabilised high-transmission polycarbonate light<br/>module diffuserServiceable replaceable and upgradable light module cassette<br/>Internal socket drive security-torx 304 stainless steel security fasteners<br/>Integral energy efficient Zhaga compliant Tridonic LED modules and power<br/>supply unit<br/>Direct-fix surface mounted<br/>Internal stainless steel wire safety lanyards<br/>1.0 m circular flex connectionapplicationsextremely robust surface mount luminaire that enhances safety and securi

**pplications** extremely robust surface 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

powder coat finish and impact-resistant GRP security caps

#### polar curve







switch-off time

rated lifetime

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#### $(\cdot \cdot)$ (0) $\oslash$ driver manufacturer Tridonic 01 control interface fixed output dimming range < 700 ms switch-on time

< 50 ms

> 100,000 h



|                               |                   | L iongen                 | 0,0   |  |
|-------------------------------|-------------------|--------------------------|---|--|
| light source                  |                   | W - width                | 72  |  |
| manufacturer                  | Tridonic          | H - height               | 99  |  |
| technology                    | linear LED module |                          |   |  |
| operating mode                | constant current  |                          |   |  |
| delivered lumens              | 2136 lm           | mounting                 |   |  |
| colour rendering index        | 90                | type                     | surface   |  |
| correlated colour temperature | 4000 K            | method                   | direct-fix or wall bracket                      |  |
| colour tolerance              | 3 SDCM            | orientation              | horizontal or vertical burning position         |  |
| СТІ                           | ≥ 600 V           |                          | ·····3···                                       |  |
| lumen maintenance [L80F10]    | > 72,000 h        |                          |   |  |
|                               |                   |                          |   |  |
|                               |                   | mounting base + end caps |   |  |
| electrical                    |                   | material                 | extruded aluminium base + GRP security end caps |  |
| rated supply voltage          | 220 - 240 V       | finish                   | white texture polyester powder coat + white GRP |  |
| mains frequency               | 0 / 50 / 60 Hz    |                          |   |  |
| power consumption             | 22.48 W           |                          |   |  |
| leakage current               | < 350 µA          | light module o           | cassette  |  |
| in-rush current               | 22.4 A / 176 µs   | material                 | high-transmission + uv-stabilised extruded      |  |
|                               |                   |                          |   |  |

finish

dimensions [mm]

970

L - length

## power factor [ 0.97 THD 8% 320 V AC / 48 h overvoltage protection mains surge protection [L-N] 1 kV mains surge protection [L/N-PE] 2 kV

| dule cas | ssette   |
|----------|--|
|          | igh-transmission + uv-stabilised extruded<br>volycarbonate [hermetically sealed] |

clear reeded

### 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  | 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