

50 classic **surface** - SVR050CLA-SUR2400-FXD850080-BLK



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

country of origin
Australia

range 50 classic surface

product code SVR050CLA-SUR2400-FXD850080-BLK

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 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

Direct-fix surface mounted

Internal stainless steel wire safety lanyards

1.0 m circular flex connection

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

applications

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

polar curve



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driver

| | |
|-------------------|--------------|
| manufacturer | Tridonic |
| control interface | fixed output |
| dimming range | - |
| switch-on time | < 700 ms |
| switch-off time | < 50 ms |
| rated lifetime | > 100,000 h |

light source

| | |
|-------------------------------|-------------------|
| manufacturer | Tridonic |
| technology | linear LED module |
| operating mode | constant current |
| delivered lumens | 8824 lm |
| colour rendering index | 80 |
| correlated colour temperature | 5000 K |
| colour tolerance | 3 SDCM |
| CTI | ≥ 600 V |
| lumen maintenance [L80F10] | > 72,000 h |

electrical

| | |
|---------------------------------|-----------------|
| rated supply voltage | 220 – 240 V |
| mains frequency | 0 / 50 / 60 Hz |
| power consumption | 79.93 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 |



dimensions [mm]

| | |
|------------|------|
| L - length | 2370 |
| W - width | 72 |
| H - height | 99 |

mounting

| | |
|-------------|-----------------------------------------|
| type | surface |
| method | direct-fix or wall bracket |
| orientation | horizontal or vertical burning position |

mounting base + end caps

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

light module cassette

| | |
|----------|--------------------------------------------------------------------------------|
| material | high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed] |
| finish | clear reeded |

maximum circuit breaker loads

| | | | | | | | | |
|----------------------|--------------------|-----|--------------------|-----|--------------------|-----|--------------------|-----|
| conductor size | 1.5mm ² | | 2.5mm ² | | 1.5mm ² | | 2.5mm ² | |
| circuit breaker type | C10 | C13 | C16 | C20 | B10 | B13 | B16 | B20 |
| luminaire quantity | 10 | 14 | 18 | 22 | 6 | 8 | 11 | 13 |