

## 50 classic recessed - SVR050CLA-REC2900-FXD930040-BLK



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ANSI/IES LM-80-21

ANSI/IES TM-21-21

| IK17                  | 175 joules impact resistance                                                                                                                                                        | country of origin                                               |  |  |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--|--|
| IP66                  | hermetically sealed light module cassette                                                                                                                                           | Australia                                                       |  |  |
| A T O 6               | security torx tamper-proof fasteners                                                                                                                                                |                                                                 |  |  |
|                       |                                                                                                                                                                                     | accreditations                                                  |  |  |
| range<br>product code | 50 classic recessed<br>SVR050CLA-REC2900-FXD930040-BLK                                                                                                                              | Australian Made and Owned<br>EESS<br>RCM                        |  |  |
| description           | Heavy-gauge extruded aluminium mounting base and security caps with<br>durable polyester powder coat finish<br>Impact-resistant UV-stabilised high-transmission polycarbonate light | <b>warranty</b><br>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 supply unit                                                                                                | <b>standards</b><br>AS/NZS 60598.1:2017                         |  |  |
|                       | Direct-fix or recessed butterfly bracket                                                                                                                                            | AS/NZS 60598.2.1:2014                                           |  |  |
|                       | Internal stainless steel wire safety lanyards                                                                                                                                       | AS/NZS 60598.2.2:2016                                           |  |  |
|                       | 1.0 m circular flex connection                                                                                                                                                      | AS 60529-2004<br>IEC/EN 62262:2002+A1:2021<br>ANSI/IES LM-79-19 |  |  |

applications extremely robust recessed 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

switch-on time

switch-off time

rated lifetime

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#### (::)(0) $\oslash$ ATO manufacturer Tridonic ۰ control interface fixed output dimming range

- < 600 ms
- < 20 ms
- > 100,000 h



| light source                  |                   | W - width     | 96                                      |
|-------------------------------|-------------------|---------------|-----------------------------------------|
| manufacturer                  | Tridonic          | H - height    | 102                                     |
| technology                    | linear LED module | cut-out       | 2935 x 81                               |
| operating mode                | constant current  |               |                                         |
| delivered lumens              | 3372 lm           |               |                                         |
| colour rendering index        | 90                |               |                                         |
| correlated colour temperature | 3000 K            | mounting      |                                         |
| colour tolerance              | 3 SDCM            | type          | recessed                                |
| CTI                           | ≥ 600 V           | method        | direct-fix or butterfly bracket         |
| lumen maintenance [L80F10]    | > 72,000 h        | orientation   | horizontal or vertical burning position |
|                               |                   |               |                                         |
|                               |                   |               |                                         |
| electrical                    |                   | mounting base | e + end caps                            |
|                               |                   |               |                                         |

dimensions [mm]

2950

L - length

|                 | rated supply voltage            | 220 - 240 V     | material              | extruded aluminium base + security end caps |  |  |  |
|-----------------|---------------------------------|-----------------|-----------------------|---------------------------------------------|--|--|--|
|                 | mains frequency                 | 0 / 50 / 60 Hz  | finish                | black texture polyester powder coat         |  |  |  |
|                 | power consumption               | 49.95 W         |                       |                                             |  |  |  |
|                 | leakage current                 | < 230 µA        |                       |                                             |  |  |  |
| in-rush current |                                 | 23.0 A / 174 µs | light module cassette |                                             |  |  |  |
|                 | power factor [                  | 0.98            | material              | high-transmission + uv-stabilised extruded  |  |  |  |
|                 | THD                             | 6%              | material              | 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       | 1.5mm <sup>2</sup> |     | 2.5mm <sup>2</sup> |     | 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  |



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