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175 joules impact resistance

50 classic recessed

hermetically sealed light module cassette

security torx tamper-proof fasteners

SVR050CLA-REC2900-DA2840080-BLK

IK17

IP66

AT06

range

product code

## 50 classic recessed - SVR050CLA-REC2900-DA2840080-BLK



# DAL





country of origin Australia

### accreditations

Australian Made and Owned DALI Alliance EESS RCM

warranty

7-year standard 10-year on application

#### standards

AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS/NZS 60598.2.2:2016 AS 60529-2004 IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21

| description  | Heavy-gauge extruded aluminium mounting base and security caps with durable polyester powder coat finish   |  |  |  |  |  |  |
|--------------|--|--|--|--|--|--|--|
|              | 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   |  |  |  |  |  |  |
|              | Direct-fix or recessed butterfly bracket   |  |  |  |  |  |  |
|              | Internal stainless steel wire safety lanyards  |  |  |  |  |  |  |
|              | 1.0 m circular flex connection   |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |
| applications | extremely robust recessed mount luminaire that enhances safety and<br>security in the most challenging environments. a durable construction<br>ensures dependable operation and superior performance under harsh<br>operating conditions; ideal for applications such as transportation,<br>custodial, public areas, and secure healthcare |  |  |  |  |  |  |
| polar curve  |  |  |  |  |  |  |  |





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#### (::)(0) $\langle \rangle$ DAL driver manufacturer Tridonic 0 control interface DALI-2 dimming range 1 - 100 % switch-on time < 600 ms н switch-off time < 20 ms L ۰w 4 . rated lifetime > 100,000 h dimensions [mm] L - length 2950 W - width 96 light source manufacturer Tridonic H - height 102 technology linear LED module cut-out 2935 x 81 operating mode constant current 8309 Im delivered lumens colour rendering index 80 correlated colour temperature 4000 K mounting colour tolerance 3 SDCM type recessed CTL ≥ 600 V method direct-fix or butterfly bracket lumen maintenance [L80F10] > 72,000 h orientation horizontal or vertical burning position electrical mounting base + end caps 220 - 240 V rated supply voltage material extruded aluminium base + security end caps mains frequency 0 / 50 / 60 Hz finish black texture polyester powder coat 99.91 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 mains surge protection [L-N] 1 kV mains surge protection [L/N-PE] 2 kV

#### maximum circuit breaker loads

| conductor size       | 1.5mm² |     | 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  |



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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 norminal 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