

50 classic **semi-recessed** - SVR050CLA-SRE1800-DA2827080-WHT



DALI 2





IEC/EN 62262:2002+A1:2021

ANSI/IES LM-79-19

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 | | | |
| AT06 | security torx tamper-proof fasteners | | | | |
| | | accreditations | | | |
| range product code | 50 classic semi-recessed SVR050CLA-SRE1800-DA2827080-WHT | Australian Made and Owned DALI Alliance EESS RCM | | | |
| 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 | warranty 7-year standard | | | |
| | Serviceable replaceable and upgradable light module cassette Internal socket drive security-torx 304 stainless steel security fasteners | 10-year on application | | | |
| | Integral energy efficient Zhaga compliant Tridonic LED modules and power supply unit | standards | | | |
| | Direct-fix or recessed butterfly bracket Internal stainless steel wire safety lanyards | AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS/NZS 60598.2.2:2016 | | | |
| | 1.0 m circular flex connection | AS 60529-2004 | | | |

applications extremely robust semi-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







(::)

(0)

ATO

 \oslash

driver

manufacturer

50 classic semi-recessed - SVR050CLA-SRE1800-DA2827080-WHT



Tridonic DALI-2

| control interface | DALI-2 | | | | | |
|-------------------------------|-------------------|--------------------------|---|--|--|--|
| dimming range | 1 - 100 % | | | | | |
| switch-on time | < 600 ms | | ▲ H | | | |
| switch-off time | < 20 ms | | | | | |
| rated lifetime | > 100,000 h | | | | | |
| | | dimensions [mm] | | | | |
| | | L - length | 1830 | | | |
| light source | | W - width | 96 | | | |
| manufacturer | Tridonic | H - height | 138 | | | |
| technology | linear LED module | cut-out | cut-out 1815 x 81 | | | |
| operating mode | constant current | | | | | |
| delivered lumens | 4077 lm | | | | | |
| colour rendering index | 80 | | | | | |
| correlated colour temperature | 2700 K | mounting | mounting | | | |
| colour tolerance | 3 SDCM | type | semi-recessed | | | |
| СТІ | ≥ 600 V | method | method direct-fix or butterfly bracket | | | |
| lumen maintenance [L80F10] | > 72,000 h | orientation | horizontal or vertical burning position | | | |
| | | | | | | |
| | | | | | | |
| electrical | | mounting base + end caps | | | | |
| rated supply voltage | 220 - 240 V | material | extruded aluminium base + GRP security end | | | |
| mains frequency | 0 / 50 / 60 Hz | | caps | | | |
| power consumption | 39.97 W | finish | white texture polyester powder coat + white GRP | | | |
| leakage current | < 230 µA | | | | | |
| in-rush current | 23.0 A / 174 µs | | | | | |
| power factor [| 0.98 | light module | e cassette | | | |
| THD | 6% | material | high-transmission + uv-stabilised extruded | | | |
| overvoltage protection | 320 V AC / 48 h | | polycarbonate [hermetically sealed] | | | |
| mains surge protection [L-N] | 1 kV | finish | clear reeded | | | |
| | | | | | | |

maximum circuit breaker loads

mains surge protection [L/N-PE]

| 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 | 35 | 45 | 13 | 17 | 21 | 27 |

2 kV



sales@survivorlighting.com +61 2 9191 9800

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 colculated 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