

100 eco surface - SVR100ECO-SUR1800-DA2940100-WHT



DAL





standards

AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS 60529-2004

ANSI/IES LM-79-19

ANSI/IES LM-80-21

ANSI/IES TM-21-21

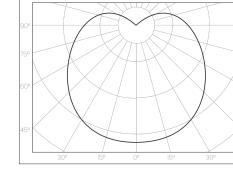
IEC/EN 62262:2002+A1:2021

| IK15 | 125 joules impact resistance | country of origin Australia | | |
|--------------|--|--|--|--|
| IP66 | hermetically sealed light module cassette | | | |
| AT06 | security torx tamper-proof fasteners | | | |
| | | accreditations | | |
| range | 100 eco surface | Australian Made and Owned DALI Alliance | | |
| product code | SVR100ECO-SUR1800-DA2940100-WHT | EESS | | |
| description | Extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant GRP security caps | RCM | | |
| | Impact-resistant UV-stabilised high-transmission polycarbonate light module diffuser | | | |
| | Serviceable replaceable and upgradable light module cassette | warranty | | |
| | Internal socket drive security-torx 304 stainless steel security fasteners | 7-year standard | | |
| | Integral energy efficient Zhaga compliant Tridonic LED modules and power supply unit | 10-year on application | | |
| | Direct-fix surface mounted | | | |

Internal stainless steel wire safety lanyards

- 1.0 m circular flex connection
- applications highly robust surface mounted luminaire that enhances safety and security in 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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(::)(0) $\langle c \rangle$ DAL driver manufacturer Tridonic © 1 2.0 control interface DALI-2 dimming range 1 - 100 % switch-on time < 600 ms н switch-off time < 20 ms L rated lifetime > 100,000 h dimensions [mm] L - length 1810 light source W - width 112 manufacturer Tridonic H - height 99 technology linear LED module operating mode constant current delivered lumens 7766 lm colour rendering index 90 mounting correlated colour temperature 4000 K type surface mounted colour tolerance 3 SDCM direct-fix or wall bracket method CTL ≥ 600 V orientation horizontal or vertical burning position lumen maintenance [L80F10] > 72,000 h mounting base + end caps electrical material extruded aluminium base + GRP security end 220 - 240 V rated supply voltage caps 0 / 50 / 60 Hz mains frequency white texture polyester powder coat + white GRP finish 74.93 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 translucent reeded mains surge protection [L-N] 1 kV mains surge protection [L/N-PE] 2 kV

maximum circuit breaker loads

| conductor size 1.5mm ² | | m² | 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 |



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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