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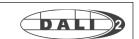
100 eco surface

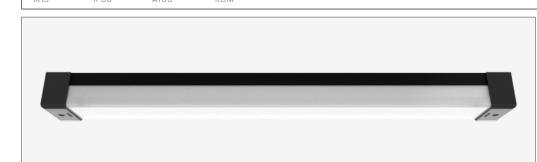
range

# 100 eco surface - SVR100ECO-SUR1000-DA2850100-BLK

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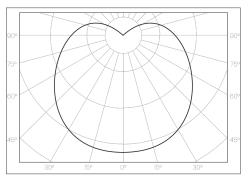


| IK15    | 125 joules impact resistance              |
|---------|---|
| IP66    | hermetically sealed light module cassette |
| A T 0 6 | security torx tamper-proof fasteners      |
|         |   |
|         |   |

| product code | SVR100ECO-SUR1000-DA2850100-BLK  |
|--------------|--|
| description  | Extruded aluminium mounting base with durable polyester powder coat<br>finish and impact-resistant GRP security caps |
|              | 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 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



#### data subject to change without notice. E&OE

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 60529-2004 IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21

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# 100 eco surface - SVR100ECO-SUR1000-DA2850100-BLK



#### (::)(0) $\langle c \rangle$ DAL driver manufacturer Tridonic © 1 2.0 control interface DALI-2 dimming range 1 - 100 % switch-on time < 700 ms н switch-off time < 50 ms L W rated lifetime > 100,000 h dimensions [mm] L - length 970 light source W - width 112 manufacturer Tridonic H - height 99 technology linear LED module operating mode constant current delivered lumens 4512 lm colour rendering index 80 mounting correlated colour temperature 5000 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 finish black texture polyester powder coat + black GRP 37.47 W power consumption leakage current < 350 µA 22.4 A / 176 µs in-rush current light module cassette power factor [ 0.97 material high-transmission + uv-stabilised extruded THD 8% 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       | 1.5mm² |     | 2.5mm <sup>2</sup> |     | 1.5mm² |     | 2.5mm² |     |
|----------------------|--------|-----|--------------------|-----|--------|-----|--------|-----|
| circuit breaker type | C10    | C13 | C16                | C20 | B10    | B13 | B16    | B20 |
| luminaire quantity   | 21     | 28  | 36                 | 45  | 13     | 17  | 22     | 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