



50 eco surface - SVR050ECO-SUR1200-DA2827040-BLK

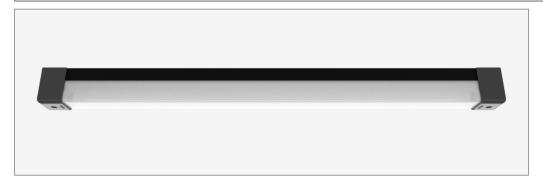














IK15 125 joules impact resistance

IP66 hermetically sealed light module cassette

ATO6 security torx tamper-proof fasteners

range 50 eco surface

product code SVR050ECO-SUR1200-DA2827040-BLK

description Extruded aluminium mounting base w

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

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

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

polar curve









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driver

manufacturer Tridonic

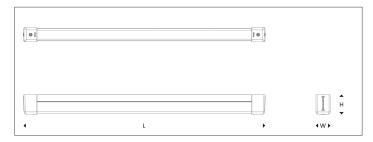
control interface DALI-2

dimming range 1 - 100 %

switch-on time < 700 ms

switch-off time < 50 ms

rated lifetime > 100,000 h



light source

manufacturer Tridonic

technology linear LED module operating mode constant current

delivered lumens 1441 lm
colour rendering index 80
correlated colour temperature 2700 K
colour tolerance 3 SDCM
CTI ≥ 600 V
lumen maintenance [L80F10] > 72,000 h

dimensions [mm]

L - length 1250 W - width 72 H - height 99

mounting

type surface mounted

method direct-fix or wall bracket

orientation horizontal or vertical burning position

electrical

rated supply voltage 220 - 240 V
mains frequency 0 / 50 / 60 Hz
power consumption 13.32 W
leakage current < 350 µA
in-rush current 22.4 A / 176 µs

power factor [0.98
THD 6%

overvoltage protection 320 V AC / 48 h

mains surge protection [L-N] 1 kV mains surge protection [L/N-PE] 2 kV

mounting base + end caps

material extruded aluminium base + GRP security end

caps

finish black texture polyester powder coat + black GRP

light module cassette

material high-transmission + uv-stabilised extruded

polycarbonate [hermetically sealed]

finish translucent reeded

maximum circuit breaker loads

conductor size	1.5mm²		2.5mm ²		1.5mm²		2.5mm ²	
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 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