



100 eco surface - SVR100ECO-SUR1800-FXD840060-BLK

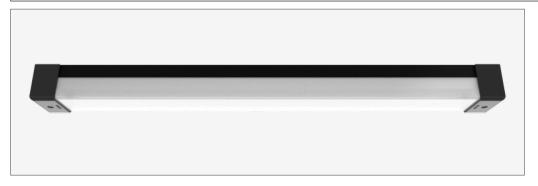














IK15 125 joules impact resistance

IP66 hermetically sealed light module cassette AT06

security torx tamper-proof fasteners

100 eco surface range

SVR100ECO-SUR1800-FXD840060-BLK product code

description

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

Australia

accreditations

Australian Made and Owned

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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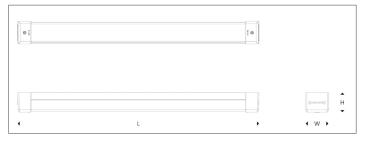


driver

manufacturer Tridonic control interface fixed output

dimming range

switch-on time < 600 ms switch-off time < 20 ms rated lifetime > 100,000 h



light source

manufacturer Tridonic

technology linear LFD module operating mode constant current

delivered lumens 5494 lm colour rendering index 80 correlated colour temperature 4000 K

colour tolerance 3 SDCM CTI ≥ 600 V lumen maintenance [L80F10] > 72,000 h

dimensions [mm]

L - length W - width 112 H - height 99

electrical

220 - 240 V rated supply voltage 0 / 50 / 60 Hz mains frequency 44.96 W power consumption leakage current < 230 µA 23.0 A / 174 µs in-rush current

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

type surface mounted

direct-fix or wall bracket method

orientation horizontal or vertical burning position

mounting base + end caps

material extruded aluminium base + GRP security end

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	35	45	13	17	21	27



sales@survivorlighting.com +61 2 9191 9800