



# 100 classic surface - SVR100CLA-SUR0500-FXD835020-BLK

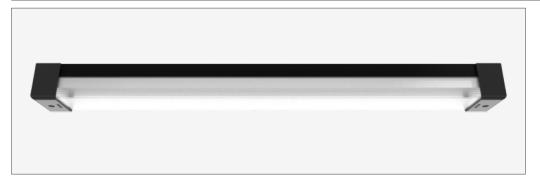














IK17 175 joules impact resistance

IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners

country of origin

Australia

100 classic surface range

SVR100CLA-SUR0500-FXD835020-BLK product code

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

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

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

# applications

description

extremely robust surface mounted 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







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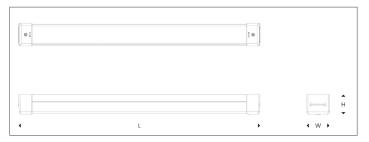


#### driver

manufacturer Tridonic control interface fixed output

dimming range

switch-on time < 700 ms switch-off time < 30 ms rated lifetime > 100,000 h



## light source

manufacturer Tridonic

technology linear LFD module operating mode constant current

delivered lumens 186 lm colour rendering index 80 correlated colour temperature 3500 K colour tolerance 3 SDCM CTI ≥ 600 V lumen maintenance [L80F10] > 72,000 h

### dimensions [mm]

L - length 460 W - width 112 H - height 99

#### mounting

type surface mounted

direct-fix or wall bracket method

orientation horizontal or vertical burning position

#### electrical

220 - 240 V rated supply voltage 0 / 50 / 60 Hz mains frequency

1.67 W power consumption leakage current < 700 µA

13.6 A / 304 µs in-rush current

power factor [ 0.86 THD 19%

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

black texture polyester powder coat + black GRP finish

## light module cassette

material high-transmission + uv-stabilised extruded

polycarbonate [hermetically sealed]

finish clear reeded

# maximum circuit breaker loads

conductor size	1.5mm²		2.5mm <sup>2</sup>		1.5mm²		2.5mm <sup>2</sup>	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	30	38	46	58	18	23	28	35



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