



# 50 eco semi-recessed - SVR050ECO-SRE1800-FXD940020-BLK

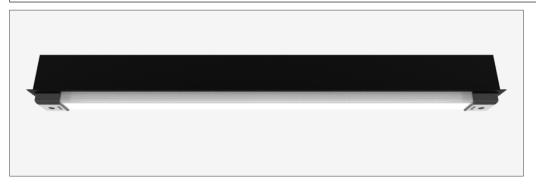














IK15 125 joules impact resistance

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

country of origin Australia

50 eco semi-recessed range

SVR050ECO-SRE1800-FXD940020-BLK product code

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 or recessed butterfly bracket

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

applications

description

highly robust semi-recessed 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

standards

AS/NZS 60598.1:2017

AS/NZS 60598.2.1:2014

AS/NZS 60598.2.2:2016

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





sales@survivorlighting.com +61 2 9191 9800





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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

1510 Im delivered lumens colour rendering index 90 correlated colour temperature 4000 K colour tolerance 3 SDCM CTI ≥ 600 V lumen maintenance [L80F10] > 72,000 h

### dimensions [mm]

L - length 1830 W - width 96 H - height cut-out - 1815 L x 81 W

### mounting

type semi-recessed

direct-fix or butterfly bracket method

orientation horizontal or vertical burning position

#### electrical

in-rush current

220 - 240 V rated supply voltage 0 / 50 / 60 Hz mains frequency 14.99 W power consumption leakage current < 230 µA

0.98

power factor [ 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

black texture polyester powder coat + black GRP finish

### 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 <sup>2</sup>		1.5mm²		2.5mm <sup>2</sup>	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	21	28	35	45	13	17	21	27

23.0 A / 174 µs



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