

# AUSTRALIAN MADE AND OWNED

# 100 eco semi-recessed - SVR100ECO-SRE2400-FXD840020-BLK

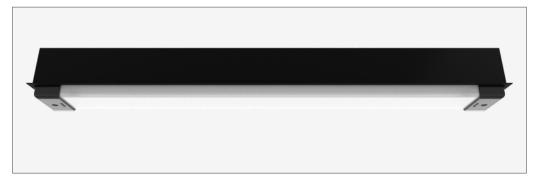














Australia

IK15 125 joules impact resistance

IP66 hermetically sealed light module cassette

AT06 security torx tamper-proof fasteners

accreditations

Australian Made and Owned

EESS RCM

range 100 eco semi-recessed

product code SVR100ECO-SRE2400-FXD840020-BLK

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

## 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



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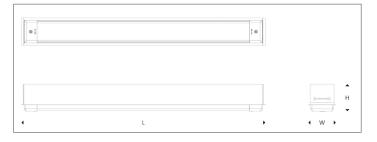


#### driver

manufacturer Tridonic control interface fixed output

dimming range

switch-on time < 700 ms switch-off time < 50 ms rated lifetime > 100,000 h



## light source

manufacturer Tridonic

technology linear LFD module operating mode constant current

2442 lm delivered lumens 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 2390 W - width 138 H - height

cut-out - 2375 L x 123 W

## mounting

type semi-recessed

direct-fix or butterfly bracket method

orientation horizontal or vertical burning position

#### electrical

220 - 240 V rated supply voltage 0 / 50 / 60 Hz mains frequency 19.98 W power consumption leakage current < 350 µA 22.4 A / 176 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 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>		1.5mm <sup>2</sup>		2.5mm <sup>2</sup>	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	10	14	18	22	6	8	11	13



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