



## 100 eco recessed - SVR100ECO-REC2900-FXD850040-WHT















IK15 125 joules impact resistance

IP66 hermetically sealed light module cassette

AT06 security torx tamper-proof fasteners

country of origin

Australia

range 100 eco recessed

product code SVR100ECO-REC2900-FXD850040-WHT

description Extruded aluminium mounting base and security caps with durable polyester

powder coat finish

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

highly robust recessed luminaire that enhances safety and security in challenging environments. a durable construction ensures dependable

operation and superior performance under harsh operating conditions; ideal

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

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warranty

7-year standard

10-year on application

**standards**AS/NZS 60598.1:2017

AS/NZS 60598.2.1:2014 AS/NZS 60598.2.2:2016

AS 60529-2004

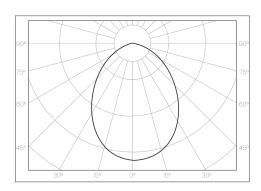
IEC/EN 62262:2002+A1:2021

ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21

for applications such as transportation, custodial, public areas, and secure healthcare

polar curve

applications







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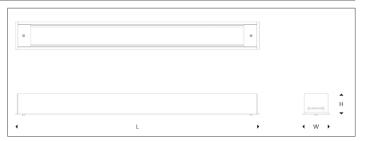


#### driver

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

4596 lm delivered lumens colour rendering index 80 correlated colour temperature 5000 K colour tolerance 3 SDCM

lumen maintenance [L80F10] > 72,000 h

# dimensions [mm]

L - length 2950 W - width 138 H - height

cut-out - 2935 L x 123 W

#### electrical

CTI

220 - 240 V rated supply voltage 0 / 50 / 60 Hz mains frequency 49.95 W power consumption leakage current < 230 µA 23.0 A / 174 µs in-rush current

power factor [ 0.98 6%

THD

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

### mounting

type recessed

method direct-fix or butterfly bracket

orientation horizontal or vertical burning position

## mounting base + end caps

material extruded aluminium base + security end caps

finish white texture polyester powder coat

# light module cassette

high-transmission + uv-stabilised extruded material

polycarbonate [hermetically sealed]

translucent reeded finish

## maximum circuit breaker loads

overvoltage protection

conductor size	1.5mm <sup>2</sup>		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	10	14	17	22	6	8	10	13

320 V AC / 48 h

≥ 600 V



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