

extreme lighting | no boundaries

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100 eco recessed - SVR100ECO-REC2400-FXD850100-BLK





IK15





































country of origin 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/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

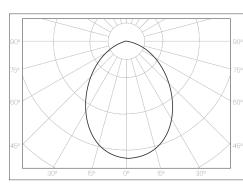
IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners

125 joules impact resistance

range	100 eco recessed							
product code	SVR100ECO-REC2400-FXD850100-BLK							
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							
	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							
	supply unit Direct-fix or recessed butterfly bracket Internal stainless steel wire safety lanyards							

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

polar curve





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data subject to change without notice. E&OE

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100 eco recessed - SVR100ECO-REC2400-FXD850100-BLK



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manufacturer

control interface

dimming range switch-on time

switch-off time

rated lifetime

driver



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RCM

fixed output

-

Tridonic

- < 700 ms
- < 50 ms
- > 100,000 h



light source W - width 138 manufacturer Tridonic H - height 102 technology linear LED module cut-out - 2375 L x 123 W operating mode constant current 9192 Im delivered lumens colour rendering index 80 mounting correlated colour temperature 5000 K type recessed colour tolerance 3 SDCM method direct-fix or butterfly bracket CTI ≥ 600 V orientation horizontal or vertical burning position lumen maintenance [L80F10] > 72,000 h

electrical

rated supply voltage	220 - 240 V			
mains frequency	0 / 50 / 60 Hz			
power consumption	99.91 W			
leakage current	< 350 µA			
in-rush current	22.4 A / 176 µs			
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

dimensions [mm]

2390

L - length

material	extruded aluminium base + security end caps
finish	black texture polyester powder coat

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	10	14	18	22	6	8	11	13



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NOTE: Tridonic drivers are designed for a life-time as stated when operating under normal reference conditions with a failure probability of < 10%. lifetime declarations do not represent warranty claim. driver is not covered under warranty if it has been opened | maximum circuit breaker values are colculated from inrush current. calculations use typical values from ABB series \$200 as a reference. actual values may differ due to used circuit breaker types and installation environment | photometric data is nominal and intended for general information purposes only. it is not to be relied upon nor used in place of photometry files issued by Survivor Lighting Pty Ltd. ± 5% measurement uncertainty | data subject to change without notice. E&OE