

## 100 classic recessed - SVR100CLA-REC2400-FXD840080-BLK

































country of origin Australia

accreditations

Australian Made and Owned EESS RCM

warranty

7-year standard 10-year on application

### standards

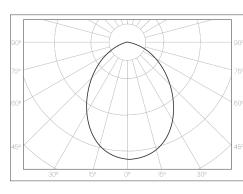
AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS/NZS 60598.2.2:2016 AS 60529-2004 IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21

IK17 175 joules impact resistance IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners

range	100 classic recessed							
product code	SVR100CLA-REC2400-FXD840080-BLK							
description	Heavy-gauge 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							

applications extremely robust recessed 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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data subject to change without notice. E&OE



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### $(\cdot \cdot)$ (0) $\langle \rangle$ driver manufacturer Tridonic 0 . control interface fixed output dimming range switch-on time < 700 ms switch-off time < 50 ms L • rated lifetime > 100,000 h dimensions [mm] L - length 2390 W - width 138 light source manufacturer Tridonic H - height 102 technology linear LED module cut-out - 2375 L x 123 W operating mode constant current 6918 lm delivered lumens colour rendering index 80 mounting correlated colour temperature 4000 K type recessed colour tolerance 3 SDCM method direct-fix or butterfly bracket CTL ≥ 600 V orientation horizontal or vertical burning position lumen maintenance [L80F10] > 72,000 h mounting base + end caps electrical material extruded aluminium base + security end caps 220 - 240 V rated supply voltage finish black texture polyester powder coat 0 / 50 / 60 Hz mains frequency 79.93 W power consumption leakage current < 350 µA light module cassette 22.4 A / 176 µs in-rush current

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	10	14	18	22	6	8	11	13

320 V AC / 48 h

0.98

6%

1 kV

2 kV



power factor [

overvoltage protection

mains surge protection [L-N]

mains surge protection [L/N-PE]

THD

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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 inominal 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