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## 50 classic recessed - SVR050CLA-REC1800-FXD830100-BLK



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IK17

IP66

AT06

















175 joules impact resistance

hermetically sealed light module cassette

security torx tamper-proof fasteners





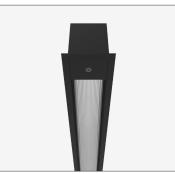












country of origin Australia

## accreditations

Australian Made and Owned EESS RCM

warranty

7-year standard 10-year on application

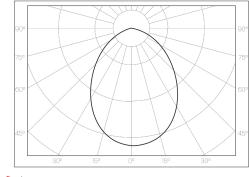
#### standards

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

50 classic recessed range product code SVR050CLA-REC1800-FXD830100-BLK Heavy-gauge extruded aluminium mounting base and security caps with description 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 mount 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



dimming range switch-on time

switch-off time

rated lifetime

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< 600 ms

< 20 ms

> 100,000 h



#### (::) (0) $\oslash$ driver manufacturer Tridonic control interface fixed output

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dimensions [mm]

		L - length	1830
light source		W - width	96
manufacturer	Tridonic	H - height	102
technology	linear LED module	cut-out	1815 x 81
operating mode	constant current		
delivered lumens	5953 lm		
colour rendering index	80		
correlated colour temperature	3000 K	mounting	
colour tolerance	3 SDCM	type	recessed
СТІ	≥ 600 V	method	direct-fix or butterfly bracket
lumen maintenance [L80F10]	> 72,000 h	orientation	horizontal or vertical burning position
electrical		mounting base	+ end cans

electrical		mounting base	e + end caps
rated supply voltage	220 - 240 V	material	extruded aluminium base + security end caps
mains frequency	0 / 50 / 60 Hz	finish	black texture polyester powder coat
power consumption	74.93 W		
leakage current	< 230 µA		
in-rush current	23.0 A / 174 µs	light module c	anatta
power factor [	0.98	material	high-transmission + uv-stabilised extruded
THD	6%		polycarbonate [hermetically sealed]
overvoltage protection	320 V AC / 48 h	finish	clear reeded
mains surge protection [L-N]	1 kV		
mains surge protection [L/N-PE]	2 kV		
		1	

### 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	21	28	35	45	13	17	21	27



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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 calculated 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