

# 50 classic recessed - SVR050CLA-REC0500-FXD940080-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

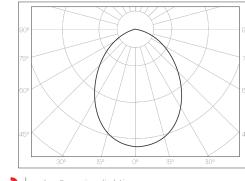
### standards

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-REC0500-FXD940080-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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driver

### 50 classic recessed - SVR050CLA-REC0500-FXD940080-BLK



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#### (::) (0) &ATO manufacturer Tridonic ۰ control interface fixed output dimming range < 700 ms switch-on time < 30 ms switch-off time 4 L rated lifetime > 100,000 h

light source		W - width	96			
manufacturer	Tridonic	H - height	102			
technology	linear LED module	cut-out	465 x 81			
operating mode	constant current					
delivered lumens	705 lm					
colour rendering index	90					
correlated colour temperature	4000 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	e + end caps			
electrical rated supply voltage	220 - 240 V	mounting base	• + end caps extruded aluminium base + security end caps			
	220 - 240 V 0 / 50 / 60 Hz	Ŭ				
rated supply voltage		material	• extruded aluminium base + security end caps			
rated supply voltage mains frequency	0 / 50 / 60 Hz	material	• extruded aluminium base + security end caps			
rated supply voltage mains frequency power consumption	0 / 50 / 60 Hz 9.99 W	material finish	extruded aluminium base + security end caps black texture polyester powder coat			
rated supply voltage mains frequency power consumption leakage current	0 / 50 / 60 Hz 9.99 W < 700 µA	material finish light module c	extruded aluminium base + security end caps black texture polyester powder coat assette			
rated supply voltage mains frequency power consumption leakage current in-rush current	0 / 50 / 60 Hz 9.99 W < 700 μA 13.6 A / 304 μs	material finish	extruded aluminium base + security end caps black texture polyester powder coat			
rated supply voltage mains frequency power consumption leakage current in-rush current power factor [	0 / 50 / 60 Hz 9.99 W < 700 μA 13.6 A / 304 μs 0.86	material finish light module c	extruded aluminium base + security end caps black texture polyester powder coat assette high-transmission + uv-stabilised extruded			
rated supply voltage mains frequency power consumption leakage current in-rush current power factor [ THD	0 / 50 / 60 Hz 9.99 W < 700 μA 13.6 A / 304 μs 0.86 19%	material finish light module c material	extruded aluminium base + security end caps black texture polyester powder coat assette high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]			
rated supply voltage mains frequency power consumption leakage current in-rush current power factor [ THD overvoltage protection	0 / 50 / 60 Hz 9.99 W < 700 μA 13.6 A / 304 μs 0.86 19% 320 V AC / 48 h	material finish light module c material	extruded aluminium base + security end caps black texture polyester powder coat assette high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]			

dimensions [mm]

480

L - length

### maximum circuit breaker loads

conductor size	1.5mm²		2.5mm²		1.5mm²		2.5mm <sup>2</sup>	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	30	38	46	58	18	23	28	35



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