

## 50 classic recessed - SVR050CLA-REC1800-FXD827060-WHT

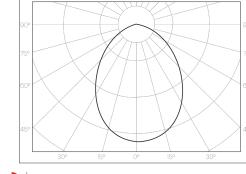


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accreditations Australian Made and Owned 50 classic recessed range EESS RCM product code SVR050CLA-REC1800-FXD827060-WHT description Heavy-gauge extruded aluminium mounting base and security caps with durable polyester powder coat finish warranty Impact-resistant UV-stabilised high-transmission polycarbonate light 7-year standard module diffuser 10-year on application 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 standards supply unit AS/NZS 60598.1:2017 Direct-fix or recessed butterfly bracket AS/NZS 60598.2.1:2014 Internal stainless steel wire safety lanyards AS/NZS 60598.2.2:2016 AS 60529-2004 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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IEC/EN 62262:2002+A1:2021

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

ANSI/IES TM-21-21



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#### (0) (::) $\Diamond$ ATO driver manufacturer Tridonic ۰ . control interface fixed output dimming range switch-on time < 600 ms < 20 ms switch-off time 4 L • rated lifetime > 100,000 h dimensions [mm] L - length 1830 W - width 96 light source

manufacturer	Tridonic	H - height	102
technology	linear LED module	cut-out	1815 x 81
operating mode	constant current		
delivered lumens	2270 lm		
colour rendering index	80		
correlated colour temperature	2700 K	mounting	
colour tolerance	3 SDCM	type	recessed
CTI	≥ 600 V	method	direct-fix or butterfly bracket
lumen maintenance [L80F10]	> 72,000 h	orientation	horizontal or vertical burning position

electrical		mounting base + end caps			
rated supply voltage	220 - 240 V	material	extruded aluminium base + security end caps		
mains frequency	0 / 50 / 60 Hz	finish	white texture polyester powder coat		
power consumption	29.98 W				
leakage current	< 230 µA				
in-rush current	23.0 A / 174 µs	light module c	assatta		
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				

### maximum circuit breaker loads

conductor size	1.5mm²		2.5mm²		1.5mm²		2.5mm²	
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 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