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## 50 classic semi-recessed - SVR050CLA-SRE2900-FXD935080-BLK



























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

ANSI/IES TM-21-21

IK17 175 joules impact resistance country of origin Australia IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners accreditations Australian Made and Owned 50 classic semi-recessed range EESS RCM product code SVR050CLA-SRE2900-FXD935080-BLK Heavy-gauge extruded aluminium mounting base with durable polyester description powder coat finish and impact-resistant GRP security caps 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 IEC/EN 62262:2002+A1:2021

applications extremely robust semi-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







manufacturer

control interface

dimming range switch-on time

switch-off time rated lifetime

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Tridonic

< 600 ms

< 20 ms

> 100,000 h

fixed output



## (::) (0) $\oslash$ driver

		3

dimensions [mm]

		-	-
		L - length	2950
light source		W - width	96
manufacturer	Tridonic	H - height	138
technology	linear LED module	cut-out	2935 x 81
operating mode	constant current		
delivered lumens	6254 lm		
colour rendering index	90		
correlated colour temperature	3500 K	mounting	
colour tolerance	3 SDCM	type	semi-recessed
CTI	≥ 600 V	method	direct-fix or butterfly bracket
lumen maintenance [L80F10]	> 72,000 h	orientation	horizontal or vertical burning position
electrical		mountina base	e + end caps

electrical		mounting base + end caps				
rated supply voltage	220 - 240 V	material	extruded aluminium base + GRP security end			
mains frequency	0 / 50 / 60 Hz		caps			
power consumption	66.62 W	finish	black texture polyester powder coat + black GRP			
leakage current	< 230 µA					
in-rush current	23.0 A / 174 µs					
power factor [	0.98	light module cassette				
THD	6%	material	high-transmission + uv-stabilised extruded			
overvoltage protection	320 V AC / 48 h		polycarbonate [hermetically sealed]			
mains surge protection [L-N]	1 kV	finish	clear reeded			
mains surge protection [L/N-PE]	2 kV					
mains surge protection [1/N-DE]	0. kV					
	mains frequency power consumption leakage current in-rush current power factor [ THD overvoltage protection mains surge protection [L-N]	rated supply voltage 220 - 240 V mains frequency 0 / 50 / 60 Hz power consumption 66.62 W leakage current 23.0 µA in-rush current 23.0 A / 174 µs power factor [ 0.98 THD 6% overvoltage protection [L-N] 1 kV	rated supply voltage 220 - 240 V material mains frequency 0 / 50 / 60 Hz finish finish exactly back for the second structure of the second structure o			

## 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	17	22	6	8	10	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 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