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## 50 classic **semi-recessed** - SVR050CLA-SRE0500-FXD850100-BLK





























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ANSI/IES LM-80-21

ANSI/IES TM-21-21

IK17	175 joules impact resistance	country of origin		
IP66	hermetically sealed light module cassette	Australia		
A T O 6	security torx tamper-proof fasteners			
		accreditations		
range 50 classic semi-recessed		Australian Made and Owned EESS RCM		
product code	SVR050CLA-SRE0500-FXD850100-BLK			
description	Heavy-gauge extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant GRP security caps	warranty		
	Impact-resistant UV-stabilised high-transmission polycarbonate light module diffuser	7-year standard 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 supply unit	<b>standards</b> 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		
	1.0 m circular flex connection	AS 60529-2004 IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19		

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

< 700 ms

< 30 ms

> 100,000 h

fixed output



# Image: Non-State Image: Non-State

		I O	
	1		H W

		L - length	480
light source		W - width	96
manufacturer	Tridonic	H - height	138
technology	linear LED module	cut-out	465 x 81
operating mode	constant current		
delivered lumens	1379 lm		
colour rendering index	80		
correlated colour temperature	5000 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	
rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	12.49 W
leakage current	< 700 µA
in-rush current	13.6 A / 304 µs
power factor [	0.86
THD	19%
overvoltage protection	320 V AC / 48 h
mains surge protection [L-N]	1 kV
mains surge protection [L/N-PE]	2 kV

#### mounting base + end caps

material

finish

dimensions [mm]

extruded aluminium base + GRP security end caps
black texture polyester powder coat + black GRP

### light module cassette

material	high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]
finish	clear reeded

#### maximum circuit breaker loads

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



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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