

# 50 classic surface - SVR050CLA-SUR1500-FXD827020-WHT



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

# Image: Note of the second s

Australian Made and Owned 50 classic surface range EESS RCM product code SVR050CLA-SUR1500-FXD827020-WHT 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 surface mounted AS/NZS 60598.2.1:2014 Internal stainless steel wire safety lanyards AS 60529-2004 IEC/EN 62262:2002+A1:2021 1.0 m circular flex connection

applications extremely robust surface 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



sales@survivorlighting.com +61 2 9191 9800

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### $(\cdot \cdot)$ (0) $\oslash$ driver manufacturer Tridonic 01 control interface fixed output dimming range < 600 ms switch-on time < 20 ms switch-off time L rated lifetime > 100,000 h dimensions [mm] L - length 1530



light source		W - width	72		
manufacturer	Tridonic	H - height	99		
technology	linear LED module				
operating mode	constant current				
delivered lumens	849 lm	mounting			
colour rendering index	80	type	surface		
correlated colour temperature	2700 K	method	direct-fix or wall bracket		
colour tolerance	3 SDCM	orientation	horizontal or vertical burning position		
СТІ	≥ 600 V		·····		
lumen maintenance [L80F10]	> 72,000 h				
		mounting base + end caps			
electrical		material	extruded aluminium base + GRP security end caps		
rated supply voltage	220 - 240 V	finish	white texture polyester powder coat + white G		

rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	8.33 W
leakage current	< 230 µA
in-rush current	23.0 A / 174 µs
power factor [	0.98
THD	6%
overvoltage protection	320 V AC / 48 h
mains surge protection [L-N]	1 kV
mains surge protection [L/N-PE]	2 kV

h	white texture	polyester	powder	coat + white G	RP

# light module cassette

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

### 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	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

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