

50 classic surface - SVR050CLA-SUR1800-FXD835040-WHT



(::) (0) $\langle c \rangle$ country of origin IK17 175 joules impact resistance Australia IP66 hermetically sealed light module cassette security torx tamper-proof fasteners

		accreditations		
range	50 classic surface	Australian Made and Owned EESS		
product code	SVR050CLA-SUR1800-FXD835040-WHT	RCM		
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	standards		
	Direct-fix surface mounted	AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014		
	Internal stainless steel wire safety lanyards	AS 60529-2004		
	1.0 m circular flex connection	IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19		

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

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data subject to change without notice. E&OE

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



control interface dimming range switch-on time

switch-off time

rated lifetime

light source manufacturer

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$(\cdot \cdot)$ (0) \bigcirc driver manufacturer Tridonic

fixed output		
-		
< 600 ms		
< 20 ms		L
> 100,000 h	•	L
	dimensions [m	m]
	L - length	1810
	W - width	72
Tridonic	H - height	99
linear IED module		

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technology	linear LED module		
operating mode	constant current		
delivered lumens	2165 lm	mounting	
colour rendering index	80	type	surface
correlated colour temperature	3500 K	method	direct-fix or wall bracket
colour tolerance	3 SDCM	orientation	horizontal or vertical burning position
CTI	≥ 600 V		·····ə
lumen maintenance [L80F10]	> 72,000 h		

electrical

rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	19.99 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

mounting base + end caps

material	extruded aluminium base + GRP security end caps
finish	white texture polyester powder coat + white \ensuremath{GRP}

light module cassette

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

maximum circuit breaker loads

conductor size	onductor size 1.5mm ²		2.5mm ²		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 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