

50 classic **surface** - SVR050CLA-SUR1800-FXD827080-BLK



IK17 (::)











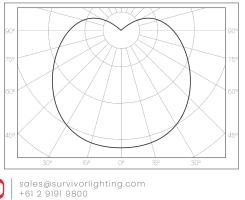




IK17	175 joules impact resistance	country of origin Australia		
IP66	hermetically sealed light module cassette			
A T 0 6	security torx tamper-proof fasteners			
		accreditations		
range product code	50 classic surface SVR050CLA-SUR1800-FXD827080-BLK	Australian Made and Owned EESS RCM		
description	Heavy-gauge 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	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		
	1.0 m circular flex connection	IEC/EN 62262:2002+A1:2021		
		ANSI/IES LM-79-19		
		ANSI/IES LM-80-21		
		ANSI/IES TM-21-21		

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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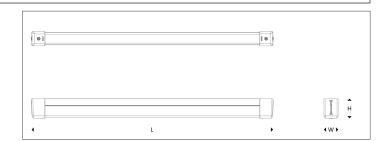


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$(\cdot \cdot)$ (0) \oslash driver

manufacturer	Tridonic			
control interface	fixed output			
dimming range	-			
switch-on time	< 600 ms			
switch-off time	< 20 ms			
rated lifetime	> 100,000 h			



			L - length	1810		
	light source		W - width	72		
	manufacturer	Tridonic	H - height	99		
	technology	linear LED module				
	operating mode	constant current				
	delivered lumens	4077 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		
	CTI	≥ 600 V		·····		
	lumen maintenance [L80F10]	> 72,000 h				
			mounting base	e + end caps		
	electrical		material	extruded aluminium base + GRP security end caps		
	rated supply voltage	220 - 240 V	finish	black texture polyester powder coat + black GRP		
	mains frequency	0 / 50 / 60 Hz				
	power consumption	39.97 W				
	leakage current	< 230 µA	light module c	assatta		
	in-rush current	23.0 A / 174 µs	material	high-transmission + uv-stabilised extruded		
	power factor [0.98		polycarbonate [hermetically sealed]		
	THD	6%	finish	clear reeded		

dimensions [mm]

maximum circuit breaker loads

mains surge protection [L/N-PE]

overvoltage protection mains surge protection [L-N]

conductor size	1.5mm²		2.5mm ²		1.5mm²		2.5mm ²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	21	28	35	45	13	17	21	27

320 V AC / 48 h

1 kV

2 kV



050CLA-SUR1800-FXD827080-BLK_2308-01

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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