

### 50 classic surface - SVR050CLA-SUR1000-FXD865100-WHT



warranty

standards

AS/NZS 60598.1:2017

AS 60529-2004

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

AS/NZS 60598.2.1:2014

IEC/EN 62262:2002+A1:2021

7-year standard

10-year on application

# (::)(0) 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 surface range EESS RCM product code SVR050CLA-SUR1000-FXD865100-WHT

descriptionHeavy-gauge extruded aluminium mounting base with durable polyester<br/>powder coat finish and impact-resistant GRP security capsImpact-resistant UV-stabilised high-transmission polycarbonate light<br/>module diffuserServiceable replaceable and upgradable light module cassette<br/>Internal socket drive security-torx 304 stainless steel security fasteners<br/>Integral energy efficient Zhaga compliant Tridonic LED modules and power<br/>supply unit<br/>Direct-fix surface mounted<br/>Internal stainless steel wire safety lanyards

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



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data subject to change without notice. E&OE

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switch-off time

rated lifetime

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#### $(\cdot \cdot)$ (0) $\oslash$ driver manufacturer Tridonic 01 control interface fixed output dimming range < 700 ms switch-on time



> 100,000 h

< 50 ms



			L - length	970				
	light source		W - width	72				
	manufacturer	Tridonic	H - height	99				
	technology	linear LED module						
	operating mode	constant current						
	delivered lumens	4162 lm	mounting					
	colour rendering index	80	type	surface				
	correlated colour temperature	6500 K	method	direct-fix or wall bracket				
	colour tolerance	3 SDCM	orientation	horizontal or vertical burning position				
	СТІ	≥ 600 V		G F F F				
	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 GRP				
	mains frequency	0 / 50 / 60 Hz						
	power consumption	37.47 W						
	leakage current	< 350 µA	light module cassette					
in-rush current		22.4 A / 176 µs	material	high-transmission + uv-stabilised extruded				
	power factor [	0.97		polycarbonate [hermetically sealed]				

dimensions [mm]

### maximum circuit breaker loads

mains surge protection [L/N-PE]

overvoltage protection mains surge protection [L-N]

conductor size	1.5mm²		2.5mm²		1.5mm²		2.5mm²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	21	28	36	45	13	17	22	27

320 V AC / 48 h

8%

1 kV

2 kV



THD

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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

finish

clear reeded