

50 classic surface - SVR050CLA-SUR0500-FXD840020-BLK

















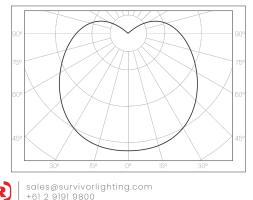




IK17 country of origin 175 joules impact resistance Australia IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners accreditations Australian Made and Owned 50 classic surface range EESS RCM SVR050CLA-SUR0500-FXD840020-BLK product code description Heavy-gauge extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant GRP security caps warranty Impact-resistant UV-stabilised high-transmission polycarbonate light 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 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







control interface

dimming range

switch-on time switch-off time

rated lifetime

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fixed output

< 700 ms

< 30 ms

> 100,000 h



(::)(0) \oslash driver manufacturer Tridonic

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		dimensions	[mm]
		L - length	460
light source		W - width	72
manufacturer	Tridonic	H - height	99
technology	linear LED module		
operating mode	constant current		
delivered lumens	280 lm	mounting	
colour rendering index	80	type	surface
correlated colour temperature	4000 K	method	direct-fix or wall bracket
colour tolerance	3 SDCM	orientation	horizontal or vertical burning position
CTI	≥ 600 V	Gildholl	nonzontal of vertical barning position
lumen maintenance [L80F10]	> 72,000 h		
		mounting bo	ase + 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	2.5 W		
leakage current	< 700 µA	light module	
in-rush current	13.6 A / 304 µs	material	high-transmission + uv-stabilised extruded
power factor [0.86		polycarbonate [hermetically sealed]

leakage current	< 700 µA	light module o
in-rush current	13.6 A / 304 µs	material
power factor [0.86	
THD	19%	finish
overvoltage protection	320 V AC / 48 h	
mains surge protection [L-N]	1 kV	

2 kV

maximum circuit breaker loads

mains surge protection [L/N-PE]

conductor size		1.5mm²		2.5mm²		1.5mm²		2.5mm ²	
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