

50 classic surface - SVR050CLA-SUR1200-FXD835020-BLK



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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 product code SVR050CLA-SUR1200-FXD835020-BLK 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







manufacturer

control interface

dimming range switch-on time

switch-off time

rated lifetime

50 classic surface - SVR050CLA-SUR1200-FXD835020-BLK

Tridonic

< 700 ms

< 50 ms

> 100,000 h

fixed output



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

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		dimensions [mm]				
		L - length	1250			
light source		W - width	72			
manufacturer	Tridonic	H - height	99			
technology	linear LED module					
operating mode	constant current					
delivered lumens	722 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	onentation	nonzontal of vertical barning position			
lumen maintenance [L80F10]	> 72,000 h					
		mounting ba	ise + 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					

light module cassette

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

maximum circuit breaker loads

mains surge protection [L/N-PE]

conductor size	1.5mm ²		2.5mm ²		1.5mm²		2.5mm ²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	21	28	36	45	13	17	22	27

6.66 W < 350 µA

0.98

6%

1 kV

2 kV

22.4 A / 176 µs

320 V AC / 48 h



mains frequency power consumption

leakage current

in-rush current

power factor [

overvoltage protection mains surge protection [L-N]

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