

## 50 classic surface - SVR050CLA-SUR0500-FXD935100-BLK



















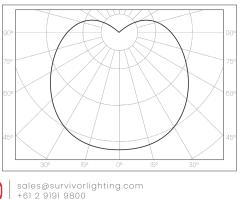


ANSI/IES TM-21-21

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-SUR0500-FXD935100-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

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

# 50 classic surface - SVR050CLA-SUR0500-FXD935100-BLK

fixed output

< 700 ms

< 30 ms

> 100,000 h



#### $(\cdot \cdot)$ (0) $\oslash$ driver manufacturer Tridonic

/ 1

		L - length	460		
light source		W - width	72		
manufacturer	Tridonic	H - height	99		
technology	linear LED module				
operating mode	constant current				
delivered lumens	782 lm	mounting			
colour rendering index	90	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		nonzontal of forthoat saming position		
lumen maintenance [L80F10]	> 72,000 h				
		mounting base + end caps			
electrical		material	extruded aluminium base + GRP securit caps		

rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	8.33 W
leakage current	< 700 µA
in-rush current	13.6 A / 304 µs
power factor [	0.86
THD	19%
overvoltage protection	320 V AC / 48 h
mains surge protection [L-N]	1 kV
mains surge protection [L/N-PE]	2 kV

material	extruded aluminium base + GRP security end				
	caps				
finish	black texture polyester powder coat + black ${\tt GRP}$				

## light module cassette

dimensions [mm]

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

## maximum circuit breaker loads

conductor size	ductor size 1.5mm²		2.5mm <sup>2</sup>		1.5mm²		2.5mm²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	30	38	46	58	18	23	28	35



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 S200 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

