

50 classic surface - SVR050CLA-SUR1200-FXD830100-WHT



(::)(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-SUR1200-FXD830100-WHT Heavy-gauge extruded aluminium mounting base with durable polyester description 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 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

AS/NZS 60598.2.1:2014

IEC/EN 62262:2002+A1:2021

AS 60529-2004

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



manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime

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Tridonic

< 700 ms

< 50 ms

> 100,000 h

fixed output



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

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surface

dimensions [mm]

		-
		L - length
light source		W - width
manufacturer	Tridonic	H - height
technology	linear LED module	
operating mode	constant current	
delivered lumens	5346 lm	mounting
colour rendering index	80	type
correlated colour temperature	3000 K	method
colour tolerance	3 SDCM	orientation
СТІ	≥ 600 V	
lumen maintenance [L80F10]	> 72,000 h	

electrical

rated supply v	oltage	220 - 240 V
mains frequen	су	0 / 50 / 60 Hz
power consum	ption	49.95 W
leakage currer	ht	< 350 µA
in-rush current	t	22.4 A / 176 µs
power factor [0.98
THD		6%
overvoltage pr	otection	320 V AC / 48 h
mains surge pi	rotection [L-N]	1 kV
mains surge pi	rotection [L/N-PE]	2 kV

mounting base + end caps

0	
material	extruded aluminium base + GRP security end caps
finish	white texture polyester powder coat + white GRP

horizontal or vertical burning position

direct-fix or wall bracket

light module cassette

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

maximum circuit breaker loads

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	36	45	13	17	22	27



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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