

50 classic surface - SVR050CLA-SUR0500-FXD830080-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-SUR0500-FXD830080-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

standards

AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS 60529-2004 IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21

Impact-resistant UV-stabilised high-transmission polycarbonate light module diffuser 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 supply unit 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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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



$(\cdot \cdot)$ (0) $\langle c \rangle$ driver manufacturer Tridonic

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light source		W - width	72		
manufacturer	Tridonic	H - height	99		
technology	linear LED module				
operating mode	constant current				
delivered lumens	1069 lm	mounting			
colour rendering index	80	type	surface		
correlated colour temperature	3000 K	method	direct-fix or wall bracket		
colour tolerance	3 SDCM	orientation	horizontal or vertical burning position		
СТІ	≥ 600 V		nonzontal of vortical barning position		
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				

light module cassette

dimensions [mm]

460

L - length

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

maximum circuit breaker loads

mains surge protection [L/N-PE]

conductor size	1.5mm²		2.5mm ²		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

9.99 W < 700 µA

0.86

19%

1 kV

2 kV

13.6 A / 304 µs

320 V AC / 48 h



power consumption

overvoltage protection mains surge protection [L-N]

leakage current

in-rush current

power factor [

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

