

50 classic surface - SVR050CLA-SUR2100-FXD830080-WHT



# Image: Note of the security for tamper-proof fasteners

		accreditations	
range	50 classic surface	Australian Made and Owned EESS RCM	
product code	SVR050CLA-SUR2100-FXD830080-WHT		
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 module diffuser	7-year standard 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 supply unit	standards	
	Direct-fix surface mounted	AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014	
	Internal stainless steel wire safety lanyards	AS 60529-2004	
	1.0 m circular flex connection	IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19	

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

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



manufacturer

control interface dimming range switch-on time

switch-off time

rated lifetime

electrical

rated supply voltage

mains frequency power consumption

leakage current

in-rush current

power factor [

overvoltage protection mains surge protection [L-N]

THD

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# $(\cdot \cdot)$ (0) driver

Tridonic	01
fixed output	
-	
< 700 ms	

< 50 ms

> 100,000 h



### light source manufacturer Tridonic technology linear LED module operating mode constant current delivered lumens 7484 Im colour rendering index 80 correlated colour temperature 3000 K colour tolerance 3 SDCM CTL ≥ 600 V lumen maintenance [L80F10] > 72,000 h

# dimensions [mm]

L - length	2090
W - width	72
H - height	99

mounting	
type	surface
method	direct-fix or wall bracket
orientation	horizontal or vertical burning position

# mounting base + end caps

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

# 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	1.5mm²		2.5mm <sup>2</sup>		1.5mm²		2.5mm <sup>2</sup>	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	10	14	18	22	6	8	11	13

220 - 240 V

69.94 W

< 350 µA

0.97

8%

1 kV

2 kV

0 / 50 / 60 Hz

22.4 A / 176 µs

320 V AC / 48 h



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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