

# 50 classic surface - SVR050CLA-SUR2100-FXD865100-BLK









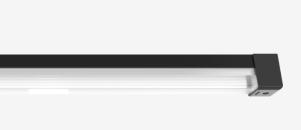












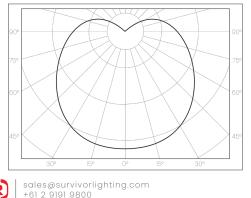


ANSI/IES TM-21-21

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-SUR2100-FXD865100-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





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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# IK17 IF66 IOO AT06 IOO RCM driver

Tridonic	01
fixed output	
-	
< 700 ms	-
< 50 ms	
> 100,000 h	
	din



#### light source manufacturer Tridonic technology linear LED module operating mode constant current delivered lumens 9711 lm colour rendering index 80 correlated colour temperature 6500 K colour tolerance 3 SDCM CTL ≥ 600 V lumen maintenance [L80F10] > 72,000 h

# dimensions [mm]

V

Н

- length	2090
V - width	72
I - 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	black texture polyester powder coat + black GRP

## light module cassette

m

fir

naterial	high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]
nish	clear reeded

## maximum circuit breaker loads

mains surge protection [L/N-PE]

conductor 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	10	14	18	22	6	8	11	13

220 - 240 V

87.42 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