

50 classic **surface** - SVR050CLA-SUR2100-FXD850100-WHT



- IK17** 175 joules impact resistance
- IP66** hermetically sealed light module cassette
- AT06** security torx tamper-proof fasteners

country of origin
Australia

range 50 classic surface

product code SVR050CLA-SUR2100-FXD850100-WHT

description

- Heavy-gauge extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant GRP security caps
- 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

accreditations

- Australian Made and Owned
- EESS
- RCM

warranty

- 7-year standard
- 10-year on application

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

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



50 classic **surface** - SVR050CLA-SUR2100-FXD850100-WHT



driver

manufacturer	Tridonic
control interface	fixed output
dimming range	-
switch-on time	< 700 ms
switch-off time	< 50 ms
rated lifetime	> 100,000 h

light source

manufacturer	Tridonic
technology	linear LED module
operating mode	constant current
delivered lumens	9652 lm
colour rendering index	80
correlated colour temperature	5000 K
colour tolerance	3 SDCM
CTI	≥ 600 V
lumen maintenance [L80F10]	> 72,000 h

electrical

rated supply voltage	220 – 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	87.42 W
leakage current	< 350 µA
in-rush current	22.4 A / 176 µs
power factor [0.97
THD	8%
overvoltage protection	320 V AC / 48 h
mains surge protection [L-N]	1 kV
mains surge protection [L/N-PE]	2 kV



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

conductor size	1.5mm ²		2.5mm ²		1.5mm ²		2.5mm ²	
	C10	C13	C16	C20	B10	B13	B16	B20
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	10	14	18	22	6	8	11	13