

50 classic surface - SVR050CLA-SUR1000-FXD827060-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-SUR1000-FXD827060-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

## 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

Internal socket drive security-torx 304 stainless steel security fasteners Integral energy efficient Zhaga compliant Tridonic LED modules and power

## polar curve



supply unit

Direct-fix surface mounted

1.0 m circular flex connection

Internal stainless steel wire safety lanyards





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#### $(\cdot \cdot)$ (0) $\langle \rangle$ driver manufacturer Tridonic 01 control interface fixed output dimming range switch-on time < 700 ms switch-off time < 50 ms L rated lifetime > 100,000 h dimensions [mm] L - length 970 light source W - width 72 manufacturer Tridonic H - height 99 technology linear LED module operating mode constant current delivered lumens 1529 lm mounting colour rendering index 80 type surface correlated colour temperature 2700 K method direct-fix or wall bracket colour tolerance 3 SDCM

electrical	
rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	14.99 W
leakage current	< 350 µA
in-rush current	22.4 A / 176 µs
power factor [	0.97
THD	8%

## mounting base + end caps

orientation

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

horizontal or vertical burning position

## light module cassette

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

## maximum circuit breaker loads

overvoltage protection

mains surge protection [L-N]

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	21	28	36	45	13	17	22	27

320 V AC / 48 h

1 kV

2 kV

≥ 600 V

> 72,000 h



CTI

lumen maintenance [L80F10]

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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