

50 classic surface - SVR050CLA-SUR1800-FXD835020-WHT



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Australian Made and Owned 50 classic surface range EESS RCM product code SVR050CLA-SUR1800-FXD835020-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 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

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

90° 75° 60° 45° 30° 15° 0° 15°



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ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21



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INIT IP66 INIT INIT driver manufacturer Tridonic control interface fixed output

dimming range

- switch-on time
- switch-off time
- rated lifetime

-

- < 600 ms
- < 20 ms
- > 100,000 h



light source W - width 72 manufacturer Tridonic H - height 99 technology linear LED module operating mode constant current delivered lumens 1083 lm mounting colour rendering index 80 type surface correlated colour temperature 3500 K method direct-fix or wall bracket colour tolerance 3 SDCM orientation horizontal or vertical burning position CTL ≥ 600 V lumen maintenance [L80F10] > 72,000 h mounting base + end caps material extruded aluminium base + GRP security end electrical caps 220 - 240 V rated supply voltage finish white texture polyester powder coat + white GRP 0 / 50 / 60 Hz mains frequency

light module cassette

mc

fini

dimensions [mm]

1810

L - length

aterial	high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]
iish	clear reeded

maximum circuit breaker loads

power consumption leakage current

overvoltage protection

mains surge protection [L-N]

mains surge protection [L/N-PE]

in-rush current

power factor [

THD

conductor size	1.5mm²		2.5mm²		1.5mm²		2.5mm²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	21	28	35	45	13	17	21	27

9.99 W

< 230 µA

0.98

6%

1 kV

2 kV

23.0 A / 174 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 colculated 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 inominal 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