

50 classic recessed - SVR050CLA-REC2900-FXD835080-WHT



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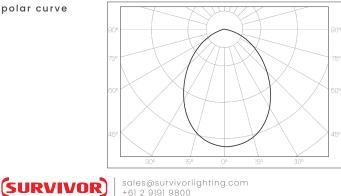
ANSI/IES LM-79-19 ANSI/IES LM-80-21

ANSI/IES TM-21-21

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 recessed range EESS RCM product code SVR050CLA-REC2900-FXD835080-WHT description Heavy-gauge extruded aluminium mounting base and security caps with durable polyester powder coat finish 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 or recessed butterfly bracket AS/NZS 60598.2.1:2014 Internal stainless steel wire safety lanyards AS/NZS 60598.2.2:2016 AS 60529-2004 1.0 m circular flex connection IEC/EN 62262:2002+A1:2021

applications extremely robust recessed 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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driver

manufacturer

control interface

dimming range

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RCM Tridonic fixed output < 600 ms</td>

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switch-on time	< 600 ms		⊢ H				
switch-off time	< 20 ms	↓					
rated lifetime	> 100,000 h						
		dimensions	dimensions [mm]				
		L - length	2950				
light source		W - width	96				
manufacturer	Tridonic	H - height	102				
technology	linear LED module	cut-out	2935 x 81				
operating mode	constant current						
delivered lumens	5358 Im						
colour rendering index	80						
correlated colour temperature	3500 K	mounting					
colour tolerance	3 SDCM	type	recessed				
СТІ	≥ 600 V	method	direct-fix or butterfly bracket				
lumen maintenance [L80F10]	> 72,000 h	orientation	orientation horizontal or vertical burning position				
electrical		mounting base + end caps					
rated supply voltage	220 - 240 V	material	extruded aluminium base + security end caps				
mains frequency	0 / 50 / 60 Hz	finish	white texture polyester powder coat				
power consumption	66.62 W						
leakage current	< 230 µA						
in-rush current	23.0 A / 174 µs	light module	a cassatta				
power factor [0.98	material	high-transmission + uv-stabilised extruded				
THD	6%		polycarbonate [hermetically sealed]				
overvoltage protection	320 V AC / 48 h	finish	clear reeded				
mains surge protection [L-N]	1 kV						
mains surge protection [L/N-PE]	2 kV						

maximum circuit breaker loads

conductor size	1.5mm²		2.5mm²		1.5mm²		2.5mm²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	10	14	17	22	6	8	10	13



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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