

50 classic recessed - SVR050CLA-REC2400-FXD850100-WHT



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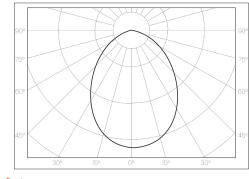
ANSI/IES LM-79-19 ANSI/IES LM-80-21

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-REC2400-FXD850100-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







data subject to change without notice. E&OE

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&(::) (0) ATO driver manufacturer Tridonic ۰ control interface fixed output dimming range switch-on time < 700 ms < 50 ms switch-off time 4 L rated lifetime > 100,000 h dimensions [mm]

light source		W - width	96		
manufacturer	Tridonic	H - height	102		
technology	linear LED module	cut-out	2375 x 81		
operating mode	constant current				
delivered lumens	8189 lm				
colour rendering index	80				
correlated colour temperature	5000 K	mounting			
colour tolerance	3 SDCM	type	recessed		
СТІ	≥ 600 V	method	direct-fix or butterfly bracket		
lumen maintenance [L80F10]	> 72,000 h	orientation	horizontal or vertical burning position		
electrical		mounting base + end caps			
	age 220 - 240 V				
rated supply voltage	220 - 240 V	material	extruded aluminium base + security end caps		
rated supply voltage mains frequency	220 – 240 V 0 / 50 / 60 Hz	material finish	extruded aluminium base + security end caps white texture polyester powder coat		
			, , ,		
mains frequency	0 / 50 / 60 Hz		, , ,		
mains frequency power consumption	0 / 50 / 60 Hz 99.91 W	finish	white texture polyester powder coat		
mains frequency power consumption leakage current	0 / 50 / 60 Hz 99.91 W < 350 µA	finish light module c	white texture polyester powder coat		
mains frequency power consumption leakage current in-rush current	0 / 50 / 60 Hz 99.91 W < 350 μA 22.4 A / 176 μs	finish	white texture polyester powder coat		
mains frequency power consumption leakage current in-rush current power factor [0 / 50 / 60 Hz 99.91 W < 350 µA 22.4 A / 176 µs 0.98	finish light module c	white texture polyester powder coat assette high-transmission + uv-stabilised extruded		
mains frequency power consumption leakage current in-rush current power factor [THD	0 / 50 / 60 Hz 99.91 W < 350 μA 22.4 A / 176 μs 0.98 6%	finish light module c material	white texture polyester powder coat assette high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]		
mains frequency power consumption leakage current in-rush current power factor [THD overvoltage protection	0 / 50 / 60 Hz 99.91 W < 350 µA 22.4 A / 176 µs 0.98 6% 320 V AC / 48 h	finish light module c material	white texture polyester powder coat assette high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]		

L - length

2390

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	18	22	6	8	11	13



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