

50 classic recessed - SVR050CLA-REC1800-FXD940040-BLK



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IK17

IP66

AT06



175 joules impact resistance

hermetically sealed light module cassette

security torx tamper-proof fasteners





























country of origin Australia

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/NZS 60598.2.2:2016 AS 60529-2004 IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21

50 classic recessed range product code SVR050CLA-REC1800-FXD940040-BLK Heavy-gauge extruded aluminium mounting base and security caps with description durable polyester powder coat finish 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 or recessed butterfly bracket Internal stainless steel wire safety lanyards 1.0 m circular flex connection

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

sales@survivorlighting.com +61 2 9191 9800





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&(::) (0) ATO driver manufacturer Tridonic ۰ control interface fixed output dimming range < 600 ms switch-on time switch-off time < 20 ms

		4	L	•	∢ w ►
rated lifetime	>100,000 h				
		dimensions [mm]			
		L - length	1830		
light source		W - width	96		
manufacturer	Tridonic	H - height	102		
technology	linear LED module	cut-out	1815 x 81		
operating mode	constant current				
delivered lumens	2114 lm				
colour rendering index	90				
correlated colour temperature	4000 K	mounting			
colour tolerance	3 SDCM	type	recessed		
CTI	≥ 600 V	method	direct-fix or butterfly brac	ket	
lumen maintenance [L80F10]	> 72,000 h	orientation	horizontal or vertical burni	ng positio	n
electrical		mounting base	e + end caps		
		, succession of the second			

mains frequency0 / 50 / 60 Hzfinishblack texture polyester powder coatpower consumption29.97 W	rated supply voltage	220 - 240 V	material	extruded aluminium base + security end caps			
I eakage current< 230 μAIight module cassettein-rush current23.0 A / 174 μsIight module cassettepower factor [0.98high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]	mains frequency	0 / 50 / 60 Hz	finish	black texture polyester powder coat			
in-rush current 23.0 A / 174 µs light module cassette material high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]	power consumption	29.97 W					
power factor [0.98 THD 6%	leakage current	< 230 µA					
power factor [0.98 material high-transmission + uv-stabilised extruded THD 6% polycarbonate [hermetically sealed]	in-rush current	23.0 A / 174 µs	light module	lle cassette			
THD 6% polycarbonate [hermetically sealed]	power factor [0.98					
overvoltage protection 320 V AC / 48 h finish clear reeded	THD	6%		0			
	overvoltage protection	320 V AC / 48 h	finish	clear reeded			
mains surge protection [L-N] 1 kV	mains surge protection [L-N]	1 kV					
mains surge protection [L/N-PE] 2 kV	mains surge protection [L/N-PE]	2 kV					

maximum circuit breaker loads

conductor size	1.5mm²		2.5mm ²		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



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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