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## 50 classic recessed - SVR050CLA-REC2100-FXD835020-WHT

175 joules impact resistance



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country of origin

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

ANSI/IES TM-21-21

IP66	hermetically sealed light module cassette	Australia		
AT06	security torx tamper-proof fasteners			
		accreditations		
range product code	50 classic recessed SVR050CLA-REC2100-FXD835020-WHT	Australian Made and Owned EESS RCM		
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 module diffuser	7-year standard 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 supply unit	standards 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		
	1.0 m circular flex connection	AS 60529-2004 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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data subject to change without notice. E&OE

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light source

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polycarbonate [hermetically sealed]

clear reeded

#### $(\cdot \cdot)$ (0) $\bigcirc$ driver manufacturer Tridonic . control interface fixed output dimming range < 700 ms switch-on time switch-off time < 50 ms 4 L rated lifetime > 100,000 h dimensions [mm]

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	manufacturer	Tridonic	H - height	102	
	technology	linear LED module	cut-out	2095 x 81	
	operating mode	constant current			
	delivered lumens	938 lm			
	colour rendering index	80			
	correlated colour temperature	3500 K	mounting		
	colour tolerance	3 SDCM	type	recessed	
	CTI	≥ 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			
	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	11.66 W			
	leakage current	< 350 µA			
	in-rush current	22.4 A / 176 µs	light module c	assette	
	power factor [	0.97	material	high-transmission + uv-stabilised extruded	

finish

L - length

W - width

2110

96

THD

overvoltage protection

mains surge protection [L-N]

mains surge protection [L/N-PE]

## maximum circuit breaker loads conductor size

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

8%

1 kV

2 kV

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 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