

50 classic recessed - SVR050CLA-REC1800-FXD865060-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-FXD865060-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

data subject to change without notice. E&OE

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$(\cdot \cdot)$ (0) \bigcirc driver manufacturer Tridonic . control interface fixed output dimming range < 600 ms switch-on time switch-off time < 20 ms 4 L rated lifetime > 100,000 h dimensions [mm] L - length 1830 96 light source W - width

manufacturer	Tridonic	H - height	102	
technology	linear LED module	cut-out	1815 x 81	
operating mode	constant current			
delivered lumens	3708 lm			
colour rendering index	80			
correlated colour temperature	6500 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	black texture polyester powder coat	
power consumption	44.96 W			
leakage current	< 230 µA			

light module cassette

material	high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]
finish	clear reeded

maximum circuit breaker loads

mains surge protection [L/N-PE]

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

23.0 A / 174 µs

320 V AC / 48 h

0.98

6%

1 kV

2 kV



in-rush current

power factor [

overvoltage protection mains surge protection [L-N]

THD

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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