

extreme lighting | no boundaries

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100 eco recessed - SVR100ECO-REC0500-DA2840020-BLK



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country of origin Australia

accreditations

Australian Made and Owned DALI Alliance 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

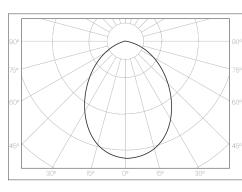
IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners

125 joules impact resistance

product code SVR100ECO-REC0500-DA2840020-BLK	
description Extruded aluminium mounting base and security caps with 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 highly robust recessed luminaire that enhances safety and security in 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

1



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$(:\cdot)$ (0) $\langle c \rangle$ DAL driver manufacturer Tridonic 0 . control interface DALI-2 dimming range 1 - 100 % switch-on time < 700 ms switch-off time < 30 ms L rated lifetime > 100,000 h dimensions [mm] L - length 480 W - width 138 light source manufacturer Tridonic H - height 102 technology linear LED module cut-out - 465 L x 123 W operating mode constant current 233 Im delivered lumens colour rendering index 80 mounting correlated colour temperature 4000 K type recessed colour tolerance 3 SDCM method direct-fix or butterfly bracket CTL ≥ 600 V orientation horizontal or vertical burning position lumen maintenance [L80F10] > 72,000 h mounting base + end caps electrical material extruded aluminium base + security end caps 220 - 240 V rated supply voltage finish black texture polyester powder coat 0 / 50 / 60 Hz mains frequency 2.5 W power consumption leakage current < 700 µA light module cassette 13.6 A / 304 µs in-rush current high-transmission + uv-stabilised extruded material power factor [0.86 polycarbonate [hermetically sealed] THD 19% translucent reeded finish overvoltage protection 320 V AC / 48 h mains surge protection [L-N] 1 kV

maximum circuit breaker loads

mains surge protection [L/N-PE]

conductor size	1.5mm²		2.5mm²		1.5mm²		2.5mm ²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	30	38	46	58	18	23	28	35

2 kV



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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 norminal 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