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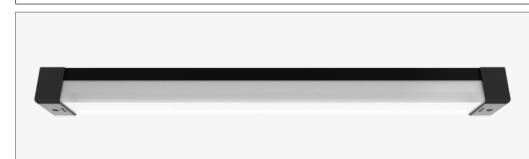
(0)

# 100 eco surface - SVR100ECO-SUR0500-DA2850080-BLK

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country of origin Australia

accreditations

DALI Alliance EESS

warranty 7-year standard 10-year on application

standards

AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS 60529-2004

ANSI/IES LM-79-19

ANSI/IES LM-80-21

ANSI/IES TM-21-21

IEC/EN 62262:2002+A1:2021

RCM

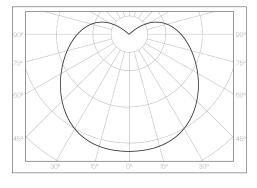
Australian Made and Owned

IK15	125 joules impact resistance					
IP66	hermetically sealed light module cassette					
AT06	security torx tamper-proof fasteners					

range	100 eco surface					
product code	SVR100ECO-SUR0500-DA2850080-BLK					
description	Extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant GRP security caps					
	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 surface mounted					
	Internal stainless steel wire safety lanyards					
	1.0 m circular flex connection					

applications highly robust surface mounted 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







# 100 eco surface - SVR100ECO-SUR0500-DA2850080-BLK



#### (::)(0) $\langle c \rangle$ DAL driver manufacturer Tridonic © 1 2.0 control interface DALI-2 dimming range 1 - 100 % switch-on time < 700 ms н switch-off time < 30 ms L W rated lifetime > 100,000 h dimensions [mm] L - length 460 light source W - width 112 manufacturer Tridonic H - height 99 technology linear LED module operating mode constant current delivered lumens 1203 Im colour rendering index 80 mounting correlated colour temperature 5000 K type surface mounted colour tolerance 3 SDCM direct-fix or wall bracket method CTL ≥ 600 V orientation horizontal or vertical burning position lumen maintenance [L80F10] > 72,000 h mounting base + end caps electrical material extruded aluminium base + GRP security end 220 - 240 V rated supply voltage caps 0 / 50 / 60 Hz mains frequency finish black texture polyester powder coat + black GRP 9.99 W power consumption leakage current < 700 µA 13.6 A / 304 µs in-rush current light module cassette power factor [ 0.86 material high-transmission + uv-stabilised extruded THD 19% polycarbonate [hermetically sealed] overvoltage protection 320 V AC / 48 h finish translucent reeded mains surge protection [L-N] 1 kV

### maximum circuit breaker loads

mains surge protection [L/N-PE]

conductor size	1.5mm²		2.5mm <sup>2</sup>		1.5mm²		2.5mm <sup>2</sup>	
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