



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

**country of origin**  
Australia

**range** 100 eco semi-recessed  
**product code** SVR100ECO-SRE1200-DA2830040-BLK

**accreditations**  
Australian Made and Owned  
DALI Alliance  
EESS  
RCM

**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 or recessed butterfly bracket  
Internal stainless steel wire safety lanyards  
1.0 m circular flex connection

**warranty**  
7-year standard  
10-year on application

**applications** highly robust semi-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

**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

**polar curve**



**driver**

manufacturer	Tridonic
control interface	DALI-2
dimming range	1 – 100 %
switch-on time	< 700 ms
switch-off time	< 50 ms
rated lifetime	> 100,000 h

**light source**

manufacturer	Tridonic
technology	linear LED module
operating mode	constant current
delivered lumens	2333 lm
colour rendering index	80
correlated colour temperature	3000 K
colour tolerance	3 SDCM
CTI	≥ 600 V
lumen maintenance [L80F10]	> 72,000 h

**electrical**

rated supply voltage	220 – 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	19.98 W
leakage current	< 350 µA
in-rush current	22.4 A / 176 µs
power factor [	0.98
THD	6%
overvoltage protection	320 V AC / 48 h
mains surge protection [L-N]	1 kV
mains surge protection [L/N-PE]	2 kV

**dimensions [mm]**

L - length	1270
W - width	138
H - height	138
cut-out -	1255 L x 123 W

**mounting**

type	semi-recessed
method	direct-fix or butterfly bracket
orientation	horizontal or vertical burning position

**mounting base + end caps**

material	extruded aluminium base + GRP security end caps
finish	black texture polyester powder coat + black GRP

**light module cassette**

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

**maximum circuit breaker loads**

conductor size	1.5mm <sup>2</sup>		2.5mm <sup>2</sup>		1.5mm <sup>2</sup>		2.5mm <sup>2</sup>	
	C10	C13	C16	C20	B10	B13	B16	B20
conductor size								
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	21	28	36	45	13	17	22	27