

100 eco **suspended** - SVR100ECO-SUS1800-DA2827100-WHT



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

country of origin
Australia

range 100 eco suspended
product code SVR100ECO-SUS1800-DA2827100-WHT

- 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
- Heavy-gauge stainless steel wire suspensions
- Internal stainless steel wire safety lanyards
- 1.0 m circular flex connection

warranty

- 7-year standard
- 10-year on application

applications highly robust suspended 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 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	< 600 ms
switch-off time	< 20 ms
rated lifetime	> 100,000 h



light source

manufacturer	Tridonic
technology	linear LED module
operating mode	constant current
delivered lumens	5559 lm
colour rendering index	80
correlated colour temperature	2700 K
colour tolerance	3 SDCM
CTI	≥ 600 V
lumen maintenance [L80F10]	> 72,000 h

dimensions [mm]

L - length	1810
W - width	112
H - height	99

mounting

type	suspended
method	2.0 m heavy duty stainless steel
orientation	horizontal burning position

mounting base + end caps

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

light module cassette

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

electrical

rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	49.97 W
leakage current	< 230 µA
in-rush current	23.0 A / 174 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

maximum circuit breaker loads

conductor size	1.5mm ²		2.5mm ²		1.5mm ²		2.5mm ²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	21	28	35	45	13	17	21	27