

## 100 eco suspended - SVR100ECO-SUS0700-FXD830020-WHT





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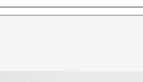














origin

accreditations

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

country of
Australia

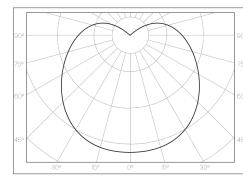
IP66	hermetically sealed light module cassette
AT06	security torx tamper-proof fasteners

125 joules impact resistance

100 eco suspended	Australian Made and Owned EESS
SVR100ECO-SUS0700-FXD830020-WHT	RCM
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	warranty
Serviceable replaceable and upgradable light module cassette	7-year standard
Internal socket drive security-torx 304 stainless steel security fasteners	10-year on application
Integral energy efficient Zhaga compliant Tridonic LED modules and power supply unit	
Heavy-gauge stainless steel wire suspensions	standards
Internal stainless steel wire safety lanyards	
1.0 m circular flex connection	AS/NZS 60598.1:2017
	SVR100ECO-SUS0700-FXD830020-WHT 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

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

## polar curve





(SURVIVOR)



# 100 eco suspended - SVR100ECO-SUS0700-FXD830020-WHT



# $(\cdot)$

driver

manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime



(0)



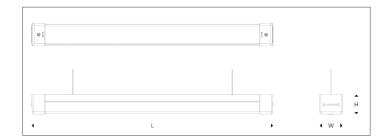
fixed output

Tridonic

< 700 ms

< 50 ms

> 100,000 h



#### 112 light source W - width manufacturer Tridonic H - height 99 technology linear LED module operating mode constant current delivered lumens 583 lm colour rendering index 80 mounting 3000 K correlated colour temperature type suspended colour tolerance 3 SDCM 2.0 m heavy duty stainless steel method CTI ≥ 600 V orientation horizontal burning position lumen maintenance [L80F10] > 72,000 h

## electrical

rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	5 W
leakage current	< 350 µA
in-rush current	22.4 A / 176 µs
power factor [	0.94
THD	10%
overvoltage protection	320 V AC / 48 h
mains surge protection [L-N]	1 kV
mains surge protection [L/N-PE]	2 kV

## mounting base + end caps

dimensions [mm]

690

L - length

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

## maximum circuit breaker loads

conductor size	1.5mm²		2.5mm <sup>2</sup>		1.5mm²		2.5mm²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	21	28	36	45	13	17	22	27



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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 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