

extreme lighting | no boundaries



# 100 classic naked-suspended - SVR100CLA-NKS2600-FXD830100-WHT



IK17

IP66























country of 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

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Australia

AT06 security torx tamper-proof fasteners

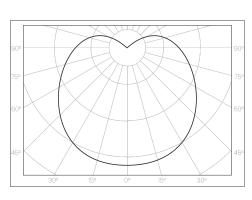
175 joules impact resistance

hermetically sealed light module cassette

Australian Made and Owned range 100 classic naked-suspended EESS SVR100CLA-NKS2600-FXD830100-WHT RCM product code description Heavy-gauge aluminium suspension bracket with durable polyester powder coat finish Impact-resistant UV-stabilised high-transmission polycarbonate light warranty module diffuser 7-year standard Serviceable replaceable and upgradable light module cassette 10-year on application 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 standards 1.0 m circular flex connection AS/NZS 60598.1:2017

applications extremely robust suspended luminaire that enhances safety and security in the most 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





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# (::)

driver

manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime



(0)



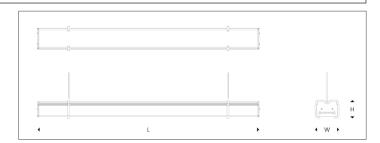
fixed output

Tridonic

< 700 ms

< 50 ms

> 100,000 h



		9	
light source		W - width	121
manufacturer	Tridonic	H - height	92
technology	linear LED module		
operating mode	constant current		
delivered lumens	12393 lm		
colour rendering index	80	mounting	
correlated colour temperature	3000 K	type	suspended
colour tolerance	3 SDCM	method	2.0 m heavy duty stainless steel
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	112.4 W			
leakage current	< 350 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			

### suspension bracket + end plates

material	aluminium suspension bracket + aluminium security end plates
finish	white texture polyester powder coat

### light module cassette

dimensions [mm]

2540

L - length

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

## maximum circuit breaker loads

conductor size	1.5mm <sup>2</sup>		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	10	14	17	22	6	8	10	13



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