

extreme lighting | no boundaries



# 100 classic naked-suspended - SVR100CLA-NKS2900-FXD850020-WHT



IK17

IP66

range

product code description

























country of origin

Australia

warranty

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

7-year standard

10-year on application

175 joules impact resistance hermetically sealed light module cassette

AT06 security torx tamper-proof fasteners

coat finish

100 classic naked-suspended

SVR100CLA-NKS2900-FXD850020-WHT

accreditations Australian Made and Owned EESS RCM Heavy-gauge aluminium suspension bracket with durable polyester powder

Impact-resistant UV-stabilised high-transmission polycarbonate light module diffuser

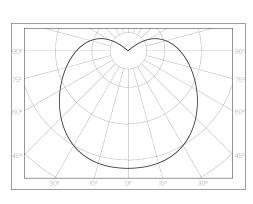
Serviceable replaceable and upgradable light module cassette Internal socket drive security-torx 304 stainless steel security fasteners Integral energy efficient Zhaga compliant Tridonic LED modules and power supply unit

Heavy-gauge stainless steel wire suspensions

1.0 m circular flex connection

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





sales@survivorlighting.com +61 2 9191 9800 (SURVIVOR)

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## (::) (0)

driver

manufacturer

control interface

dimming range

switch-on time

switch-off time

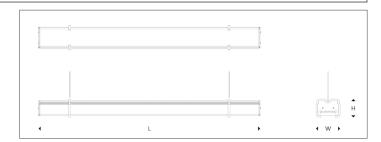
rated lifetime



# Tridonic

fixed output

- < 600 ms
- < 20 ms
- > 100,000 h



light source		W - width	121			
manufacturer	Tridonic	H - height	92			
technology	linear LED module					
operating mode	constant current					
delivered lumens	2841 lm					
colour rendering index	80	mounting				
correlated colour temperature	5000 K	type method	suspended			
colour tolerance	3 SDCM		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	24.98 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

#### suspension bracket + end plates

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

#### light module cassette

dimensions [mm]

2820

L - length

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