

extreme lighting | no boundaries



# 100 classic naked-suspended - SVR100CLA-NKS0500-FXD840020-WHT



























country of origin Australia

## accreditations

Australian Made and Owned EESS RCM

warranty

7-year standard 10-year on application

### 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

IK17	175 joules impact resistance				
IP66	hermetically sealed light module cassette				
AT06	security torx tamper-proof fasteners				

range	100 classic naked-suspended
product code	SVR100CLA-NKS0500-FXD840020-WHT
description	Heavy-gauge aluminium suspension bracket with durable polyester powder coat finish
	Impact-resistant UV-stabilised high-transmission polycarbonate light

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

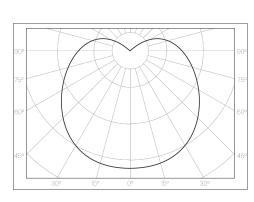
Serviceable replaceable and upgradable light module cassette Internal socket drive security-torx 304 stainless steel security fasteners Integral energy efficient Zhaga compliant Tridonic LED modules and power supply unit

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) data subject to change without notice. E&OE

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# (::) (0)

driver

manufacturer

control interface

dimming range

switch-on time

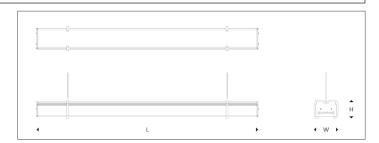
switch-off time

rated lifetime





- fixed output
- < 700 ms
- < 30 ms
- > 100,000 h



light source		W - width	121
manufacturer	Tridonic	H - height	92
technology	linear LED module		
operating mode	constant current		
delivered lumens	288 lm		
colour rendering index	80	mounting	
correlated colour temperature	4000 K	type	suspended
colour tolerance	3 SDCM	method	' 2.0 m heavy duty stainless steel
CTI	≥ 600 V	orientation	, , , , , , , , , , , , , , , , , , ,
lumen maintenance [L80F10]	> 72,000 h		

## electrical

rated supply voltage	220 - 240 V			
mains frequency	0 / 50 / 60 Hz			
power consumption	2.5 W			
leakage current	< 700 µA			
in-rush current	13.6 A / 304 µs			
power factor [	0.86			
THD	19%			
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]

350

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		2.5mm <sup>2</sup>	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	30	38	46	58	18	23	28	35



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