

# 100 classic naked-suspended - SVR100CLA-NKS0500-FXD865020-BLK











country of origin Australia

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

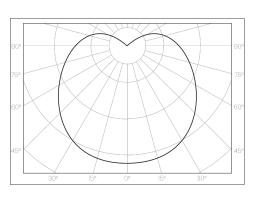
IEC/EN 62262:2002+A1:2021

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

range product code	100 classic naked-suspended SVR100CLA-NKS0500-FXD865020-BLK	Australian Made and Owned EESS RCM		
description	Heavy-gauge aluminium suspension bracket with durable polyester powder coat finish			
	Impact-resistant UV-stabilised high-transmission polycarbonate light module diffuser	<b>warranty</b> 7-year standard 10-year on application		
	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	<b>standards</b> AS/NZS 60598.1:2017		

extremely robust suspended luminaire that enhances safety and security applications 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



PDS-



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data subject to change without notice. E&OE



extreme lighting | no boundaries

## 100 classic naked-suspended - SVR100CLA-NKS0500-FXD865020-BLK



## (::) (0)

driver

manufacturer

control interface

dimming range

switch-on time

switch-off time

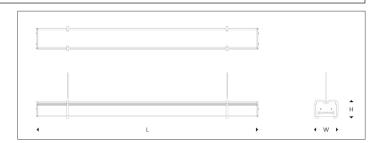
rated lifetime





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	286 lm		
colour rendering index	80	mounting	
correlated colour temperature	6500 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	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 k∨
mains surge protection [L/N-PE]	2 kV

### suspension bracket + end plates

material	aluminium suspension bracket + aluminium security end plates
finish	black 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		2.5mm²		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