

# 100 classic naked-suspended - SVR100CLA-NKS0700-FXD840020-BLK









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country	of	origin
Australia		

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

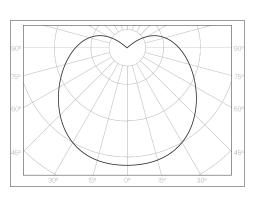
IEC/EN 62262:2002+A1:2021

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

		accreditations	
range product code	100 classic naked-suspended SVR100CLA-NKS0700-FXD840020-BLK	Australian Made and Owned EESS RCM	
		RCIVI	
description	Heavy-gauge aluminium suspension bracket with durable polyester powder coat finish		
	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		
	1.0 m circular flex connection	standards	

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



PDS-



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extreme lighting | no boundaries

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# (::)

driver

manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime

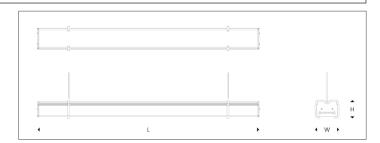


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fixed output

- < 700 ms
- < 50 ms
- > 100,000 h



light source		W - width	121
manufacturer	Tridonic	H - height	92
technology	linear LED module		
operating mode	constant current		
delivered lumens	577 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	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

### suspension bracket + end plates

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

### light module cassette

dimensions [mm]

580

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	21	28	36	45	13	17	22	27



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