

extreme lighting | no boundaries

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## 50 eco naked-suspended - SVR050ECO-NKS0500-FXD835100-BLK





accreditations

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

ANSI/IES LM-79-19

ANSI/IES LM-80-21

ANSI/IES TM-21-21

IEC/EN 62262:2002+A1:2021

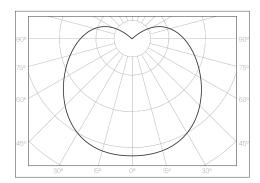
Australian Made and Owned

IK15	125 joules impact resistance	country of origin	
IP66	hermetically sealed light module cassette	Australia	
AT06	security torx tamper-proof fasteners		

range	50 eco naked-suspended
product code	SVR050ECO-NKS0500-FXD835100-BLK
description	Aluminium suspension bracket with durable polyester powder coat finish
	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 highly robust suspended luminaire that enhances safety and security in 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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manufacturer

control interface

dimming range

switch-on time switch-off time

# 50 eco naked-suspended - SVR050ECO-NKS0500-FXD835100-BLK

Tridonic

< 700 ms

< 30 ms

fixed output



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rated lifetime	> 100,000 h	L						
		dimensions [mm]						
		L - length	350					
light source		W - width	80					
manufacturer	Tridonic	H - height	93					
technology	linear LED module							
operating mode	constant current							
delivered lumens	957 lm							
colour rendering index	80	mounting						
correlated colour temperature	3500 K	type	suspended					
colour tolerance	3 SDCM	method	2.0 m heavy duty stainless steel					
СТІ	≥ 600 V	orientation	horizontal burning position					
lumen maintenance [L80F10]	> 72,000 h							
electrical		suspension bracket + end plates						
	220 - 240 V	material	aluminium suspension bracket + aluminium					

fi

rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	8.33 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

naterial	aluminium suspension bracket + aluminium security end plates
nish	black texture polyester powder coat

## light module cassette

material	high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]
finish	translucent 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	30	38	46	58	18	23	28	35



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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