

extreme lighting | no boundaries

## 50 eco naked-suspended - SVR050ECO-NKS1200-FXD865080-BLK



warranty 7-year standard 10-year on application

standards

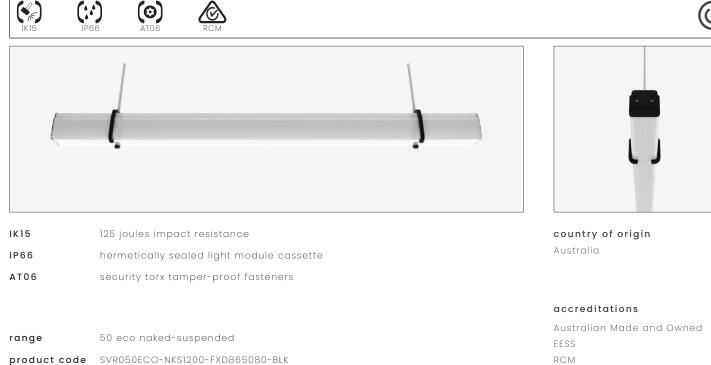
AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS 60529-2004

ANSI/IES LM-79-19

ANSI/IES LM-80-21

ANSI/IES TM-21-21

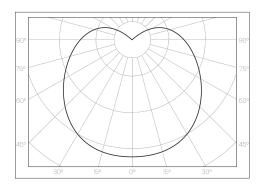
IEC/EN 62262:2002+A1:2021



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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



SVR\_SVR050ECO-NKS1200-FXD865080-BLK\_2308-C



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manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime

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(W)

## $(\cdot \cdot)$ (0) $\otimes$ driver

Tridonic			;]
fixed output	<u> </u>		ч
-			I
< 700 ms			
< 50 ms			
> 100,000 h	•	L	•
	dimension	ıs [mm]	

		L - length	1140
light source		W - width	80
manufacturer	Tridonic	H - height	93
technology	linear LED module		
operating mode	constant current		
delivered lumens	4708 lm		
colour rendering index	80	mounting	
correlated colour temperature	6500 K		suspended
colour tolerance	3 SDCM	W - width 80 H - height 93 current <b>mounting</b> type suspended method 2.0 m heavy duty stainless steel orientation horizontal burning position	'
CTI	≥ 600 V		
lumen maintenance [L80F10]	> 72,000 h		
		suspension bro	acket + end plates

electrical	
rated supply voltage	220 - 240 V
mains frequency	0 / 50 / 60 Hz
power consumption	39.96 W
leakage current	< 350 µA
in-rush current	22.4 A / 176 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	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	1.5mm²		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



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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