

# 50 eco naked - SVR050ECO-NKD2400-FXD830020-BLK











































country of origin Australia

accreditations

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

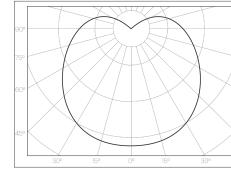
IEC/EN 62262:2002+A1:2021

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

range product code	50 eco naked SVR050ECO-NKD2400-FXD830020-BLK	Australian Made and Owned EESS RCM
description	Aluminium mounting 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 Direct-fix surface mounted 1.0 m circular flex connection	warranty 7-year standard 10-year on application standards

applications highly robust surface mounted 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



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# $(\cdot \cdot)$ (0)

driver

rated lifetime

CTI

electrical

rated supply voltage

mains frequency power consumption

leakage current

in-rush current power factor [

overvoltage protection mains surge protection [L-N]

THD

lumen maintenance [L80F10]





manufacturer	Tridonic
control interface	fixed output
dimming range	-
switch-on time	< 700 ms
switch-off time	< 50 ms

> 100,000 h

> 72,000 h

220 - 240 V

0 / 50 / 60 Hz

22.4 A / 176 µs

320 V AC / 48 h

19.98 W

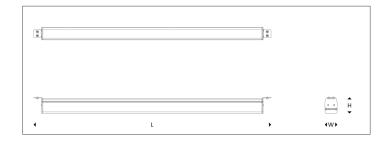
< 350 µA

0.98

6%

1 kV

2 kV



### light source manufacturer Tridonic technology linear LED module operating mode constant current delivered lumens 2268 lm colour rendering index 80 3000 K correlated colour temperature colour tolerance 3 SDCM ≥ 600 V

#### dimensions [mm] L - lenath 2240

L - length	2340
W - width	63
H - height	81

# mounting

type	surface mounted
method	direct-fix or wall bracket
orientation	horizontal or vertical burning position

# mounting bracket

material	aluminium security mounting bracket
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

mains surge protection [L/N-PE]

conductor size	1.5mm²		2.5mm <sup>2</sup>		1.5mm²		2.5mm²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	10	14	18	22	6	8	11	13



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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