

# 50 classic **naked-suspended** - SVR050CLA-NKS0500-FXD850100-WHT









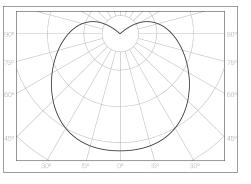
ANSI/IES LM-79-19 ANSI/IES LM-80-21

ANSI/IES TM-21-21

IK17 175 joules impact resistance country of origin Australia IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners accreditations Australian Made and Owned 50 classic naked-suspended range EESS RCM product code SVR050CLA-NKS0500-FXD850100-WHT Heavy-gauge aluminium suspension bracket with durable polyester powder description coat finish warranty Impact-resistant UV-stabilised high-transmission polycarbonate light 7-year standard module diffuser 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 standards supply unit AS/NZS 60598.1:2017 Heavy-gauge stainless steel wire suspensions AS/NZS 60598.2.1:2014 1.0 m circular flex connection AS 60529-2004 IEC/EN 62262:2002+A1:2021

applications extremely robust suspended mount 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





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## 1



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aluminium

## $(\cdot \cdot)$ (0) $\langle \rangle$ Tridonic manufacturer control interface fixed output

< 700 ms

< 30 ms

> 100,000 h

dimming range

driver

- switch-on time
- switch-off time
- rated lifetime

mains frequency power consumption

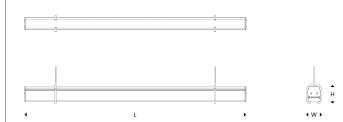
leakage current

in-rush current

power factor [

overvoltage protection mains surge protection [L-N]

THD



| light source                  |                   | W - width     | 80  |
|-------------------------------|-------------------|---------------|---|
| manufacturer                  | Tridonic          | H - height    | 93  |
| technology                    | linear LED module |               |   |
| operating mode                | constant current  |               |   |
| delivered lumens              | 1379 lm           | mounting      |   |
| colour rendering index        | 80                | type          | suspended   |
| correlated colour temperature | 5000 K            | method        | 2.0 m heavy duty stainless steel                        |
| colour tolerance              | 3 SDCM            | orientation   | horizontal burning position                             |
| СТІ                           | ≥ 600 V           |               |   |
| lumen maintenance [L80F10]    | > 72,000 h        |               |   |
|                               |                   | mounting brac | ket + end plate   |
|                               |                   | material      | aluminium suspension bracket + c<br>security end plates |
| electrical                    |                   |               | security end plates                                     |
| rated supply voltage          | 220 - 240 V       | finish        | white texture polyester powder co                       |
| mains frequency               | 0 / 50 / 60 Hz    |               |   |

## light module cassette

dimensions [mm]

350

L - length

| material | high-transmission + uv-stabilised extruded<br>polycarbonate [hermetically sealed] |
|----------|---|
| finish   | clear reeded  |

## maximum circuit breaker loads

mains surge protection [L/N-PE]

| conductor size       | 1.5mm² |     | 2.5mm² |     | 1.5mm <sup>2</sup> |     | 2.5mm² |     |
|----------------------|--------|-----|--------|-----|--------------------|-----|--------|-----|
| circuit breaker type | C10    | C13 | C16    | C20 | B10                | B13 | B16    | B20 |
| luminaire quantity   | 30     | 38  | 46     | 58  | 18                 | 23  | 28     | 35  |

12.49 W < 700 µA

0.86

19%

1 kV

2 kV

13.6 A / 304 µs

320 V AC / 48 h



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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