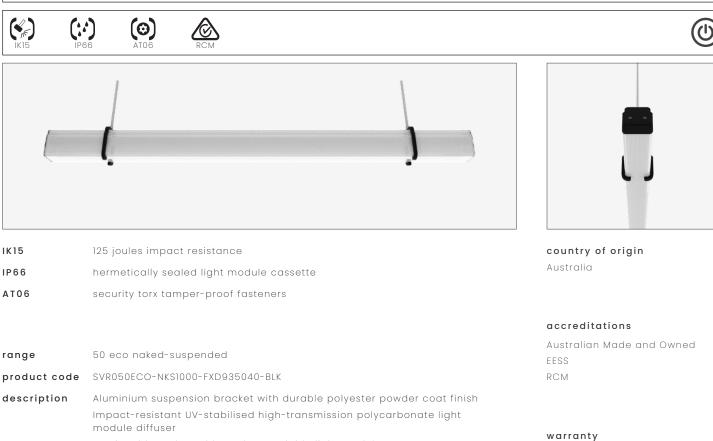


extreme lighting | no boundaries

### 50 eco naked-suspended - SVR050ECO-NKS1000-FXD935040-BLK

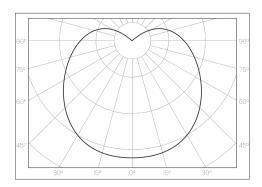


Serviceable replaceable and upgradable light module cassette Internal socket drive security-torx 304 stainless steel security fasteners Integral energy efficient Zhaga compliant Tridonic LED modules and power supply unit Heavy-gauge stainless steel wire suspensions

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





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data subject to change without notice. E&OE



7-year standard

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

1

10-year on application



## 50 eco naked-suspended - SVR050ECO-NKS1000-FXD935040-BLK



# (0) $(\cdot \cdot)$ Ø driver

| manufacturer           | Tridonic          | 0               |     |   |                     |  |
|------------------------|-------------------|-----------------|-----|---|---------------------|--|
| control interface      | fixed output      |                 |     |   |                     |  |
| dimming range          | -                 |                 |     | 1 |                     |  |
| switch-on time         | < 700 ms          |                 |     |   | (***)<br>(***)<br>H |  |
| switch-off time        | < 50 ms           | ↓               | L   |   |                     |  |
| rated lifetime         | > 100,000 h       |                 | L   |   |                     |  |
|                        |                   | dimensions [mm] |     |   |                     |  |
|                        |                   | L - length      | 860 |   |                     |  |
| light source           |                   | W - width       | 80  |   |                     |  |
| manufacturer           | Tridonic          | H - height      | 93  |   |                     |  |
| technology             | linear LED module |                 |     |   |                     |  |
| operating mode         | constant current  |                 |     |   |                     |  |
| delivered lumens       | 995 lm            |                 |     |   |                     |  |
| colour rendering index | 90                | mounting        |     |   |                     |  |

| operating mode                | constant current |             |                                  |
|-------------------------------|------------------|-------------|----------------------------------|
| delivered lumens              | 995 lm           |             |                                  |
| colour rendering index        | 90               | 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

| rated supply voltage            | 220 - 240 V     |
|---------------------------------|-----------------|
| mains frequency                 | 0 / 50 / 60 Hz  |
| power consumption               | 9.99 W          |
| leakage current                 | < 350 µA        |
| in-rush current                 | 22.4 A / 176 µs |
| power factor [                  | 0.97            |
| THD                             | 8%              |
| 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<br>security end plates |
|----------|---|
| finish   | black texture polyester powder coat                             |

#### light module cassette

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

### maximum circuit breaker loads

| conductor size       | 1.5mm² |     | 2.5mm² |     | 1.5mm² |     | 2.5mm² |     |
|----------------------|--------|-----|--------|-----|--------|-----|--------|-----|
| 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

