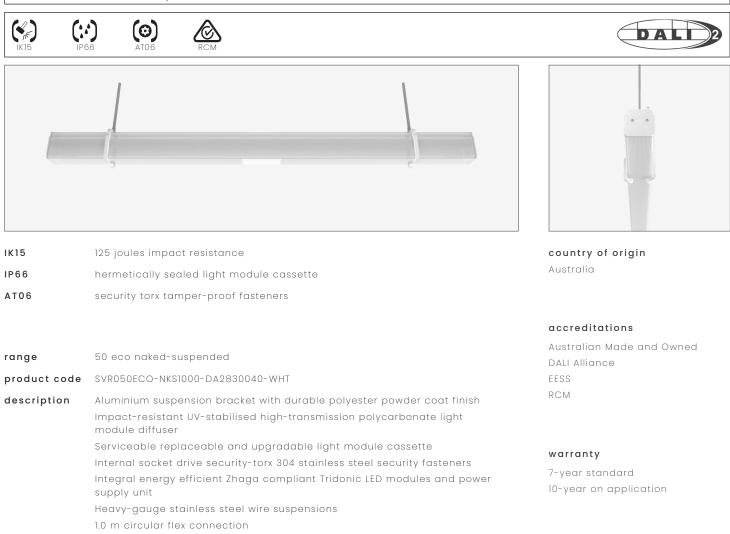
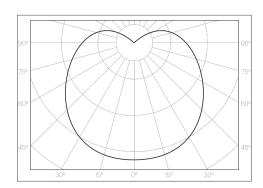


## 50 eco naked-suspended - SVR050ECO-NKS1000-DA2830040-WHT



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





data subject to change without notice. E&OE

standards

AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014

IEC/EN 62262:2002+A1:2021

AS 60529-2004

ANSI/IES LM-79-19

ANSI/IES LM-80-21 ANSI/IES TM-21-21



## 50 eco naked-suspended - SVR050ECO-NKS1000-DA2830040-WHT



|                                 | <b>E</b> M        |              | DALI 2  |  |  |  |  |  |
|---------------------------------|-------------------|--------------|---|--|--|--|--|--|
| driver                          |                   |              |   |  |  |  |  |  |
| manufacturer                    | Tridonic          |              |   |  |  |  |  |  |
| control interface               | DALI-2            |              | ŭ   |  |  |  |  |  |
| dimming range                   | 1 - 100 %         | 1            |   |  |  |  |  |  |
| switch-on time                  | < 700 ms          |              |   |  |  |  |  |  |
| switch-off time                 | < 50 ms           |              |   |  |  |  |  |  |
| rated lifetime                  | > 100,000 h       | •            |   |  |  |  |  |  |
|                                 |                   | dimensions [ | dimensions [mm]   |  |  |  |  |  |
|                                 |                   | L - length   |   |  |  |  |  |  |
| light source                    |                   | W - width    | 80  |  |  |  |  |  |
| manufacturer                    | Tridonic          | H - height   | 93  |  |  |  |  |  |
| technology                      | linear LED module |              |   |  |  |  |  |  |
| operating mode                  | constant current  |              |   |  |  |  |  |  |
| delivered lumens                | 1701 lm           |              |   |  |  |  |  |  |
| colour rendering index          | 80                | mounting     |   |  |  |  |  |  |
| correlated colour temperature   | 3000 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        | onentation   | nonzontal banning position                                      |  |  |  |  |  |
|                                 |                   | suspension b | racket + end plates   |  |  |  |  |  |
| electrical                      |                   | material     | aluminium suspension bracket + aluminium<br>security end plates |  |  |  |  |  |
| rated supply voltage            | 220 - 240 V       |              |   |  |  |  |  |  |
| mains frequency                 | 0 / 50 / 60 Hz    | finish       | white texture polyester powder coat                             |  |  |  |  |  |
| power consumption               | 14.99 W           |              |   |  |  |  |  |  |
| leakage current                 | < 350 µA          |              |   |  |  |  |  |  |
| in-rush current                 | 22.4 A / 176 µs   | light module | cassette  |  |  |  |  |  |
| power factor [                  | 0.97              | material     | high-transmission + uv-stabilised extruded                      |  |  |  |  |  |
| THD                             | 8%                |              | polycarbonate [hermetically sealed]                             |  |  |  |  |  |
| overvoltage protection          | 320 V AC / 48 h   | finish       | translucent reeded  |  |  |  |  |  |
| mains surge protection [L-N]    | 1 kV              |              |   |  |  |  |  |  |
| mains surge protection [L/N-PE] | 2 kV              |              |   |  |  |  |  |  |

## maximum circuit breaker loads

| 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   | 21     | 28  | 36                 | 45  | 13     | 17  | 22     | 27  |



(SURVIVOR) sales@survivorlighting.com +61 2 9191 9800

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