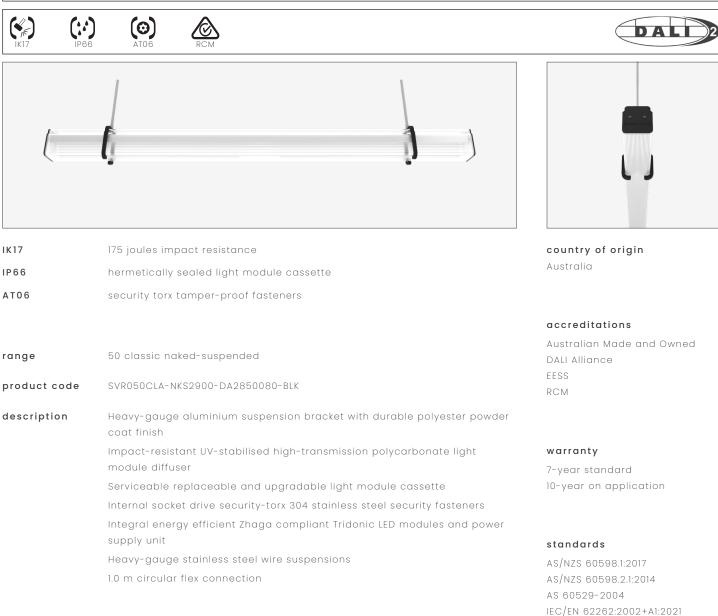
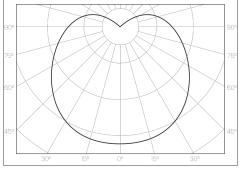


# 50 classic naked-suspended - SVR050CLA-NKS2900-DA2850080-BLK



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



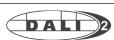


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data subject to change without notice. E&OE

# 1





ANSI/IES LM-79-19

ANSI/IES LM-80-21

ANSI/IES TM-21-21



## 50 classic naked-suspended - SVR050CLA-NKS2900-DA2850080-BLK



| (***) (***) (***) (***) (***) (***) | RCM               |              | DALIZ   |  |  |  |  |
|-------------------------------------|-------------------|--------------|---|--|--|--|--|
| driver                              |                   |              |   |  |  |  |  |
| manufacturer                        | Tridonic          | 0            |   |  |  |  |  |
| control interface                   | DALI-2            |              |   |  |  |  |  |
| dimming range                       | 1 - 100 %         |              |   |  |  |  |  |
| switch-on time                      | < 600 ms          |              |   |  |  |  |  |
| switch-off time                     | < 20 ms           |              |   |  |  |  |  |
| rated lifetime                      | > 100,000 h       |              |   |  |  |  |  |
|                                     |                   | dimensions [ | dimensions [mm]   |  |  |  |  |
|                                     |                   | L - length   | 2820  |  |  |  |  |
| light source                        |                   | W - width    | 80  |  |  |  |  |
| manufacturer                        | Tridonic          | H - height   | 93  |  |  |  |  |
| echnology                           | linear LED module |              |   |  |  |  |  |
| operating mode                      | constant current  |              |   |  |  |  |  |
| delivered lumens                    | 11030 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  | tation horizontal burning position                              |  |  |  |  |
| CTI                                 | ≥ 600 V           |              |   |  |  |  |  |
| umen maintenance [L80F10]           | > 72,000 h        |              |   |  |  |  |  |
|                                     |                   | mounting bro | acket + end plate   |  |  |  |  |
| electrical                          |                   | material     | aluminium suspension bracket + aluminium<br>security end plates |  |  |  |  |
| ated supply voltage                 | 220 - 240 V       | finish       | black texture polyester powder coat                             |  |  |  |  |
| nains frequency                     | 0 / 50 / 60 Hz    |              |   |  |  |  |  |
| power consumption                   | 99.91 W           |              |   |  |  |  |  |
| eakage current                      | < 230 µA          | light module | cassette  |  |  |  |  |
| n-rush current                      | 23.0 A / 174 µs   | material     | high-transmission + uv-stabilised extruded                      |  |  |  |  |
| power factor [                      | 0.98              |              | polycarbonate [hermetically sealed]                             |  |  |  |  |
| ΉD                                  | 6%                | finish       | clear reeded  |  |  |  |  |
| overvoltage protection              | 320 V AC / 48 h   |              |   |  |  |  |  |
| nains 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 |     | 2.5mm <sup>2</sup> |     |
|----------------------|--------|-----|--------------------|-----|--------|-----|--------------------|-----|
| circuit breaker type | C10    | C13 | C16                | C20 | B10    | B13 | B16                | B20 |
| luminaire quantity   | 10     | 14  | 17                 | 22  | 6      | 8   | 10                 | 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