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# 50 eco semi-recessed - SVR050ECO-SRE1500-FXD830080-BLK























country of origin Australia

accreditations

EESS RCM

warranty 7-year standard 10-year on application

standards

AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS/NZS 60598.2.2:2016 AS 60529-2004

ANSI/IES LM-79-19

ANSI/IES LM-80-21

ANSI/IES TM-21-21

IEC/EN 62262:2002+A1:2021

Australian Made and Owned

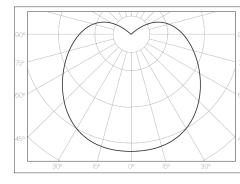
### IK15 125 joules impact resistance IP66 hermetically sealed light module cassette

AT06 security torx tamper-proof fasteners

| range        | 50 eco semi-recessed  |
|--------------|---|
| product code | SVR050ECO-SRE1500-FXD830080-BLK   |
| description  | Extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant GRP security caps |
|              | Impact-resistant UV-stabilised high-transmission polycarbonate light<br>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 or recessed butterfly bracket  |
|              | Internal stainless steel wire safety lanyards   |
|              | 1.0 m circular flex connection  |

applications highly robust semi-recessed 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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# 1



control interface

dimming range

switch-on time

switch-off time rated lifetime

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fixed output

< 600 ms

< 20 ms

> 100,000 h



# IKI5 IKO IKO IKO driver manufacturer Tridonic

| © 1 |   | Į 🕥 |                           |
|-----|---|-----|---------------------------|
|     |   |     |                           |
|     |   |     | ▲<br>H                    |
|     |   |     | 3                         |
| •   | L | •   | <ul> <li>✓ W ▶</li> </ul> |

|                               |                   | dimensions [  | dimensions [mm]                         |  |  |  |
|-------------------------------|-------------------|---------------|---|--|--|--|
|                               |                   | L - length    | 1550                                    |  |  |  |
| light source                  |                   | W - width     | 96                                      |  |  |  |
| manufacturer                  | Tridonic          | H - height    | 138                                     |  |  |  |
| technology                    | linear LED module | cut-out - 153 | 5 L x 81 W                              |  |  |  |
| operating mode                | constant current  |               |   |  |  |  |
| delivered lumens              | 5670 lm           |               |   |  |  |  |
| colour rendering index        | 80                | mounting      |   |  |  |  |
| correlated colour temperature | 3000 K            | type          | semi-recessed                           |  |  |  |
| colour tolerance              | 3 SDCM            | method        | direct-fix or butterfly bracket         |  |  |  |
| СТІ                           | ≥ 600 V           | orientation   | horizontal or vertical burning position |  |  |  |
| lumen maintenance [L80F10]    | > 72,000 h        |               | nonzontal of voltioal barning position  |  |  |  |
|                               |                   |               |   |  |  |  |

| electrical   |   |  |  |  |  |
|--------------|---|--|--|--|--|
| rated supply | ` |  |  |  |  |

| rated supply voltage            | 220 - 240 V     |
|---------------------------------|-----------------|
| mains frequency                 | 0 / 50 / 60 Hz  |
| power consumption               | 49.95 W         |
| leakage current                 | < 230 µA        |
| in-rush current                 | 23.0 A / 174 µs |
| power factor [                  | 0.98            |
| THD                             | 6%              |
| overvoltage protection          | 320 V AC / 48 h |
| mains surge protection [L-N]    | 1 kV            |
| mains surge protection [L/N-PE] | 2 kV            |

### mounting base + end caps

| material | extruded aluminium base + GRP security end caps |
|----------|---|
| finish   | black texture polyester powder coat + black GRF |

### light module cassette

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

### maximum circuit breaker loads

| conductor size       | 1.5m | m²  | 2.5n | nm² | 1.5 m | m²  | 2.5m | 1m² |
|----------------------|------|-----|------|-----|-------|-----|------|-----|
| circuit breaker type | C10  | C13 | C16  | C20 | B10   | B13 | B16  | B20 |
| luminaire quantity   | 21   | 28  | 35   | 45  | 13    | 17  | 21   | 27  |



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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