

extreme lighting | no boundaries

## 100 eco semi-recessed - SVR100ECO-SRE0500-FXD940100-WHT



standards

AS/NZS 60598.1:2017

ANSI/IES LM-79-19

ANSI/IES LM-80-21

ANSI/IES TM-21-21

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

IEC/EN 62262:2002+A1:2021

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| IK15         | 125 joules impact resistance                                                                                         | <b>country of origin</b><br>Australia |  |  |
|--------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------|--|--|
| IP66         | hermetically sealed light module cassette                                                                            |                                       |  |  |
| AT06         | security torx tamper-proof fasteners                                                                                 |                                       |  |  |
|              |                                                                                                                      | accreditations                        |  |  |
| range        | 100 eco semi-recessed                                                                                                | Australian Made and Owned<br>EESS     |  |  |
| product code | SVR100ECO-SRE0500-FXD940100-WHT                                                                                      | RCM                                   |  |  |
| description  | Extruded aluminium mounting base with durable polyester powder coat<br>finish and impact-resistant GRP security caps |                                       |  |  |
|              | Impact-resistant UV-stabilised high-transmission polycarbonate light<br>module diffuser                              | warranty                              |  |  |
|              | Serviceable replaceable and upgradable light module cassette                                                         | 7-year standard                       |  |  |
|              | Internal socket drive security-torx 304 stainless steel security fasteners                                           | 10-year on application                |  |  |
|              | Integral energy efficient Zhaga compliant Tridonic LED modules and power                                             |                                       |  |  |

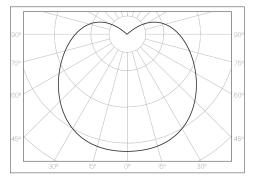
Internal stainless steel wire safety lanyards 1.0 m circular flex connection

Direct-fix or recessed butterfly bracket

supply unit

**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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# 100 eco semi-recessed - SVR100ECO-SRE0500-FXD940100-WHT



## (::) (0)

driver

manufacturer

control interface

dimming range

switch-on time

switch-off time

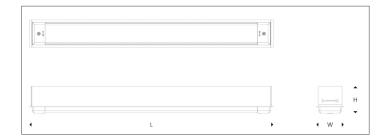
rated lifetime





fixed output

- < 700 ms
- < 30 ms
- > 100,000 h



| light source                  |                   | W - width       | 138                                     |
|-------------------------------|-------------------|-----------------|-----------------------------------------|
| manufacturer                  | Tridonic          | H - height      | 138                                     |
| technology                    | linear LED module | cut-out - 465 L | x 123 W                                 |
| operating mode                | constant current  |                 |                                         |
| delivered lumens              | 1294 lm           |                 |                                         |
| colour rendering index        | 90                | mounting        |                                         |
| correlated colour temperature | 4000 K            | type            | semi-recessed                           |
| colour tolerance              | 3 SDCM            | method          | direct-fix or butterfly bracket         |
| CTI                           | ≥ 600 V           | orientation     | horizontal or vertical burning position |
| lumen maintenance [L80F10]    | > 72,000 h        |                 |                                         |
|                               |                   |                 |                                         |

### electrical

| rated supply voltage            | 220 - 240 V     |
|---------------------------------|-----------------|
| mains frequency                 | 0 / 50 / 60 Hz  |
| power consumption               | 12.49 W         |
| leakage current                 | < 700 µA        |
| in-rush current                 | 13.6 A / 304 µs |
| power factor [                  | 0.86            |
| THD                             | 19%             |
| 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

dimensions [mm]

480

L - length

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

#### light module cassette

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

### maximum circuit breaker loads

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



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