

# 50 eco semi-recessed - SVR050ECO-SRE2100-FXD940100-WHT



warranty

standards

7-year standard

10-year on application

AS/NZS 60598.1:2017

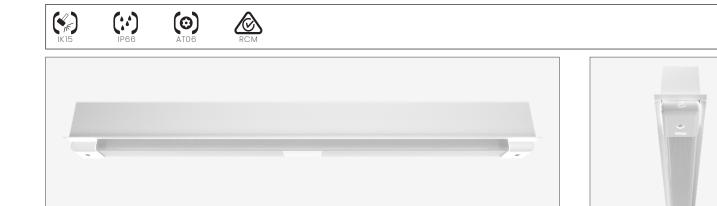
ANSI/IES LM-79-19

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

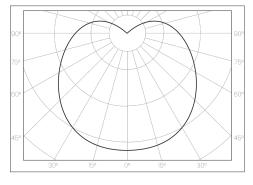


| IK15         | 125 joules impact resistance  | country of origin         |  |  |
|--------------|---|---------------------------|--|--|
| IP66         | hermetically sealed light module cassette                           | Australia                 |  |  |
| A T 0 6      | security torx tamper-proof fasteners                                |                           |  |  |
|              |   | accreditations            |  |  |
|              |   | accreditations            |  |  |
| range        | 50 eco semi-recessed  | Australian Made and Owned |  |  |
|              |   | EESS                      |  |  |
| product code | SVR050ECO-SRE2100-FXD940100-WHT                                     | RCM                       |  |  |
| description  | Extruded aluminium mounting base with durable polyester powder coat |                           |  |  |

Extruded aluminium mounting base with durable polyester powder coat description finish and impact-resistant GRP security caps Impact-resistant UV-stabilised high-transmission polycarbonate light 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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(SURVIVOR)

## 1



manufacturer

control interface

dimming range

switch-on time

switch-off time

rated lifetime

# 50 eco semi-recessed - SVR050ECO-SRE2100-FXD940100-WHT

Tridonic

< 700 ms

< 50 ms

> 100,000 h

fixed output



н г

∙w )

# KIS (IP66 AT06 RCM driver

|   |   | 1.0 |
|---|---|-----|
|   |   |     |
|   |   |     |
| • | L | f   |

dimensions [mm]

|                               |                   | L - length     | 2110                                    |
|-------------------------------|-------------------|----------------|---|
| light source                  |                   | W - width      | 96                                      |
| manufacturer                  | Tridonic          | H - height     | 138                                     |
| technology                    | linear LED module | cut-out - 2095 | 5 L x 81 W                              |
| operating mode                | constant current  |                |   |
| delivered lumens              | 8808 lm           |                |   |
| colour rendering index        | 90                | mounting       |   |
| correlated colour temperature | 4000 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 tottoal zaming position    |
|                               |                   |                |   |

### electrical

| rated supply voltage            | 220 - 240 V     |
|---------------------------------|-----------------|
| mains frequency                 | 0 / 50 / 60 Hz  |
| power consumption               | 87.42 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            |

#### mounting base + end caps

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

### 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   | 10     | 14  | 18                 | 22  | 6      | 8   | 11     | 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