

TSL SERIES

INNOVATIVE STAINLESS STEEL INNO IR LED ILLUMINATOR

SAFE AREA

- **INNOVATIVE PRODUCT, BEST IN CLASS TECHNOLOGY**
- IR LED ILLUMINATOR FOR HARSH ENVIRONMENTS
- AISI316L STAINLESS STEEL CONSTRUCTION
- INFRARED LED TECHNOLOGY, 850NM
- BEAM PATTERNS 15° AND 34°
- IP66/67
- OPTIONAL SUNSHIELD AVAILABLE



TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

| | |
|------------------------------|---|
| Dimensions | See drawings next page |
| Operating Temperature | -60° +60°C (-76°F +140°F) |
| Construction | AISI316L Stainless Steel |
| Finish | Electro-polished |
| Mounting | 2x M6, centre to centre 63.5mm |
| Cable entries | 1x M20 x1,5, nickel plated brass cable glands |
| Weight | Unit: 4.5kg / Package: 7Kg |

ELECTRICAL

| | |
|-------------------------------|---|
| Available voltages | 24VAC/DC, 120VAC, 230VAC (+/-10%) |
| Activation | Open collector/Dry contact/External photocell |
| Output | Output, to provide status feedback |
| STROBO command | To synchronize video signal with FPS duty cycle |
| Temperature protection | Automatic power reduction (>60°C) Automatic switch OFF (>80°C) |
| Power consumption | 25W |

CERTIFICATIONS

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|---------------------------|--|
| Ingress Protection | EN 60529 (IP66/IP67) |
| IK Classification | IK10 on all sides except for the front glass |
| EMC | EN 55032; EN 55035; EN/IEC 61000-3-2; EN/IEC 61000-3-3; EN/IEC 61000-6-2; EN/IEC 61000-6-4; CISPR-32; CISPR-35 |
| LVD | EN/IEC 62368-1 |
| RoHS | 2011/65/EU + 2015/863/EU (RoHS 3) |
| WEEE | 2012/19/EU |

LED ILLUMINATOR

| | |
|----------------------|-------------|
| LED | 14x SMD LED |
| Wavelength | 850nm |
| Beam patterns | 15° or 34° |

MODELS

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|-------------------|--|
| TSL2-15LED | Stainless Steel Infrared LED illuminator, 15 degrees, built in twilight switch, 120VAC |
| TSL3-15LED | Stainless Steel Infrared LED illuminator, 15 degrees, built in twilight switch, 230VAC |
| TSL6-15LED | Stainless Steel Infrared LED illuminator, 15 degrees, built in twilight switch, 24VAC/DC |
| TSL2-34LED | Stainless Steel Infrared LED illuminator, 34 degrees, built in twilight switch, 120VAC |
| TSL3-34LED | Stainless Steel Infrared LED illuminator, 34 degrees, built in twilight switch, 230VAC |
| TSL6-34LED | Stainless Steel Infrared LED illuminator, 34 degrees, built in twilight switch, 24VAC/DC |

Optional sunshield available on request

ACCESSORIES

| | |
|-----------------|--|
| SSBK-S | Wall mounting bracket |
| SSPM-S | Pole mount adapter for SSBK-S |
| SSPTM-S | Top pole mount adapter |
| SSDM-M | Adapter to mount a TSL illuminator and a TSF camera on a single bracket (SSBK-M is required) |
| SSBK-M | Wall mounting bracket for SSDM-M |
| SSPM-M | Pole mount adapter for SSBK-M |
| SAUCL1.5 | 1,5 meters bridge cable, without cable glands, to activate TSL illuminator from TSF camera |

DIMENSIONS

