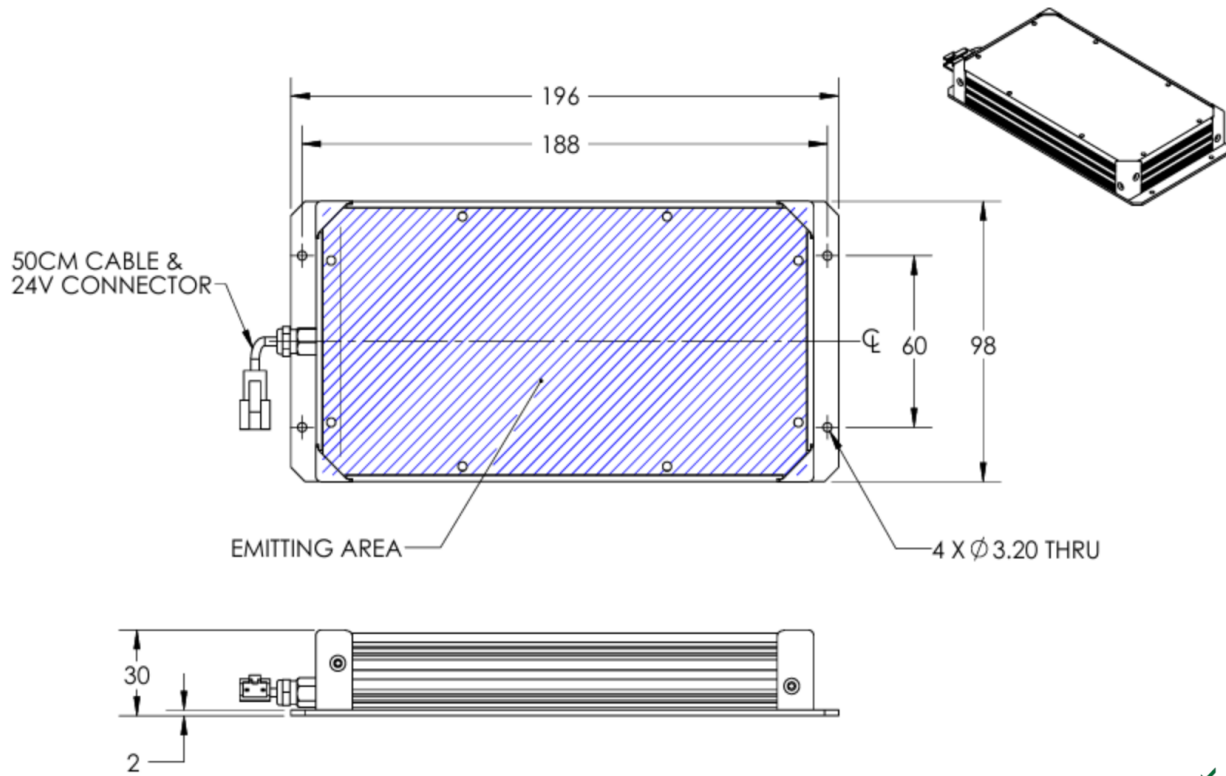


ILLUMINATOR DATA

LT3PVZL80X160-00-X-B-24V

Lighting Dimension

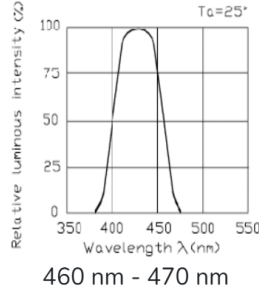


Mechanical Information

| | |
|---------------------------|----------------------|
| Casing Material | Aluminium, Extrusion |
| Storage Temperature Range | 0 - 45°C |
| Storage Humidity Range | 20 - 85% |
| Weight | 100g |
| Width / Inner Diameter | 98mm |
| Length / Outer Diameter | 196mm |
| Height / Thickness | 30mm |

ILLUMINATOR DATA

LT3PVZL80X160-00-X-B-24V

| Lighting Information | | | |
|---|---|------|------|
| LED Color | BLUE | | |
| Wavelength | <div></div> | | |
| Working Distance | 10mm | 20mm | 30mm |
| Intensity (±15%) | 0lx | 0lx | 0lx |
| Illumination (Number of Row) | 0 | | |
| Illumination Active Area | Active Outer Diameter | 160 | |
| | Active Inner Diameter | 80 | |
| Emission Angle | 0° | | |
| Eye Safety Class (IEC62471) | EXEMPT Products with sources, which do not pose any potential photobiological hazard even for the continuous and unrestricted exposure. Example: 8 hours of exposure poses no acute hazard to either eye or skin, and 10,000 seconds (2.8 hours) of the intent starting causes no blue light retinal hazard. | | |
| Chromaticity Table For White Colour Only | | | |

| Electrical Information | |
|---|---|
| Rated Voltage | 24V _(Min) - 24V _(Max) |
| Rated Current | 360mA |
| Power Consumption | 8.640W |
| Casing Temperature, After 60 minutes operation | 60°C |


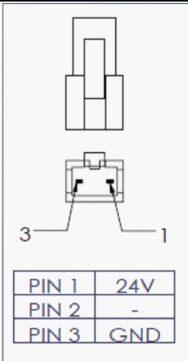
| Strobe Mode Specification | | |
|-------------------------------|-------------|-------------|
| *Normal Strobe Voltage | 24V | |
| *Normal Strobe Current | 360mA | |
| Overdrive Voltage Range | Min: 36V | Max: 48V |
| Overdrive Current Range | Min: 1080mA | Max: 1799mA |
| Recommended Overdrive Voltage | 36V | |
| **Max. Trigger Pulse Duration | 10% | |
| **Max. Duty Cycle | 10msec | |

*Normal strobe means the lighting is operated using the rated power. Overdrive means the power supplied to the lighting exceeded the rated power.

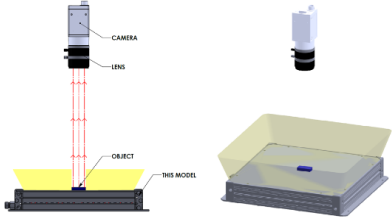
**Overdrive condition must not exceed the max. trigger pulse duration and max. duty cycle.

ILLUMINATOR DATA

LT3PVZL80X160-00-X-B-24V

| Connection Information | | | | | | | | |
|------------------------|---|--------|---------------|-------|-----|-------|---|-------|
| Connector Type | JST SMR-03V-B | | | | | | | |
| Cable Length | 500mm | | | | | | | |
| Pin Configuration | Pin | Signal | Cable Color | | | | | |
| | 1 | 24V | RED | | | | | |
| | 2 | - | - | | | | | |
| | 3 | GND | WHITE / BLACK | | | | | |
| | <div></div> <div><table><tr><td>PIN 1</td><td>24V</td></tr><tr><td>PIN 2</td><td>-</td></tr><tr><td>PIN 3</td><td>GND</td></tr></table></div> | | | PIN 1 | 24V | PIN 2 | - | PIN 3 |
| PIN 1 | 24V | | | | | | | |
| PIN 2 | - | | | | | | | |
| PIN 3 | GND | | | | | | | |

| Additional Information | |
|--------------------------------|--|
| Additional Cooling Method | Attached to machine part for better heat dissipation |
| Intensity Controller Selection | LTIC series |
| CE Conformity | YES |
| RoHS Compliance | YES |

| Application | |
|-------------------|--|
| Illumination Type | Backlight Illumination |
| Application Use | <ul style="list-style-type: none"> • Edge Detection • Lead Frame Inspection • Shape Recognition • Size Measurement  |

ILLUMINATOR DATA

LT3PVZL80X160-00-X-B-24V

| Lighting Pattern | | | | |
|-------------------|--|------------|----------|------------|
| Working Distance | For further details, please contact us | | | |
| Display and Image | For further details, please contact us | | | |
| Data Results | Horizontal | Meas. (mm) | Vertical | Meas. (mm) |
| | 90% | N.A. | 90% | N.A. |
| | 90% | N.A. | 90% | N.A. |
| | 80% | N.A. | 80% | N.A. |
| | 70% | N.A. | 70% | N.A. |
| | 60% | N.A. | 60% | N.A. |
| | 50% | N.A. | 50% | N.A. |
| | 40% | N.A. | 40% | N.A. |
| | 30% | N.A. | 30% | N.A. |
| | 20% | N.A. | 20% | N.A. |
| | 10% | N.A. | 10% | N.A. |