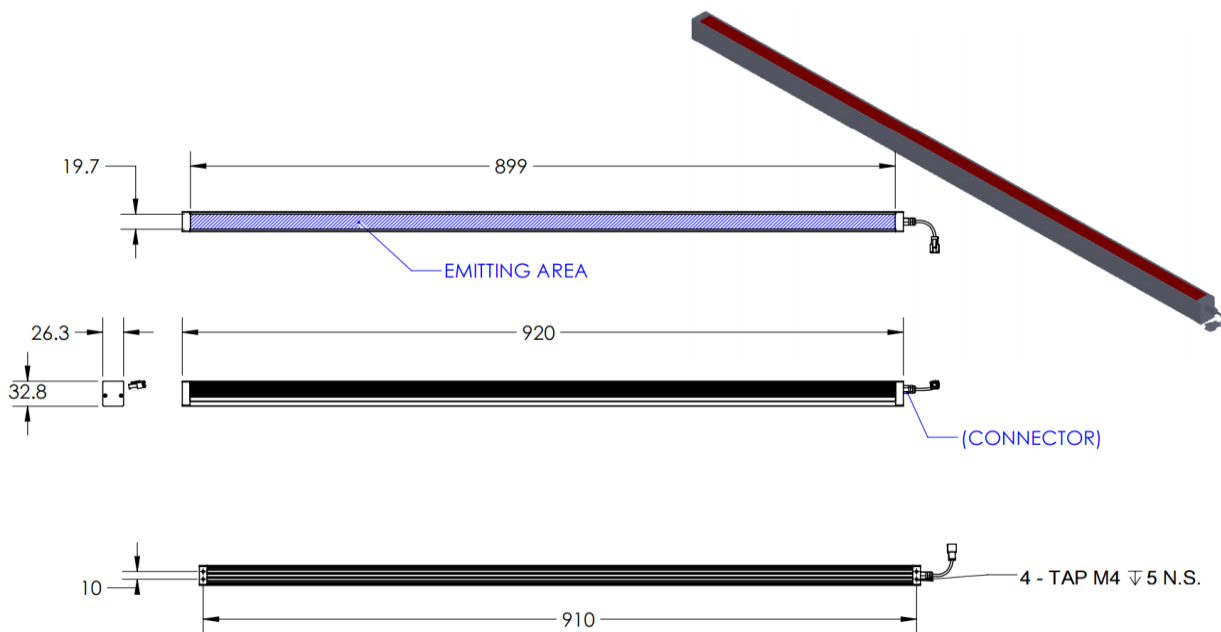




ILLUMINATOR DATA-ID

LBL3-00-900-3-W-24V

Lighting Dimension




| Mechanical Information | |
|---------------------------|------------------------------|
| Casing Material | Aluminium |
| Storage Temperature Range | Temp 0-45°C, Humidity 20-85% |
| Weight | 810 g |
| Length / Outer Diameter | 920 mm |
| Width / Inner Diameter | 26.3 mm |
| Thickness / Height | 32.8 mm |



ILLUMINATOR DATA-ID

LBL3-00-900-3-W-24V

| Optical Information | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------|--------|-------------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|---|-------|-------|-------|-------|
| Part Number | LBL3-00-900-3-W-24V | | | | | | | | | | | | | | | | | | | | |
| LED Color | WHITE | | | | | | | | | | | | | | | | | | | | |
| Wavelength | (nm) * Refer to the Chromaticity Table Below | | | | | | | | | | | | | | | | | | | | |
| Intensity (±15%) | (Lux) | | | | | | | | | | | | | | | | | | | | |
| Working Distance | (mm) 10 20 30 | | | | | | | | | | | | | | | | | | | | |
| Illumination (number of row) | 3 | | | | | | | | | | | | | | | | | | | | |
| Illumination Active Area | | | | | | | | | | | | | | | | | | | | | |
| Active Length / Outer Diameter | (mm) 899 | | | | | | | | | | | | | | | | | | | | |
| Active Width / Inner Diameter | (mm) 19.7 | | | | | | | | | | | | | | | | | | | | |
| Emission angle | (deg.) 0 | | | | | | | | | | | | | | | | | | | | |
| Eye Safety Class (IEC62471) | EXEMPT | | | | | | | | | | | | | | | | | | | | |
| *CHROMATICITY TABLE | <table border="1"> <tbody> <tr> <td>X</td> <td>0.296</td> <td>0.287</td> <td>0.307</td> <td>0.311</td> <td>X</td> <td>0.311</td> <td>0.307</td> <td>0.33</td> <td>0.33</td> </tr> <tr> <td>Y</td> <td>0.276</td> <td>0.295</td> <td>0.315</td> <td>0.294</td> <td>Y</td> <td>0.294</td> <td>0.315</td> <td>0.339</td> <td>0.318</td> </tr> </tbody> </table> | X | 0.296 | 0.287 | 0.307 | 0.311 | X | 0.311 | 0.307 | 0.33 | 0.33 | Y | 0.276 | 0.295 | 0.315 | 0.294 | Y | 0.294 | 0.315 | 0.339 | 0.318 |
| X | 0.296 | 0.287 | 0.307 | 0.311 | X | 0.311 | 0.307 | 0.33 | 0.33 | | | | | | | | | | | | |
| Y | 0.276 | 0.295 | 0.315 | 0.294 | Y | 0.294 | 0.315 | 0.339 | 0.318 | | | | | | | | | | | | |
| Electrical Information | | | | | | | | | | | | | | | | | | | | | |
| Lighting Supply Voltage (constant voltage mode) | 24V ± 2% | | | | | | | | | | | | | | | | | | | | |
| Continuous Current | (mA) 1350 | | | | | | | | | | | | | | | | | | | | |
| Power Consumption | (W) 32.4 | | | | | | | | | | | | | | | | | | | | |
| Lighting casing temperature, Operating after 60 minutes | °C | | | | | | | | | | | | | | | | | | | | |
| Strobe Mode Specification | | | | | | | | | | | | | | | | | | | | | |
| Pulse Operation | YES | | | | | | | | | | | | | | | | | | | | |
| Max. Lighting Supply Voltage (Constant voltage power supply) | (V) Pulsing at 24VDC to 48VDC, 0-10% Duty Cycle, Recommended at 36VDC | | | | | | | | | | | | | | | | | | | | |
| Pulse Current, (Max. 10msec) (Constant current power supply) | (mA) 4050 | | | | | | | | | | | | | | | | | | | | |
| Max. Trigger Pulse Duration | (msec) 10 | | | | | | | | | | | | | | | | | | | | |
| Duty Cycle | 0-10% | | | | | | | | | | | | | | | | | | | | |
| Additional Information | | | | | | | | | | | | | | | | | | | | | |
| Additional Cooling Method | Attached to machine part for better heat dissipation | | | | | | | | | | | | | | | | | | | | |
| Intensity Controller Selection | ANG, SD, ST & SDA Series | | | | | | | | | | | | | | | | | | | | |
| CE Conformity | YES | | | | | | | | | | | | | | | | | | | | |
| RoHS Compliance | YES | | | | | | | | | | | | | | | | | | | | |
| Connection | | | | | | | | | | | | | | | | | | | | | |
| Connector Type (Default): | JST SMR-03V | | | | | | | | | | | | | | | | | | | | |
| Cable Length out from lighting : | (mm) 500 | | | | | | | | | | | | | | | | | | | | |
| Pin Configuration : | <table border="1"> <thead> <tr> <th>Pin</th> <th>Signal</th> <th>Cable Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>LED +</td> <td>RED</td> </tr> <tr> <td>2</td> <td>N.C.</td> <td>---</td> </tr> <tr> <td>3</td> <td>LED -</td> <td>WHITE</td> </tr> </tbody> </table> | Pin | Signal | Cable Color | 1 | LED + | RED | 2 | N.C. | --- | 3 | LED - | WHITE | | | | | | | | |
| Pin | Signal | Cable Color | | | | | | | | | | | | | | | | | | | |
| 1 | LED + | RED | | | | | | | | | | | | | | | | | | | |
| 2 | N.C. | --- | | | | | | | | | | | | | | | | | | | |
| 3 | LED - | WHITE | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | |
| Application | | | | | | | | | | | | | | | | | | | | | |
| Illumination Type | Direct Illumination | | | | | | | | | | | | | | | | | | | | |
| Applicattion Use | General illumination, label inspection, character inspection, code recognition. | | | | | | | | | | | | | | | | | | | | |



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