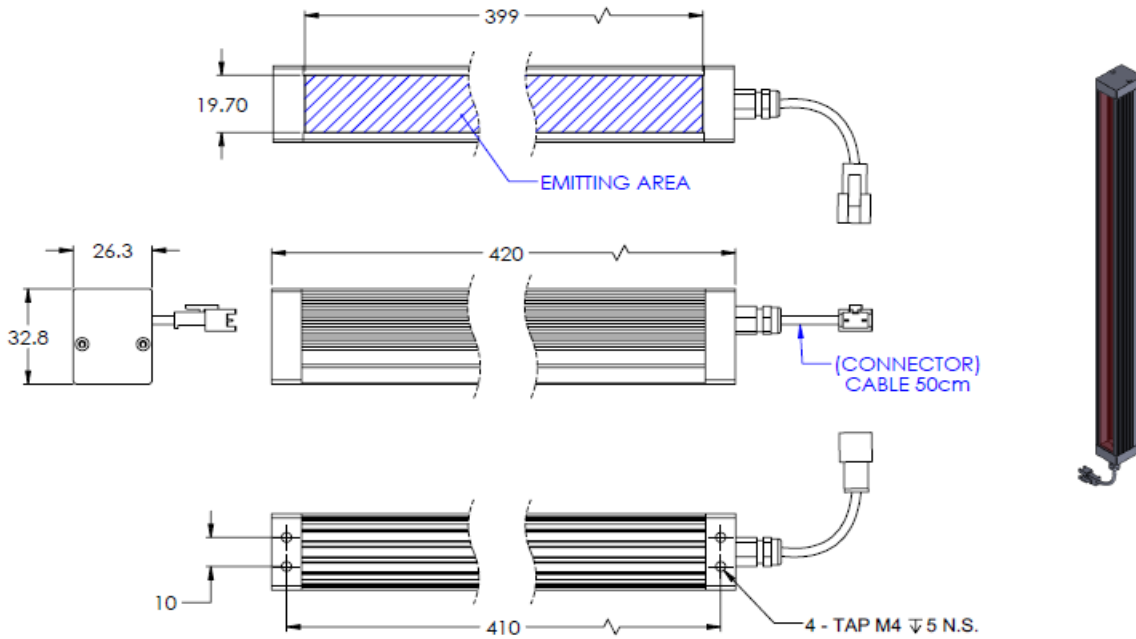




# ILLUMINATOR DATA-ID

## LBL3-00-400-X-G-24V

### Lighting Dimension




| Mechanical Information    |                              |
|---------------------------|------------------------------|
| Casing Material           | Aluminium                    |
| Storage Temperature Range | Temp 0-45°C, Humidity 20-85% |
| Weight                    | 450 g                        |
| Length / Outer Diameter   | 420 mm                       |
| Width / Inner Diameter    | 26.3 mm                      |
| Thickness / Height        | 32.8 mm                      |



# ILLUMINATOR DATA-ID

## LBL3-00-400-X-G-24V

| Optical Information  |   |   |        |             |
|--|---|---|--------|-------------|
| Part Number  | LBL3-00-400-X-G-24V   |   |        |             |
| LED Color  | GREEN   |   |        |             |
| Wavelength   | (nm)  | 525   |        |             |
| Intensity (±15%)   | (Lux)   | TBA   | TBA    | TBA         |
| Working Distance   | (mm)  | 10  | 20     | 30          |
| Illumination (number of row)   | X   |   |        |             |
| Illumination Active Area   |   |   |        |             |
| Active Length / Outer Diameter   | (mm)  | 399   |        |             |
| Active Width / Inner Diameter  | (mm)  | 19.7  |        |             |
| Emission angle   | (deg.)  | 0   |        |             |
| Eye Safety Class ( IEC62471 )  | EXEMPT  |   |        |             |
| Electrical Information   |   |   |        |             |
| Lighting Supply Voltage<br>(constant voltage mode)                                   | 24V ± 2%  |   |        |             |
| Continuous Current   | (mA)  | 600   |        |             |
| Power Consumption  | (W)   | 14.4  |        |             |
| Lighting casing temperature,<br>Operating after 60 minutes                           | °C  | TBA   |        |             |
| Strobe Mode Specification  |   |   |        |             |
| Pulse Operation  | YES   |   |        |             |
| Max. Lighting Supply Voltage<br>(Constant voltage power supply)                      | (V)   | Pulsing at 24VDC to 48VDC, 0-10% Duty Cycle<br>Recommended at 36VDC |        |             |
| Pulse Current, (Max. 10msec)<br>(Constant current power supply)                      | (mA)  | 1800  |        |             |
| 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, ST, SD and SDA Series                                  |   |        |             |
| CE Conformity  | YES   |   |        |             |
| RoHS Compliance  | YES   |   |        |             |
| Connection   |   |   |        |             |
| Connector Type (Default):  | JST SMR-03V   |   |        |             |
| Cable Length out from lighting :   | (mm)  | 500   |        |             |
| Pin Configuration :  |   | Pin   | Signal | Cable Color |
|  |   | 1   | LED +  | RED         |
|  |   | 2   | N.C.   | ---         |
|  |   | 3   | LED -  | WHITE       |
|  |   |   |        |             |
| Application  |   |   |        |             |
| Illumination Type  | Backlight Illumination                                      |   |        |             |
| Applicattion Use   | Lead frame inspection, shape recognition, size measurement. |   |        |             |



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