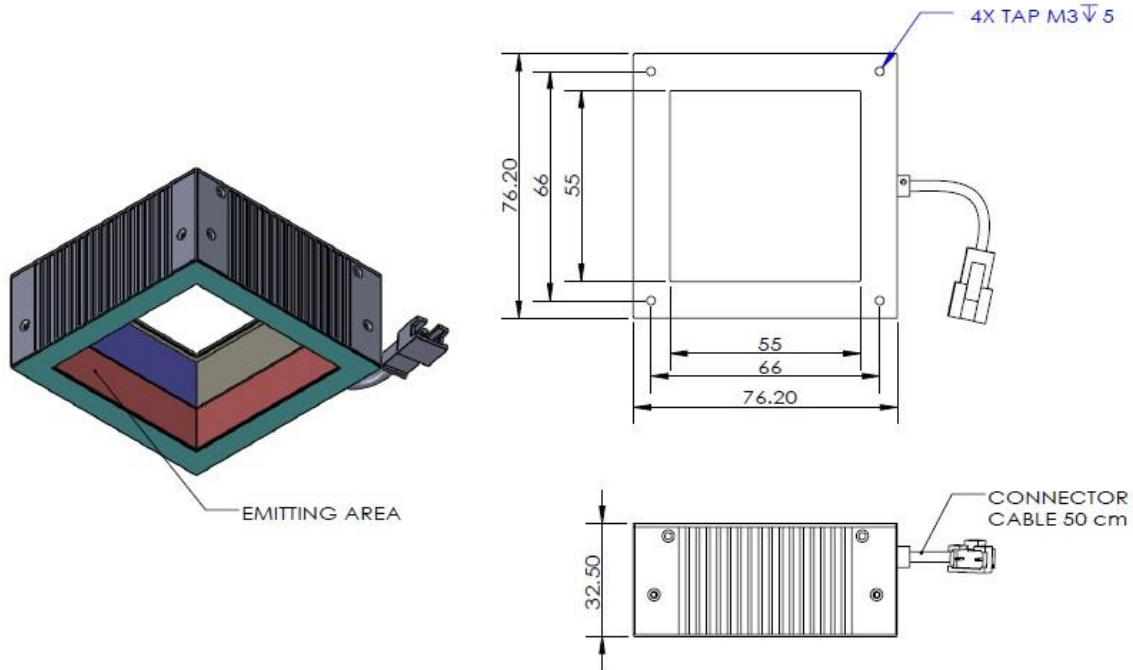




ILLUMINATOR DATA-ID

DLF2-90-070-1-R-24V

Lighting Dimension




| Mechanical Information | |
|---------------------------|------------------------------|
| Casing Material | Aluminium |
| Storage Temperature Range | Temp 0-45°C, Humidity 20-85% |
| Weight | 160 g |
| Length / Outer Diameter | 76.2 |
| Width / Inner Diameter | 55 |
| Thickness / Height | 32.5 |



ILLUMINATOR DATA-ID

DLF2-90-070-1-R-24V

| Optical Information | | | |
|--|--|---|-------------|
| Part Number | DLF2-90-070-1-R-24V | | |
| LED Color | RED | | |
| Wavelength | (nm) | 630 | |
| Intensity (±15%) | (Lux) | 3160 | 3250 |
| Working Distance | (mm) | 46 | 56 |
| Illumination (number of row) | 1 | | |
| Illumination Active Area | | | |
| Active Length / Outer Diameter | (mm) | 73.7 | |
| Active Width / Inner Diameter | (mm) | 55 | |
| Emission angle | (deg.) | 90 | |
| Eye Safety Class (IEC62471) | EXEMPT | | |
| Electrical Information | | | |
| Lighting Supply Voltage (constant voltage mode) | 24V ± 2% | | |
| Continuous Current | (mA) | 120 | |
| Power Consumption | (W) | 2.88 | |
| Lighting casing temperature, Operating after 60 minutes | °C | 42 | |
| 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) | 360 | |
| 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 | Diffused Illumination | | |
| Applicattion Use | BGA ball inspection and QFP lead inspection | | |



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