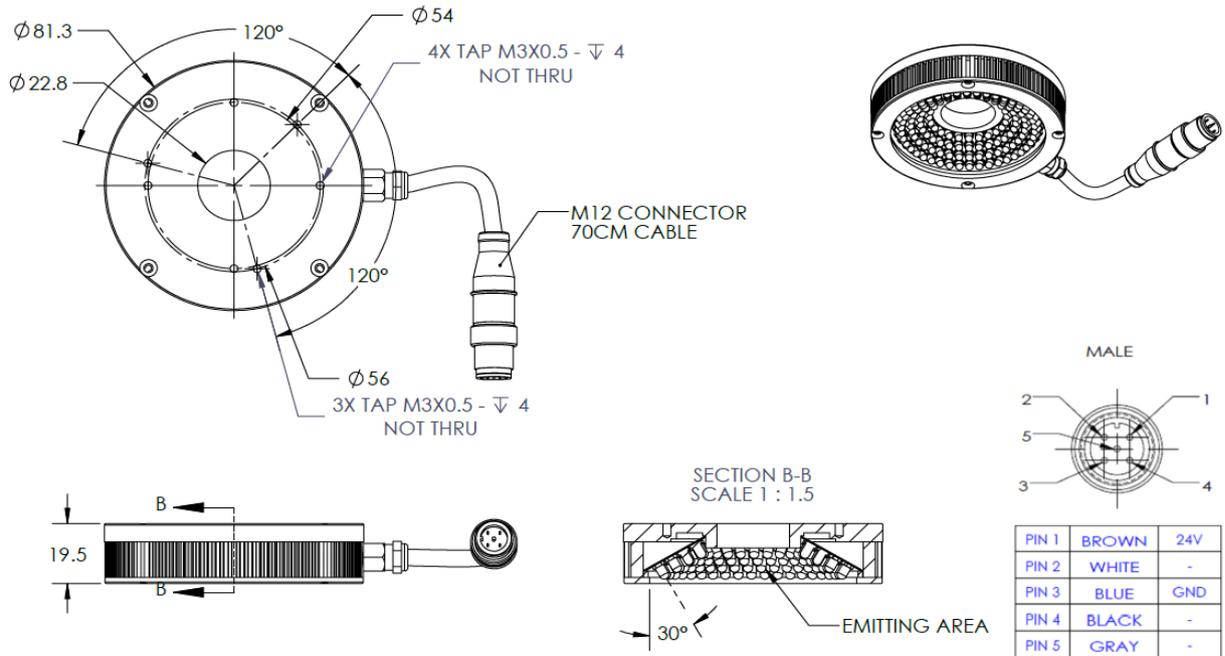


MLSW-30-080-4-B-24V

Lighting Dimension



| Mechanical Information | |
|---------------------------------------|--------------------------------|
| Casing Material | Aluminium |
| Storage & Operating Temperature Range | Temp 0 - 45°C, Humidity 20-85% |
| Weight | 169 g |
| Length / Outer Diameter | 81.3 mm |
| Width / Inner Diameter | 22.8 mm |
| Thickness / Height | 19.5 mm |



MLSW-30-080-4-B-24V

| Optical Information | | | |
|---|---|---|------------------|
| Part Number | MLSW-30-080-4-B-24V | | |
| LED Colour | BLUE | | |
| Wavelength | (nm) | 470 | |
| Intensity (±15%) | (Lux) | 40800 | 34800 24500 |
| Working Distance | (mm) | 24 | 35 46 |
| Illumination (number of rows) | 4 | | |
| Illumination Active Area | | | |
| Active Length / Outer Diameter | (mm) | 65 | |
| Active Width / Inner Diameter | (mm) | 29.8 | |
| Emission Angle | (deg.) | 30 | |
| Eye Safety Class (IEC62471) | EXEMPT | | |
| *CHROMATICITY TABLE | | | |
| | | | |
| Electrical Information | | | |
| Lighting Supply Voltage (constant voltage mode) | 24V ± 2% | | |
| Continuous Current | (mA) | 264 | |
| Power Consumption | (W) | 6.336 | |
| Lighting Casing Temperature, Operating after 60 minutes | °C | 54.8 | |
| | | | |
| 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. 10 msec) (constant current power supply) | (mA) | 792 | |
| 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 | SD and SDA Series | | |
| CE Conformity | YES | | |
| RoHS Compliance | YES | | |
| | | | |
| Connection | | | |
| Connector Type (default) | M12 5 PIN CONNECTOR (MALE) | | |
| Cable Length (out from lighting) | (mm) | 700 | |
| Pin Configuration | Pin | Signal | Cable Colour |
| | 1 | 24V | BROWN |
| | 2 | - | WHITE |
| | 3 | GND | BLUE |
| | 4 | - | BLACK |
| | 5 | - | GRAY |
| | | | |
| | | | |
| Extension Cable | | | |
| Connector Type (default) | M12 5 PIN CONNECTOR (FEMALE) | | |
| Part Number | EXT-FL-M12F-3M-24V | | |
| Cable Length (out from female connector) | (mm) | 3000 | |
| Extension Cable (connect to M12 5 Pin Male Connector from lighting) | | | |
| | | | |
| Application | | | |
| Illumination Type | Direct Illumination | | |
| Application Use | Substrate inspection, label inspection, flat surface, fiducially recognition. | | |