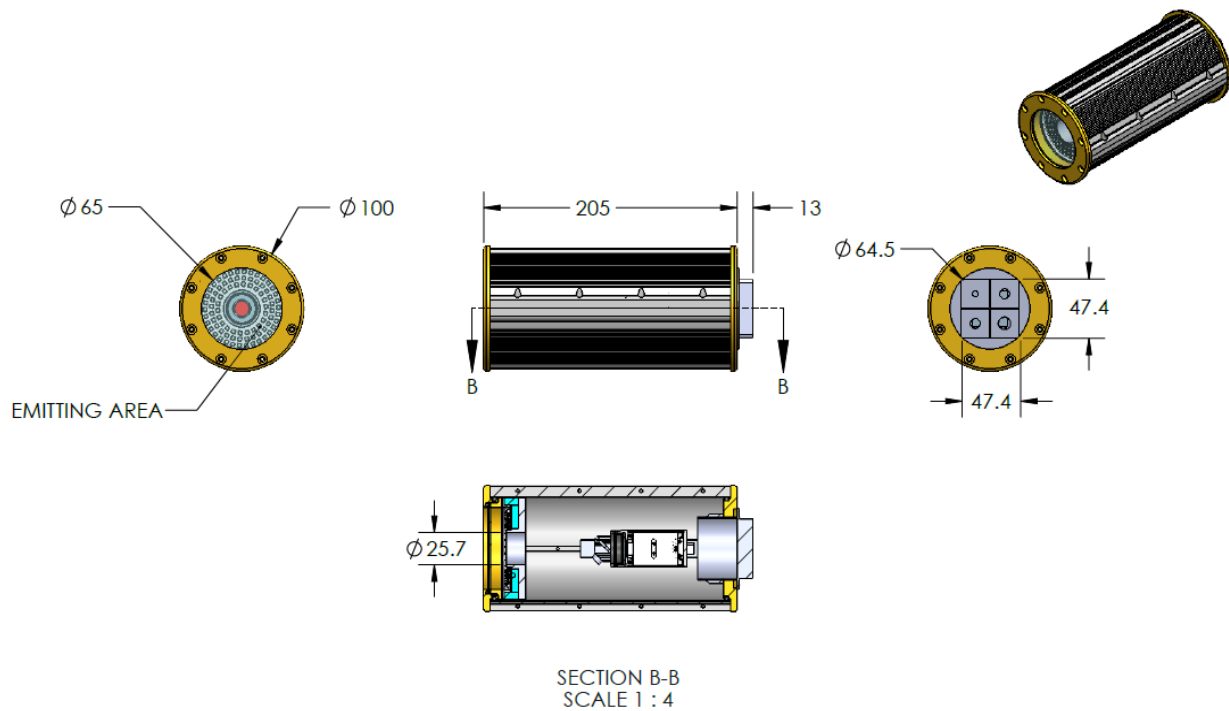


IPE-100X180-HLW-00-1-W-XXX-XXXX-X

Lighting Dimension



| Mechanical Information | |
|---------------------------------------|--------------------------------|
| Casing Material | Aluminium |
| Storage & Operating Temperature Range | Temp 0 - 45°C, Humidity 20-85% |
| Weight | TBA |
| Length / Outer Diameter | 100 mm |
| Width / Inner Diameter | 28.8 |
| Thickness / Height | 218 mm |



IPE-100X180-HLW-00-1-W-XXX-XXXX-X

| Optical Information | | | | | | | | | | | |
|---|--------|--|--------|-------|-------|-------|--------------|-------|-------|-------|-------|
| Part Number | | IPE-100X180-HLW-00-1-W-XXX-XXXX-X | | | | | | | | | |
| LED Colour | | WHITE | | | | | | | | | |
| Wavelength | (nm) | *Refer to Chromaticity Table below | | | | | | | | | |
| Intensity (±15%) | (Lux) | TBA | | TBA | | TBA | | | | | |
| Working Distance | (mm) | 64 | | 69 | | 74 | | | | | |
| Illumination (number of rows) | | 1 | | | | | | | | | |
| Illumination Active Area | | | | | | | | | | | |
| Active Length / Outer Diameter | (mm) | 65 | | | | | | | | | |
| Active Width / Inner Diameter | (mm) | 39.3 | | | | | | | | | |
| Emission Angle | (deg.) | 0 | | | | | | | | | |
| Eye Safety Class (IEC62471) | | II | | | | | | | | | |
| | | *CHROMATICITY 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 |
| Electrical Information | | | | | | | | | | | |
| Lighting Supply Voltage (constant voltage mode) | | 24V ± 2% | | | | | | | | | |
| Continuous Current | (mA) | 240 | | | | | | | | | |
| Power Consumption | (W) | 5.76 | | | | | | | | | |
| Lighting Casing Temperature, Operating after 60 minutes | °C | TBA | | | | | | | | | |
| | | | | | | | | | | | |
| 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) | 720 | | | | | | | | | |
| 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, SDA and ST 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 | | | | | | | | | |