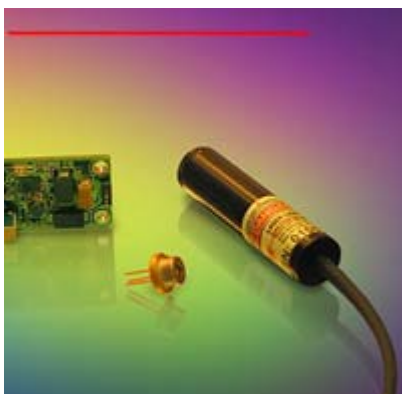


# UHL Series Uniform Laser Line Module

Part No: UHL5-35G-660-60-UNI



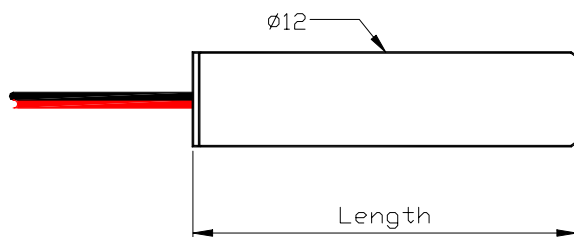
## Product Features

- High Stability and low noise
- Uniform beam
- Reverse Polarity Protection
- Custom Options Available

## Application

- Measurement
- Machine Vision
- Bioanalytical
- Alignment

## Mechanical Drawing



## Specification

### OPTICAL

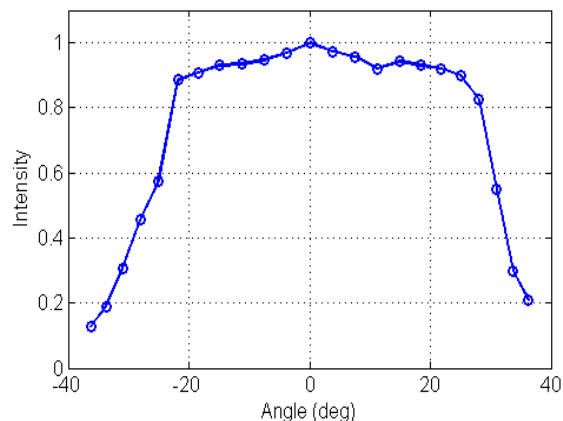
Wavelength	660 nm
Optical Output Power	35 mW
Stability	<1%
Laser Class	Class IIIa
Laser Line Fan Angle	60 degree
Noise (20MHz Bandwidth)	<0.5% RMS
Laser Operation	Continuous
Laser Structure	Single Mode Laser
Line Thickness	Adjustable
Minimum Line Thickness	<1mm up to 2 meter
Pointing Stability	<50μrad

### ELECTRICAL

Operating Voltage <sup>1</sup>	3.5 to 5 VDC
Operating Current	<200 mA
Electrical Connections	+Red, -Black

### MECHANICAL

Dimension (Dia * Length)	12 mm * 75mm
Cable	200mm
Operating Temperature	-10°C to +50°C
Storage Temperature	-40°C to +80°C
Heat Sink Requirements	Recommended



**Operational Hazard-Semiconductor Laser Diode Module:** This laser module emits radiation that is visible and harmful to human eye. When in use, do not look directly into the laser emitting aperture. Direct viewing of laser diode emission at close range may cause eye damage.

**Limited Warranty:** One year. No warranty coverage for disassembly, modifications or damage due to abuse or misapplication.

## World Star Tech.

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