

# IL Series Red Laser Module

Part No: IL-2001-850-L

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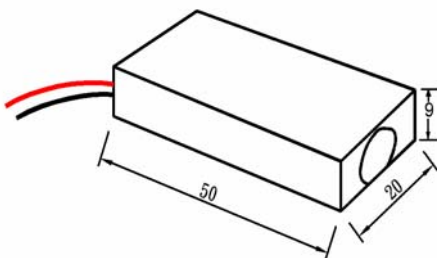


## Specification

Wavelength ( $\lambda$ )	: 850nm.
Operating Voltage (Vop)	: DC5V.
Operating current (Iop)	: 80mA.
Optical Output Power (After Lens)	: 30mW
Lens	: Glass.
Cylinder lens	: PMMA.
Laser Pattern	: Line.
Laser Operation (Mode)	: Continuous (CW).
Laser Structure	: Single Mode Laser.
Power Stability	: <1%.
Wavelength Drift	: 0.2nm/°C.
Laser Class	: Class II, Class IIIA.
Control Circuit	: Auto Power Control.
Operating Temperature	: -10°C ~+50°C.
Storage Temperature	: -40°C ~+80°C.
Electrical Connections	: +Red, -Black.
Cable	: 22 cm
Dimension (mm)	: 50 (L) X 20(W) X 9(H)
Housing Material	: Aluminum.

## Application

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### 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.

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