



## LDM-878.6-60

### Typical Device Performance (20°C)

Optical	unit	Typical Value
CW Output Power	W	60
CW Output Power	nm	878.6±0.5
Spectral Width (90% of Power)	nm	<0.5
Wavelength Shift with Temperature	nm / °C	0.02
Wavelength Shift with Current	nm / A	0.05
Feedback Protection (1030-1100nm)	dB	>40
Electrical		
Threshold Current	A	1.0
Operating Current	A	8
Operating Voltage	V	16.5
Slope Efficiency	W / A	8.2
Power Conversion Efficiency	%	44
Fiber*		
Fiber Core Diameter	m	200
Fiber Cladding Diameter	m	220
Fiber Buffer Diameter	m	500
Numerical Aperture	-	0.22
Fiber Length	m	1.0
Fiber Connector	-	SMA905

\* Customized fiber and connector available.

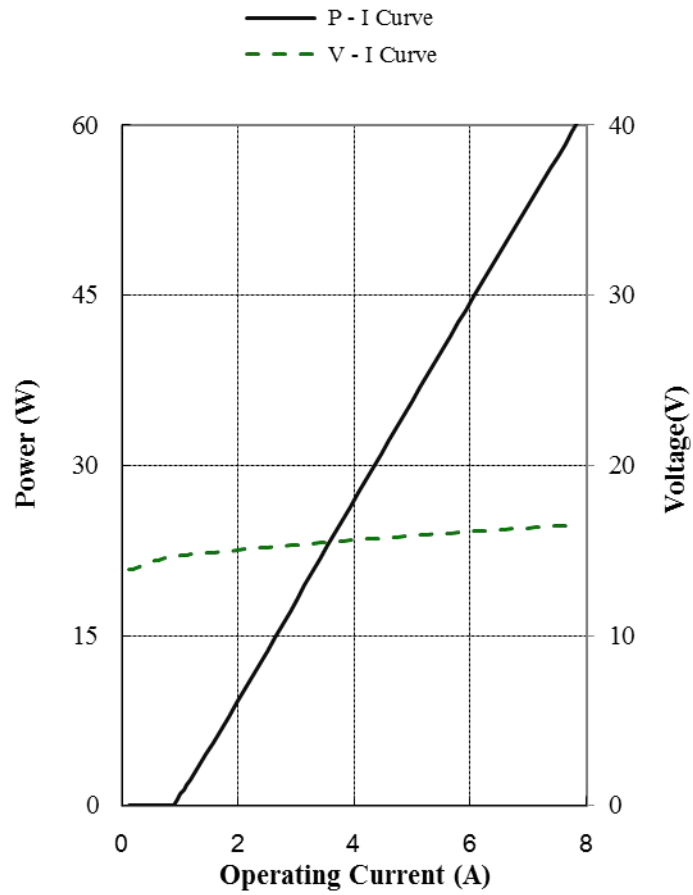
### Absolute Ratings

	Unit	Min	Max
Operating Temperature	°C	10	40
Operating Relative Humidity	%	-	75
Storage Temperature	°C	-20	80
Storage Relative Humidity	%	-	90
Lead Soldering Temperature, 10s max	°C	-	250

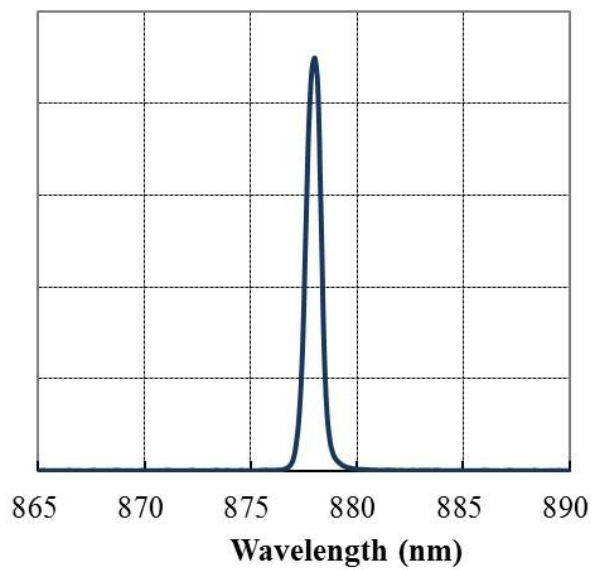
Addr: No.888 Jinhua Road High-tech Zone, Changchun 130103, P.R.China

Contact: sales@cnlaser.com International Tel: +86-431-85603799 Fax: +86-431-87020258

## Characteristics of 878.6nm-60W laser diode module (25°C)



## Typical spectrum of 878.6nm-60W laser diode module (25°C)

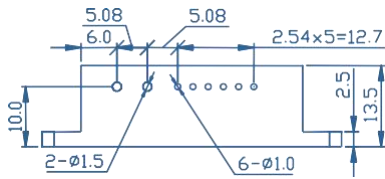


---

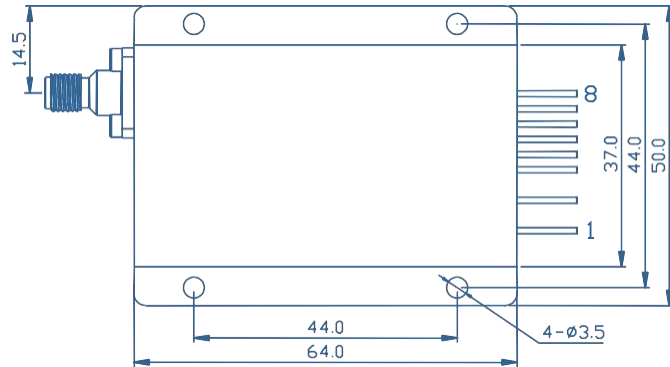
Addr: No.888 Jinhua Road High-tech Zone, Changchun 130103, P.R.China

Contact: sales@cnlaser.com International Tel: +86-431-85603799 Fax: +86-431-87020258

## Package Dimensions (mm)



Pin	Function
1	LD (+)
2	LD (-)



Addr: No.888 Jinhua Road High-tech Zone, Changchun 130103, P.R.China

Contact: sales@cnlaser.com International Tel: +86-431-85603799 Fax: +86-431-87020258