



LDM-808-60

Typical Device Performance (25°C)

Optical	Unit	Typical Value
CW Output Power	W	60
Center Wavelength	nm	808±3
Wavelength Shift with Temperature	nm / °C	0.3
Electrical		
Threshold Current	A	1.8
Operating Current	A	9.5
Operating Voltage	V	12.6
Slope Efficiency	W / A	7.3
Power Conversion Efficiency	%	50
Fiber		
Fiber Core Diameter	μm	400
Fiber Cladding Diameter	μm	440
Fiber Buffer Diameter	μm	700
Numerical Aperture	-	0.22
Fiber Length	m	1.0
Fiber Connector	-	SMA905

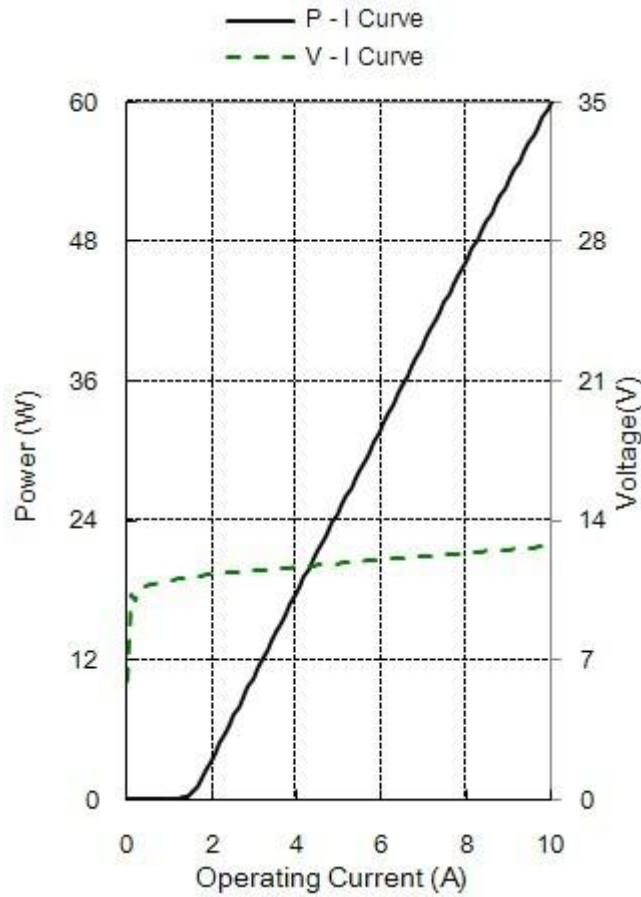
Absolute Ratings

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

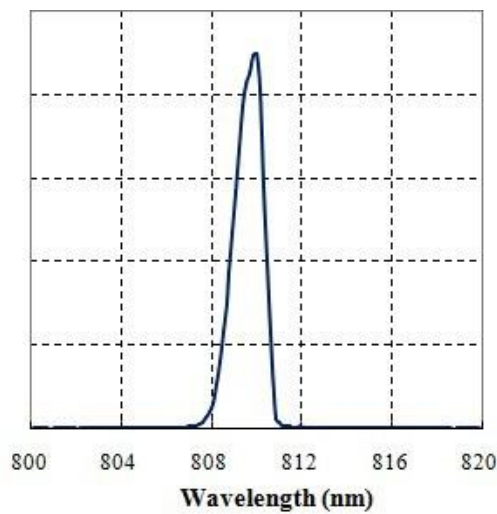
Addr: No.888 Jinhu Road High-tech Zone, Changchun 130103, P.R.China

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

Characteristics of 808nm-60W laser diode module (25°C)



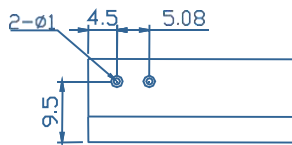
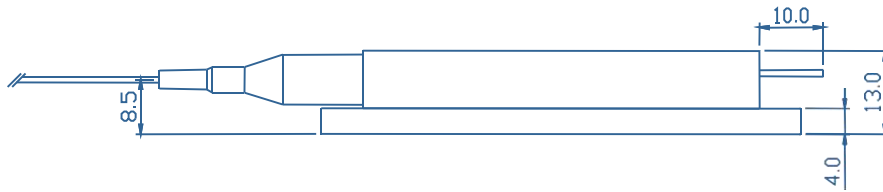
Typ. spectrum of 808nm-60W laser diode module (25°C)



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)



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

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