

445nm~450nm 20W Fiber Coupled Laser Diode (LD) Module with HHL Package | 450nm Blue Laser Module
440nm~455nm | 20W Output Power| With 400um Multi-mode Fiber| Built-in TEC Cooler Optional
WSLX-445-020-400M-H **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

PARAMETER	SYMBOL	VALUE	UNIT
MAX Reverse Current	V_r	80	mA
Operating Temperature	T_{op}	0~ +60	°C
Storage Temperature	T_{stg}	-40~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 445nm
- 20W Output Power
- Built-in TEC Cooler Optional
- Built-in Photodiode Optional
- Stainless Steel Armor Optional

Applications:

- Medical Laser Treatment
- Laser Show
- Others



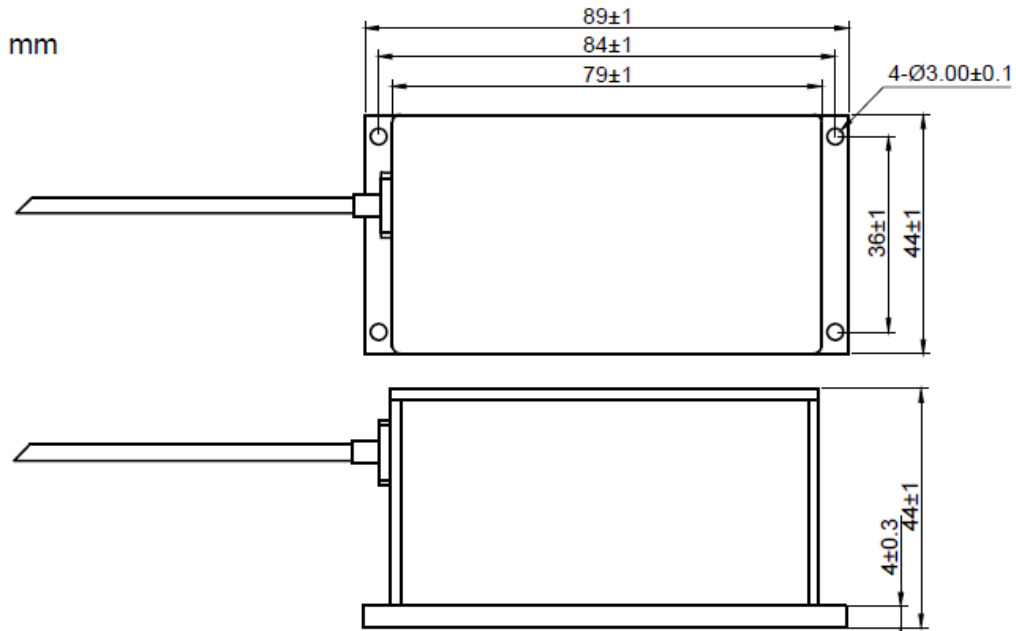
Specifications

WSLX-445-020-400M-H

	Min.	Type	Max.
Center Wavelength@25°C	445nm±15nm		
Spectral Width (FWHM)	----	8nm	----
Output Power	----	20W	----
Temperature Coefficient of Wavelength	----	0.25nm / °C	----
Threshold Current (Typ.)	----	0.3A	0.5A
Operating Current (Typ.)	----	3.0A	3.3A
Operating Voltage	----	36V	44V
Fiber Core Diameter	400um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	SMA905/ST/FC		
Package	P5 Package		



P5 Package View



Wavespectrum offer **Customized** 445nm Fiber Coupled LD.

Please let me know your special request:

- Customized Output Power
- Customized Fiber
- Customized Fiber Connector

Contact us with info@wavespectrum-laser.com

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

