

# CDLR-BL-120

## Blue Fiber laser



### Features & Benefits

- 450 nm blue wavelength – processing of highly reflective material without back reflection
- Output power: 120 W
- Good beam quality – offers precision and control

### Applications

- Processing of highly reflective materials
- Laser welding
- Additive manufacturing
- Scientific

### Specifications

#### Optical

Mode of Operation	CW
Polarization	Random
Operating Wavelength (nm)	450
Nominal Output Power (W)	120
Fiber Core Diameter (µm)	200
Output Power Tuning Range (%)	10 - 100

#### Electrical

Operating Voltage (VAC)	220 - 240
Frequency (Hz)	50/60
Power Consumption (W)	1000
Control Mode	RS-232/Analog

#### Mechanical & Environmental

Dimensions (W x D x H mm)	266 x 385 x 133
Output Fiber Length (m)	5
Minimum Flow Rate (L/min)	2.0
Water Pressure (MPa)	0.3
Water Quality	RO/DI/DH <sub>2</sub> O
Cooling Method	Air Cooled

Manufactured under ISO 9001:2015 certified quality system.  
All specifications are subject to change without notice. Reference: 100-70-0010.R1