



- ◆ 200W/400W Output
- ◆ Low Divergence, High Stability
- ◆ Diode pumped, QCW, Water-Cooled

System Specifications		QIRL1064-200	QIRL1064-400
Wavelength		1064nm	1064nm
Output Power		200W	400W
Beam Diameter ¹		4 mm	5 mm
Transverse mode		Multi-mode	Multi-mode
Beam Quality (M^2)		$M^2 \leq 15$	$M^2 \leq 25$
Beam divergence ²		≤ 5.0 mrad	≤ 10 mrad
Point stability ³		< 50 mrad	< 50 mrad
Polarization ratio		Random	Random
Power stability ⁴		5% @ 4 hours	5% @ 4 hours
Warm-up time		5minutes	5minutes
Expected lifetime		10000 hours	10000 hours
Warranty time		2 years	2 years
Operating temperature		10-35°C	10-35°C
Power supply		200-260VAC or 100-120VAC	200-260VAC or 100-120VAC
Power Consumption		≤ 2000 W	≤ 3000 W
Fiber coupled interface(Optional)		SMA 905 (400/600um)	SMA 905 (400/600um)
Fiber length		3m or 5m	3m or 5m
Control Interface	Laser power control	0-5V Analog signal	
	Optic shutter control	TTL	
Dimensions (L×W×H)	Laser Head	720×200×120mm	720×200×120mm
	Power Supply	420×500×240mm	420×500×500mm
Weights	Laser Head	10Kg	15Kg
	Power Supply	30Kg	50Kg

Note:

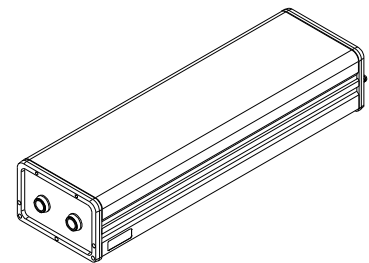
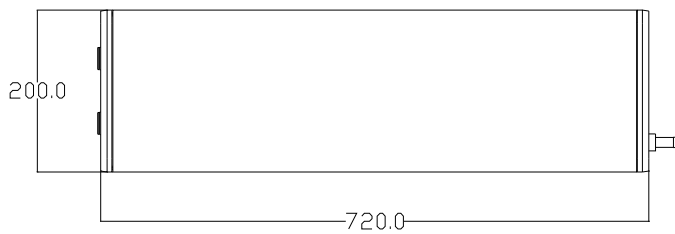
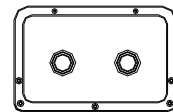
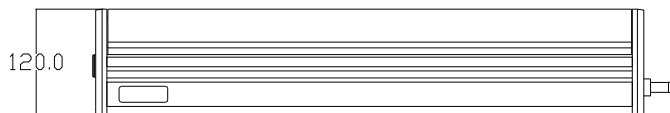
- All performance specifications guaranteed at specified output power only.
- 1 $1/e^2$ at exit port.
- 2 Full-angle divergence.
- 3 Measured as far-field x and y positions over a 25°C to 35°C temperature change.
- 4 Measured over 4 hours after 15 minute warm-up.

1064nm

High Power Infrared Lasers



Laser Head



All Dimensions are in mm

Laser Lab Components, Inc. (LLCI) follows a policy of continuous product improvement. Specifications are subject to change without notice.

LLCI offers a limited warranty for all MB™ systems. For full details on warranty coverage, please refer to the Service and Support section at www.LaserLabComponents.com, or contact your local Sales or Service Representative.

