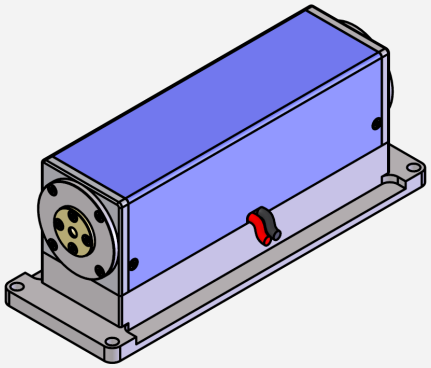
QCW DIODE PUMP MODULE

(LMD-1064-Q5000-5.25-50-1-D5H10-BZ-1.5)

Features

- High power pumping ability
- Excellent beam and stability
- Quasi-continuous wave laser operation
- Compact and reliable design



Applications

- Nano/Pico-second Laser Amplifier
- High gain pulse pump amplifier
- Micro-nano Processing
- OPO
- Medical Equipment
- Atmospheric Research

Technical Specification

Parameter		Unit	Specification	Remarks
Optical	Pump Peak Power	W	⩾5000	@25℃
	Pump Center Wavelength	nm	806 ± 2	@25℃
	Single Bar Peak Power	W	⩾100	-
	Bar quantity	Pcs	50	-
	Crystal rod size	mm	Ø5.25 * 167	Nd_YAG
	Luminous height	mm	50	-
Electrical	Operating mode	/	QCW	-
	Threshold current	A	⩽21	-
	Operating current	A	⩽100	-
	Operating voltage	V	⩽110	-
	Diode duty cycle	/	⩽25%	-
	Diode pulse width	μs	⩽250	-
	Diode repetition rate	Hz	⩽1000	-
Other	Operating temperature	℃	25±5	-
	Storage temperature	℃	0 ~ 50	-
	Volume flow of water	L/min	12 ~ 16	-
	Hydraulic pressure	Mpa	0.25 ~ 0.4	-

NOTE

1.Power use: Ensure that it is used at the rated voltage and power.
2.The laser must be installed reliably when working.
3.Follow the LumiSpot Tech operating instruction manual.
4.Electrostatic protection: the laser module in transport, storage, use must take appropriate anti-static measures.
5.For other questions, please contact us.

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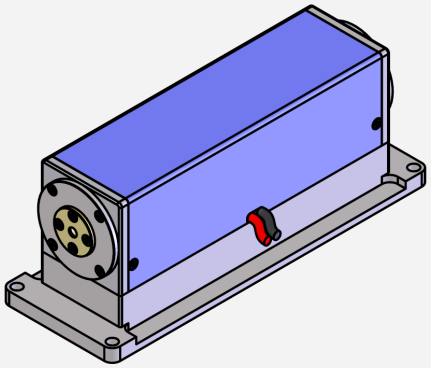

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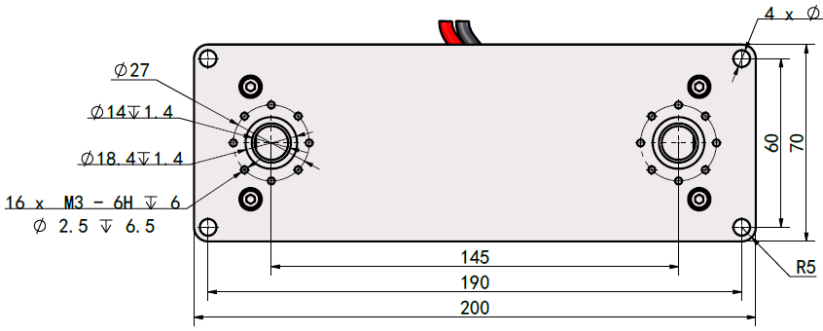
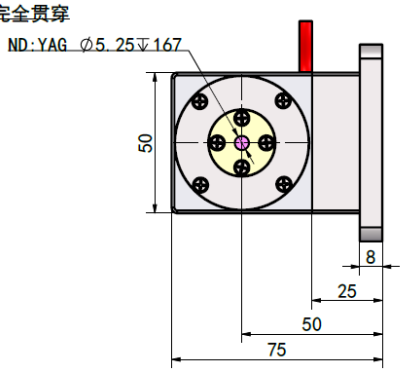
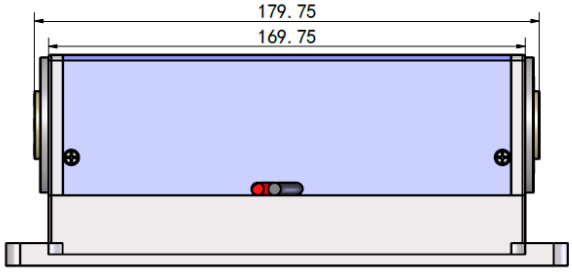
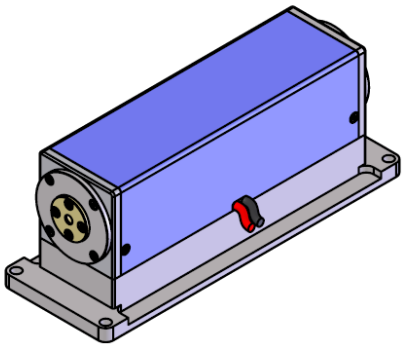
Structure Size









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