QCW ARC-SHAPED STACKS

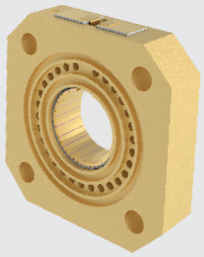
Features :

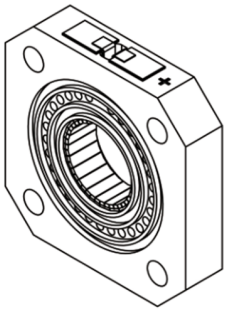
- AuSn packed
- Macro-channel water-cooling structure
- High pump power density
- Long pulse width and high duty cycle
- multi-wavelength combination
- Suitable for rod-shaped gain media

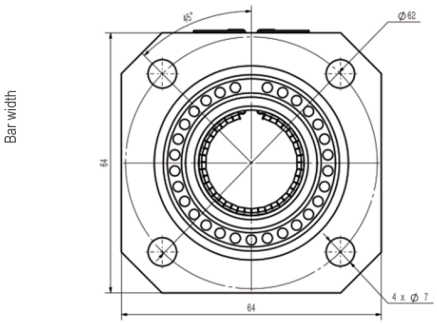
Applications :

- Medical field
- Research
- Pump solid-state laser

LM-808-Q2000-C20-HA







PARAMETERS	LM-808-Q800 -C16-HA	LM-808-Q1000 -C20-HA	LM-808-Q1500 -C20-HA	LM-808-Q2000 -C20-HA
Central Wavelength	808nm ± 4nm			
Output Peak Power	800W	1000W	1200W	1600W
Center Wavelength	800±4nm			
Pulse Width	250μs	300μs	250μs	250μs
Duty Cycle	25%	9%	1.5%	2.5%
Operating Current	≤50A	≤50A	≤100A	≤100A
Operating Voltage	≤2V / Bar			
Number of Bars	16	20	15	20
Water-cooling Temperature	10℃-30℃			
Water-cooling Method	Macro-Channel Water cooling Method			
Water Flow Quantity	＞12L/min			
Storage temperature	- 10 ℃~ 50℃			

NOTE

1. Specification at around temperature 25 ℃, at the initial lifetime
2. Output power & crystal dimension can be customized as needed
3. Follow the LumiSpot Tech operating instruction manual.
4. Single or dual wavelengths in the 790nm-815nm wavelength range can be customized.
5. Any other questions, please contact us..
6. Storage and operation in a non-condensing environment is required at temperatures below ambient.

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