

NEW **QRL**
Low repetition rate

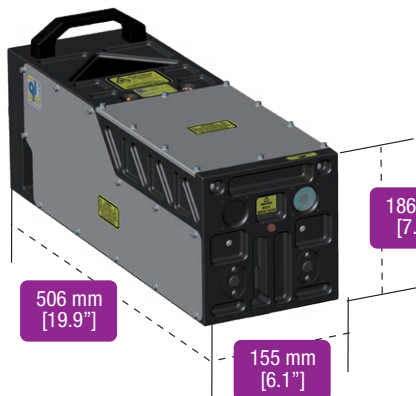
Flashlamp
pumped pulsed
solid state laser



- IR and green versions available
- Compact laser head design for easy integration
- Sealed head design for operation in various environments
- Fixed repetition rate models from 20 to 60 Hz
- With pulse energies from 800 to 650 mJ @ 1064 nm

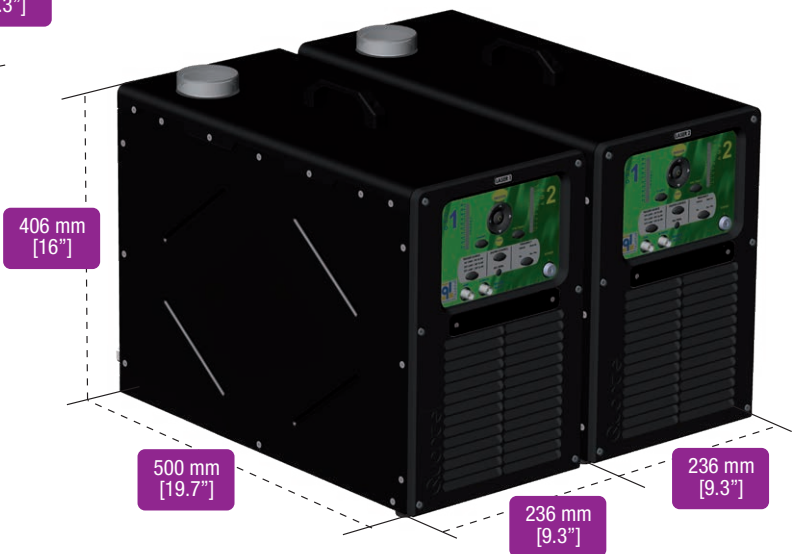
Laser head

11.1 kg
[24.5 lbs]



Power supply

2 x 18 kg
[40 lbs]



QRL

Specifications

Model	QRL20-800-S-λλλλ	QRL40-700-S-λλλλ	QRL60-650-S-λλλλ
REPETITION RATE [Hz]	20	40	60
PULSE ENERGY [mJ]			
1064 nm	800	700	650
532 nm	370	340	300
PULSE WIDTH [ns]			
1064 nm		< 15	
532 nm		< 15	
ENERGY STABILITY [% rms]			
1064 nm		< 1.5	
532 nm		< 2	
BEAM DIAMETER [mm]			
1064 nm		< 10	
532 nm		< 10	
DIVERGENCE [mrad]			
1064 nm	< 4	< 5	< 6
532 nm	< 3	< 4	< 4

TRANSVERSE MODE	Multiple
RESONATOR CONFIGURATION	Stable
POLARIZATION DIRECTION	
1064 nm	H & V
532 nm	H
SPECTRAL PURITY	
532 nm	> 98 %

POWER	2 x 200 - 240 VAC, 50/60 Hz, < 10 A
COMPUTER INTERFACE	RS232

OPERATING TEMPERATURE [°C]	10 - 30
STORAGE TEMPERATURE [°C]	5 - 50

CABLE LENGTH	3 m [10 ft]
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09/18 QRL LRF-REVA - Lumibird reserves the right to modify the specifications without prior notice. Design: Poussières d'Étoiles

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