

NEW DRL Low repetition rate

Flashlamp pumped pulsed solid state laser

- IR, green and UV versions available
- Compact laser head design for easy integration
- Sealed head design for operation in various environments
- Fixed repetition rate models from 20 to 30 Hz
- With pulse energies from 700 to 650 mJ @ 1064 nm



Laser head

6.4 kg
[14 lbs]



Power supply

18 kg
[40 lbs]



DRL

Specifications

Model	DRL10-800-S-λλλλ	DRL20-700-S-λλλλ	DRL30-650-S-λλλλ
REPETITION RATE [Hz]	10	20	30
PULSE ENERGY [mJ]			
1064 nm	800	700	650
532 nm	370	340	300
355 nm	190	170	150
PULSE WIDTH [ns]			
1064 nm	< 15		
532 nm	< 15		
355 nm	< 15		
ENERGY STABILITY [% rms]			
1064 nm	< 1.5		
532 nm	< 2		
355 nm	< 3		
BEAM DIAMETER [mm]			
1064 nm	< 10		
532 nm	< 10		
355 nm	< 10		
DIVERGENCE [mm]			
1064 nm	4	5	6
532 nm	3	4	4

TRANSVERSE MODE	Multiple
RESONATOR CONFIGURATION	Stable
POLARIZATION DIRECTION	
1064 nm	H
532 nm	V
355 nm	V
SPECTRAL PURITY	
532 nm	> 98 %
355 nm	> 97 %

POWER	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 DRL LRF-REVA - Lumibird reserves the right to modify the specifications without prior notice. Design: Pousnières d'Étoiles



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