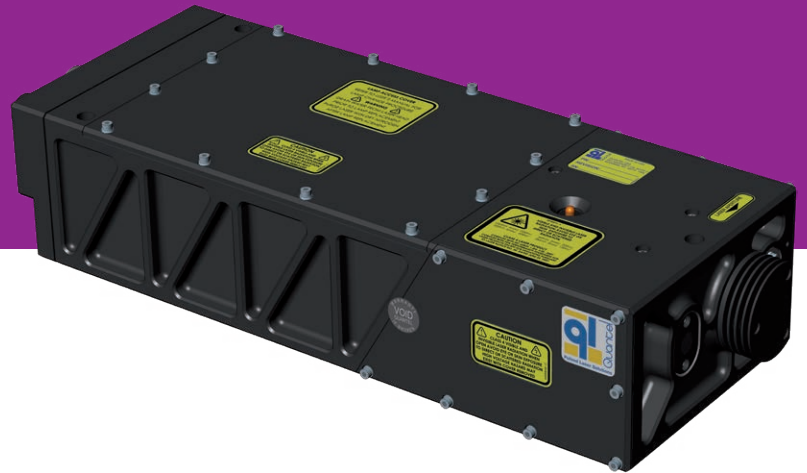


# NEW DRL Low repetition rate

## 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



**Power supply** 18 kg [40 lbs]

**Laser head** 6.4 kg [14 lbs]



# DRL

# Specifications

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

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

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

<b>OPERATING TEMPERATURE [°C]</b>	10 - 30
<b>STORAGE TEMPERATURE [°C]</b>	5 - 50

<b>CABLE LENGTH</b>	3 m [10 ft]
---------------------	-------------

01/21 DRL LRR-REVA - Lumibird reserves the right to modify the specifications without prior notice. Design: Pousnières d'Étoiles



Lumibird has locations across the globe that are available to provide support for any product, service or inquiry. Visit [www.lumibird.com](http://www.lumibird.com) to connect with any of our global sites.

