

**NEW** **DRL**  
Low repetition rate

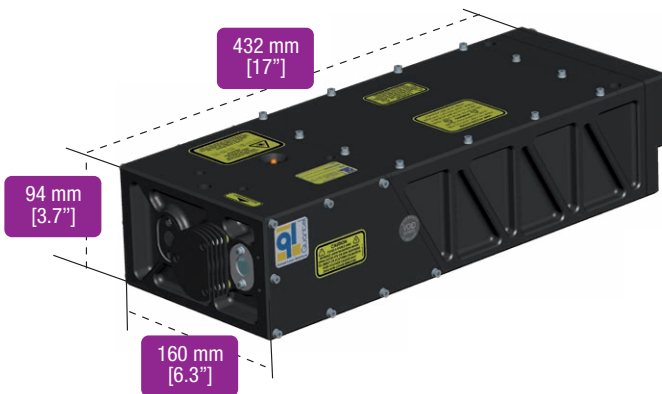
Flashlamp  
pumped pulsed  
solid state laser

- 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**  
**BIG SKY LASER SERIES.**

# Specifications

Model	DRL20-700-S-λλλλ	DRL30-650-S-λλλλ
<b>REPETITION RATE [Hz]</b>	20	30
<b>PULSE ENERGY [mJ]</b>		
1064 nm	700	650
532 nm	340	300
355 nm	170	150
<b>PULSE WIDTH [ns]</b>		
1064 nm	< 15	< 15
532 nm	< 15	< 15
355 nm	< 15	< 15
<b>ENERGY STABILITY [% rms]</b>		
1064 nm	< 1	< 1
532 nm	< 1.5	< 1.5
355 nm	< 2	< 2
<b>BEAM DIAMETER [mm]</b>		
1064 nm	< 10	< 10
532 nm	< 10	< 10
355 nm	< 10	< 10

<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]



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