

Parameter	Model	
	ULCR-100	ULCR-150
Rated Power	100 W	150 W
Wavelength	10.5-10.7 μ	
Power Stability	\pm 5% after 15 minutes of CW operation	
M ²	1.3 \pm 0.2	
Beam Size (Near Field)	4 \pm 1 mm	
Beam Divergence (Full Angle)	5 \pm 1 mrad	
Polarization	Cross-Polarized	
Pointing Stability	200 μ R	
Optical Pulse Rise or Fall Time	120 \pm 40 μ s	
Duty Cycle	0-100%	
Modulation Signal Type	TTL compatible	
Cooling	Integrated Air	
Weight (Integrated Air-Cooled)	81 lbs. (36.7 kg)	95 lbs. (43.0 kg)
Environmental		
Ambient Temperature	50–95° F (10–35° C)	
Relative Humidity	< 90% (non-condensing)	
Power Requirements		
DC Input Voltage	48.0 V DC	
RMS Current (CW, including fan)	36 A	40 A
Inrush Current	140 A, 150 μ s	