

Green, Yellow, Orange, and Near-Infrared Cylindrical Helium Neon Laser Systems

cw Output Power (mW)	Beam Diameter	Beam Divergence	Maximum Mode Sweeping	Polarization	Longitudinal Mode Spacing	Laser Head Dimensions	Power Supply Style	Safety Classification		PRODUCT* NUMBER
	(1/e ²)	(1/e ²)				Length × Diameter				
	(mm)	(mrad)	(%)		(MHz)	(mm)		CDRH Class	IEC Class	
Wavelength: 543.5 nm (green)										
0.20	0.63	1.26	14	Random	732	240.9 × 35.1	A	II	2	25 LGR 025
0.30	0.77	0.90	10	Linear	438	396.2 × 44.5	A	IIIa	3R	25 LGP 151
0.30	0.79	0.88	5	Linear	373	455.9 × 44.5	A	IIIa	3R	25 LGP 173
0.50	0.80	1.01	10	Random	438	396.2 × 44.5	A	IIIa	3R	25 LGR 151
0.80	0.79	0.88	5	Random	373	455.9 × 44.5	A	IIIa	3R	25 LGR 173
1.00	0.86	0.81	5	Linear	320	510.3 × 44.5	B	IIIa	3R	25 LGP 193
1.50	0.86	0.81	5	Random	320	510.3 × 44.5	B	IIIa	3R	25 LGR 193
2.00	0.86	0.81	5	Random	320	510.3 × 44.5	B	IIIa	3R	25 LGR 393
Wavelength: 594.1 nm (yellow)										
0.75	0.80	1.01	10	Random	438	396.2 × 44.5	A	IIIa	3R	25 LYR 151
2.00	0.75	0.91	5	Linear	373	455.9 × 44.5	A	IIIa	3R	25 LYP 173
2.00	0.75	0.91	5	Random	373	455.9 × 44.5	A	IIIa	3R	25 LYR 173
Wavelength: 611.9 nm (orange)										
2.00	0.75	1.05	5	Random	438	396.2 × 44.5	A	IIIa	3R	25 LOR 151
Wavelength: 1523 nm (near-infrared)**										
0.60	1.26	1.59	5	Linear	438	396.2 × 44.5	A	IIIb	3B	25 LIP 151
0.80	1.33	1.62	2	Linear	373	455.9 × 44.5	B	IIIb	3B	25 LIP 171
0.70	1.26	1.59	5	Random	438	396.2 × 44.5	A	IIIb	3B	25 LIR 151
1.00	1.33	1.62	2	Random	373	455.9 × 44.5	B	IIIb	3B	25 LIR 171

^{*}Add the appropriate suffix to the product number to indicate input voltage: -461 for 100 Vac, -249 for 115 Vac, -230 for 230 Vac.

^{**}Noise unspecified for 1523-nm 25 LIR/IP series.