



RGB-GD-(635/520/447) 4000/6000/8000mW

### COLOR DIODE LASER

Color diode laser at 635,520,447 nm is made features of long lifetime, low cost and easy operating, which is widely used laser show.



### SPECIFICATIONS

Wavelength (nm)	635±5/520±5/447±5		
Operating mode	CW		
Output power (mW)	>4000mW	>6000mW	>8000mW
Ratio power (mW)	>1000/>1000/>2000	>2000/>2000/>2000	>2000/>2000/>4000
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Beam diameter at the aperture (mm)	5×4.5	6.2×5.2	6.2×5.2
Beam divergence, full angle (mrad)	1.5×0.3	<1.6×0.4	<1.6×0.4
Polarization direction	Horizontal+ Vertical		
Warm-up time (minutes)	<5		
Beam height from base plate (mm)	35(RGB-GD)	80(RGB-GD-HS)	
Operating temperature (°C)	25+/-3(RGB-GD)	10-35(RGB-GD-HS)	
Power supply (100-240VAC or 12V15A)	PSU-PN7-OEM/ PSU-PN7-OEM-H		
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-100KHz, and TTL on/off		
Expected lifetime (hours)	10000		
Warranty	1 year		



RGB-GD	RGB-GD-HS	PSU-PN7-OEM	PSU-PN7-OEM-H	Adapter
<p>168(L)×120(W)×50(H) mm<sup>3</sup>, 2.8kg</p>	<p>214(L)×124(W)×106(H) mm<sup>3</sup>, 3.8kg</p>	<p>120(L)×65(W)×29(H) mm<sup>3</sup>, 0.2 kg</p>	<p>140(L)×80(W)×67(H) mm<sup>3</sup>, 0.6 kg</p>	<p>177.5(L)×62(W)×30(H) mm<sup>3</sup>, 0.4kg</p>