



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 24V)	PSU-PN7-OEM/ PSU-PN7-OEM-H		
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, 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) mm³,2.8kg</p>	<p>214(L)×124(W) ×106(H) mm³,3.8kg</p>	<p>120(L)×65(W) ×27(H) mm³, 0.2 kg</p>	<p>140(L)×80(W) ×67(H) mm³, 0.6 kg</p>	<p>132(L)×54(W) ×31.2(H) mm³, 0.4kg</p>