

Opto Engine LLC

Data sheet

Rev. 1505

RGB-655 /100~1000mW

Full color RGB laser





Full color RGB laser could provide 7 kinds of color, such as red, orange, yellow, green, indigo, blue, purple. It is used for laser light shows, laser displays and multimedia entertainment.



SPECIFICATIONS

Wavelength (nm)	Red at 655nm, Green at 532nm, Blue at 473nm		
Output power (mW)	>1, 100, 200, ..., 1000		
Transverse mode	TE ₀₀ / TEM ₀₀ / TEM ₀₀		
Operating mode	CW/ Modulation		
Beam divergence, full angle (mrad)	<5. 0		
Beam diameter at the aperture (mm)	<6. 0		
Beam height from base plate (mm)	36		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
TTL modulation/ Analog modulation	Optional, 1Hz-1KHz, 1KHz-10KHz, or higher on request		
Expected lifetime (hours)	8000		
Warranty period	1 year		
Remark	<p>1. RGB laser module can generate multi-colors, such as red, orange, yellow, green, indigo, blue, purple and so much.</p> <p>2. High Power RGB is available if you use high power Red, Green and Blue laser modules made by CNL.</p>		



RGB-655	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
 <p>307.5(L)×170(W)×72.8(H) mm³, 4.18kg</p>	 <p>154 (L) ×155(W) ×95 (H) mm³, 1.5kg</p>	 <p>133 (L) ×130(W) ×65 (H) mm³, 1.2kg</p>	 <p>100 (L) ×62(W) ×56 (H) mm³, 0.2kg</p>
