

RGB-M

Full color RGB-M laser



Ultra-compact full color RGB-M 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

Laser Data	Wavelength (nm)	Output power (mW)	Transverse mode	Beam diameter at the aperture (mm)	Beam divergence, full angle (mrad)
Red	635Lnm	1~200	Near TEM ₀₀	<3	<1
	637nm	1~200			
	642nm	1~150			
	655Lnm	1~180			
	660nm	1~180			
Green	532nm	1~90	TEM ₀₀	~1.5	<1.5
	520Lnm	1~40	Near TEM ₀₀	<3	<1
Blue	405 nm	1~500	Near TEM ₀₀	<4	<0.5
	442 nm	1~50			
	447nm	1~50	Multimode	<1.5×3.5	<1×0.8
		50~500			
		500~1000			
Operating mode	CW				
Noise	Non-considering		<1% Noise of amplitude (rms, 1~20MHz)		
Beam height from base plate (mm)	24.8				
Operating temperature (°C)	10~35				
Power supply	PSU-M-LED				
TTL modulation/Analog modulation	Optional, 1Hz-1KHz, 1KHz-10KHz, or higher on request				
Expected lifetime (hours)	10000				
Warranty period	1 year				
Remark	1. RGB laser module can generate multi-colors, such as red, orange, yellow, green, indigo, blue, purple and so much. 2. High Power RGB is available if you use high power Red, Green and Blue laser modules made by CNL.				



Laser Head RGB-M	Driver PSU-M-LED
 115(L)×75(W) ×45(H) mm³, 1kg	 196(L) ×134(W) ×102(H) mm³, 1.2kg
