



RGB-XD-(635/ 520/ 447) 10-12W

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 (W) | 10-12 | | |
| Ratio power (W) | >3.4/ >2.5/ >6 | | |
| Power stability (rms, over 4 hours) | <1%, <3%, <5% | | |
| Beam diameter at the aperture (mm) | 6×6 | 3.5×5 | 3.2×3.2 |
| Beam divergence, full angle (mrad) | 1.9×2.3 | <1.4×0.8 | <1.4×0.2 |
| Polarization direction | Horizontal+ Vertical | | |
| Warm-up time (minutes) | <5 | | |
| Beam height from base plate (mm) | 30 (RGB-XD) | 68.2 (RGB-XD-HS) | |
| Operating temperature (°C) | 25+/-3 (RGB-XD) | 10-35 (RGB-XD-HS) | |
| Power supply (100-240VAC or 12V20A) | 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-XD | RGB-XD-HS | PSU-PN7-OEM | PSU-PN7-OEM-H | Adapter |
|--|--|--|---|--|
| <p>187.3(L)×166(W)×51.5(H) mm³, 2.8kg</p> | <p>238(L)×184(W)×68.2(H) mm³, 3.8kg</p> | <p>170(L)×75(W)×31(H) mm³, 0.3 kg</p> | <p>172(L)×120(W)×65(H) mm³, 0.6 kg</p> | <p>12V30A 195(L)×86(W)×36.5(H) mm³, 0.4kg</p> |