

**MRL-D-635/>1500mW**

### RED DIODE LASER AT 635nm






Diode red laser 635nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



#### SPECIFICATIONS

Wavelength (nm)	635 ± 5		
Output power (mW)	>1500		
Transverse mode	Near TE <sub>00</sub>		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Warm-up time (minutes)	<5		
Polarization direction	Horizontal/Vertical	Horizontal+Vertical	
Beam divergence, full angle (mrad)	<4.5×3.0		
Beam diameter at the aperture (mm)	6×5	6×2	
Beam height from base plate (mm)	45		
Operating temperature (°C)	10~35		
Power supply (100-240VAC or 8VDC)	PSU-III-FDA	PSU-III-LED	PSU-D-OEM
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off		
Expected lifetime (hours)	10000		
Warranty	1 year		



MRL-D-635	PSU-III-LED	PSU-III-FDA	PSU-D-OEM	Adapter
 <b>180(L)×86(W)×65(H) mm<sup>3</sup>, 1.6 kg</b>	 <b>154 (L) ×155(W) ×95 (H) mm<sup>3</sup>, 1.5kg</b>	 <b>133 (L) ×130(W) ×65 (H) mm<sup>3</sup>, 1.2kg</b>	 <b>86(L)×47(W) ×52(H) mm<sup>3</sup>, 0.10 kg</b>	 <b>100-240VAC</b>
