



RGB-KD-635/520/455 13W

COLOR DIODE LASER

Color diode laser at 635/ 520/ 455nm is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



SPECIFICATIONS

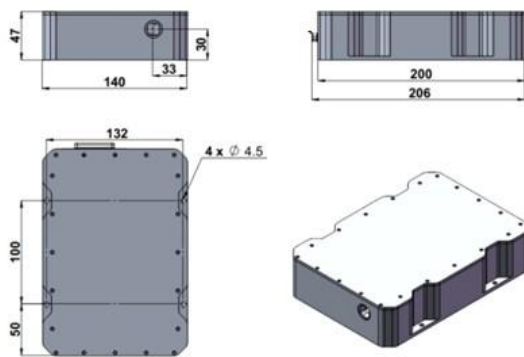
Wavelength (nm)	635±5/ 520±5/ 455±5	
Output power (W)	13	
Ratio power (W)	4/ 3.5/ 5.5	
Beam diameter at the aperture (mm)	6*7.5	
Operating mode	CW	
Beam divergence, full angle (mrad)	~1.2	
Power stability (rms, over 4 hours)	<1%, <3% ...	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	30 (RGB-KD-OEM)	93.5 (RGB-KD-HS)
Operating temperature (°C)	25+/-3 (RGB-KD-OEM)	15-35 (RGB-KD-HS)
Driver (12V 20A)	PSU-OEM-PNST	
Modulation option	TTL/ Analog 1Hz-30KHz, TTL on/ off	
Expected lifetime (hours)	10000	



NOTE: The laser needs to be used on a heat sink with good heat dissipation.

Dimensions of Laser head

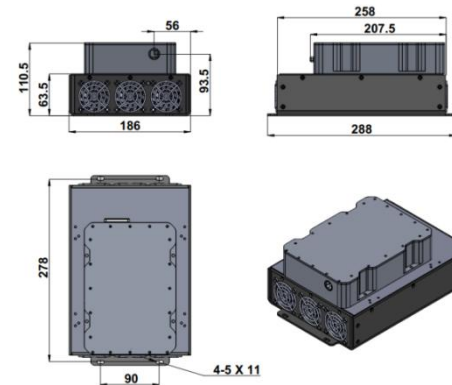
No heat dissipation



RGB-KD-OEM

206 (L)*140 (W)*47 (H) mm³

A heat dissipation

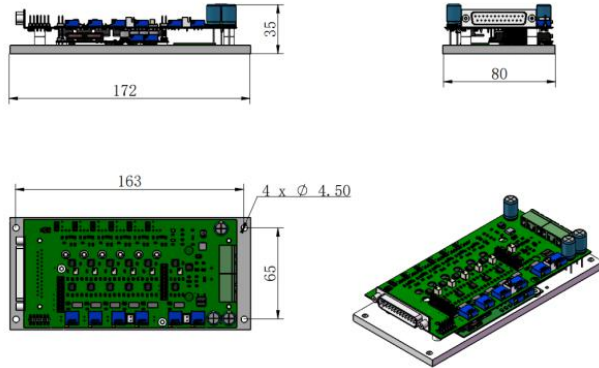


RGB-KD-HS

288 (L)*186 (W)*110.5 (H) mm³

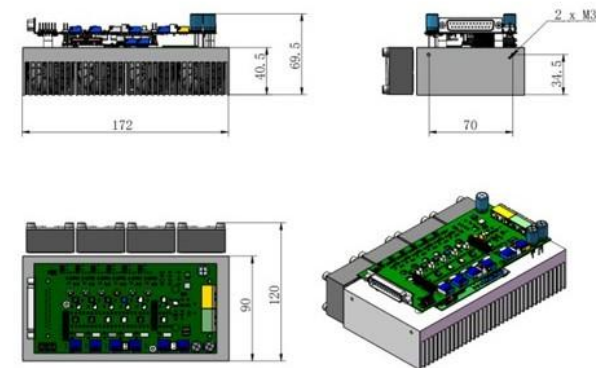
PSU-OEM-PNST

No heat dissipation



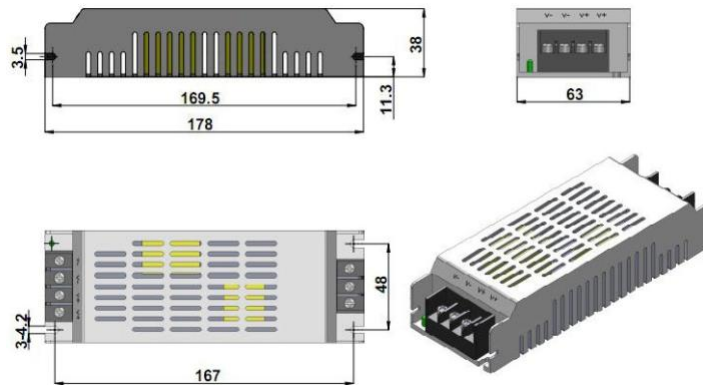
172 (L)*80 (W)*35 (H) mm³

A heat dissipation



172 (L)*120 (W)*69.5 (H) mm³

Accessory (Power supply 100-240VAC)



12V20A
178 (L)*63 (W)*38 (H) mm³