



PGL-H-635/1~500mW

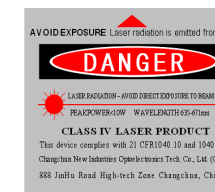
HIGH POWER RED LASER MODULE AT 635nm

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 | |
| Operating mode | CW | |
| Output power (mW) | >1,5, 10, ... , 150 | >150, 200, ... , 500 |
| Power stability (rms) | <10%, over 4 hours at constant temperature after warm up | |
| | <20%, over operating temperature range | |
| Transverse mode | Near TEM ₀₀ | TE ₀₀ |
| Beam diameter at the aperture (1/e ² , mm) | ~3.5 | ~5.0×8.0 |
| Beam divergence, full angle (mrad) | <1.0 | <2.5 |
| Operating temperature (°C) | 15~30 | |
| Power supply | DC 3V PCB | DC 5V PCB |
| TTL modulation | Optional, 1Hz-1KHz, 1KHz-10KHz, or higher on request | |
| Expected lifetime (hours) | 10000 | |
| Warranty | 6 months | |



| PGL-H-635 | Dimensions | DC 3VPCB | | DC 5VPCB |
|---|------------|----------------------------------|---------------------------------|-----------------------------------|
| <p>Φ20×62(L) mm², 0.075 kg</p> | | <p>14×18×6(H) mm³</p> | <p>Φ26×15(H) mm³</p> | <p>56×47×30(H) mm³</p> |

Website: <http://www.cnilaser.com> E-mail: sales@cnilaser.com Tel: +86-431-85603799 Fax: +86-431-87020258