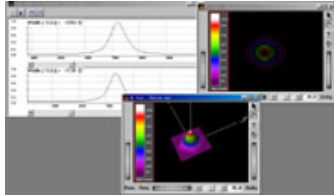


## 445nm Purple Lasers



### Specifications:

|  |                                     |
|--|-------------------------------------|
| <b>Model</b>                                   | <b>SDL-445-XXXX</b>                 |
| <b>Wavelength (nm)</b>                         | 445±5nm                             |
| <b>Output Power</b>                            | 1-40mW                              |
| <b>Energy distributuon</b>                     | Even                                |
| <b>Beam spot</b>                               | Round                               |
| <b>Operating Mode</b>                          | CW                                  |
| <b>Power Stability after warm-up</b>           | <1%, <3%, <5% (over 2/4/8 hours)    |
| <b>Warm-up time</b>                            | < 5 minutes                         |
| <b>Beam divergence, full angle (mrad)</b>      | 8.0mrad                             |
| <b>Beam diameter at the aperture</b>           | 2.0mm                               |
| <b>Beam height from base plate</b>             | 24.8mm                              |
| <b>Pointing stability after warm-up (mrad)</b> | <0.05                               |
| <b>Operating temperature (°C)</b>              | 10~35°C                             |
| <b>Power Supply</b>                            | 90-264VAC, 50/60Hz                  |
| <b>Modulation</b>                              | TTL Modulation or Analog Modulation |
| <b>Expect life time</b>                        | 10000 hours                         |
| <b>Warranty time</b>                           | 1 year                              |