

FEATURES

Collimated Diode Lasers
Easy use & maintenance free
Longlife operation
High efficiency
High reliability



APPLICATIONS

Laser show
Display
Laser Alignment
Scanning Biochemistry
Material Inspection Lidar

Specifications

| | | |
|----------------------------------|-----------------------|-----------|
| Model No. | LSR660-NL-xxx | |
| Wavelength | 660±5 nm | |
| Spatial Mode | Multimode | |
| Output Power | ≥ xxx mW | |
| Operation Mode | CW or Modulation | |
| Polarization | TM | |
| Pointing Stability | <0.05 mrad | |
| | 250mW | 500~900mW |
| Beam Diameter(1/e ²) | 5mm | 5mm |
| Beam Divergence | <1.5mrad | <3mrad |
| Power Stability | <±3% per 2 hrs | |
| Temperature Stabilizing | TEC | |
| Warm Up Time | <2 minutes | |
| MTTF | 5,000 hrs | |
| Modulation | 0~10khz | |
| Dimensions | 100(L)x40(W)x50(H) mm | |
| Power supply | Type: LSR-PS-I | |

| | |
|--|----------------------------|
| | Size: 100(L)x58(W)x32(H)mm |
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***One year warranty is offered.*

The beam divergence is small, so the beam size remains small at long distance. The following lists the beam size at different distance.

LSR660-250mW

| | | | | | |
|-----------------|-----|-----|-----|-----|-------|
| Distance(meter) | 0 | 1 | 2 | 5 | 8 |
| Beamsize(mm) | 6x6 | 6x3 | 6x1 | 8x6 | 12x12 |

LSR660-900mW

| | | | | | |
|-----------------|-----|-----|-----|------|-------|
| Distance(meter) | 0 | 1 | 2 | 5 | 8 |
| Beamsize(mm) | 6x6 | 6x4 | 7x2 | 10x9 | 16x16 |

660nm Red laser photo

