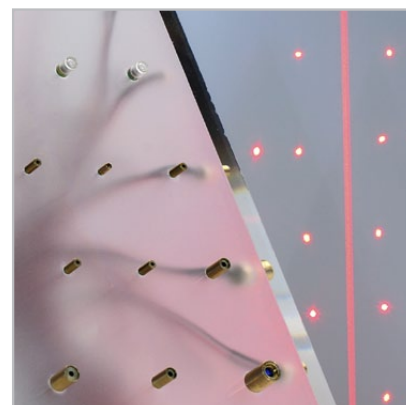


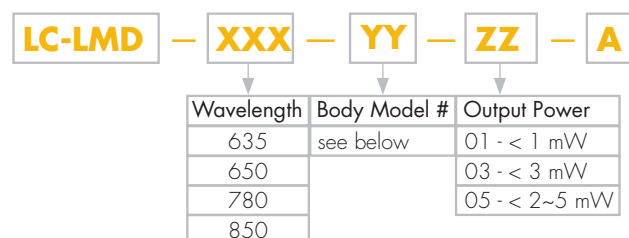
Laser Module LC-LMD Series Overview

Features

1. APC (auto power control) IC inside
2. Low current consumption
3. Surge current protection
4. High quality glass or plastic lens
5. Adjustable focus option











Part No. Indications Dot Laser



Part No. Indications Line Laser



	Output beam	Body Model #	Dimension dia x length (mm)	Max cw Power Output* (mW)	Operating Case Temperature (°C)	Laser Beam Spot Size at 10 m (mm)	Divergence Angle (mrad)	Comment
	Dot	01	Ø4.0 x 8.5	<0.9 or < 3.0	0~40	< 20	2	650 nm 780 nm 850 nm
		02	Ø6.2 x 11.5	<0.9 or <3.0	0~40	< 10	1.1	635 nm 650 nm
		03	Ø8.0 x 12.5	<0.9 or <3.0	0~40	< 10	1.1	635 nm 650 nm

	Output beam	Body Model #	Dimension dia x length (mm)	Max cw Power Output* (mW)	Operating Case Temperature (°C)	Laser Beam Spot Size at 10 m (mm)	Divergence Angle (mrad)	Comment
	Dot	04	Ø10.5 x 15.0	<0.9 or 2.0 - 5.0	-5~50	< 8	0.9	635 nm 650 nm Glass Lens
		05	Ø10.5 x 15.0	<0.9 or 2.0 - 5.0	-5~50	< 8	0.9	635 nm 650 nm Glass Lens, Adjustable Focus
		06	Ø6.5 x 8.5	<0.9 or <3.0	0~40	< 10	1.1	650 nm
		07	Ø3.3 x 7.8	<0.9 or <3.0	0~40	< 20	2	650 nm
		12	Ø10.5 x 15.5	<0.9 or 2.0 - 5.0	-5~40	< 15	1.2	650 nm Coaxially aligned, <0.1°
		17	Ø3.3 x 7.5	<0.9	0~40	< 20	2	650 nm Smallest
	Line	01	Ø11.5 x 30	<0.9 or <3.0	-5~40			635 nm Laser Line Emitting Angle >120° Laser Line Accuracy <0.01°

*Other output power levels available upon request.

Plastic lens unless otherwise noted.

Customized packages available upon request.

- Operating Voltage 2.5-3.3 VDC
- Mean time to failure (MTTF)
 - 635nm: >5,000 hours
 - 650nm: >10,000 hours
 - 780nm: >10,000 hours
 - 850nm: >10,000 hours