



## Features

- Compact size (11mm dia. x 12mm long)
- Suitable for use with LDM-3, LDM-4 & LDM-5 laser diode modules
- Good quality lines which can be focussed to a line width of less than 1mm.

LasereX laser line generators and cross hair generators are most suited to applications requiring a good quality laser line at a reasonable cost. These units can be used for positioning, alignment and detection.

All our line generators and cross hair generators are suitable for use with our LDM-3, LDM-4 and LDM-5 series of laser diode modules.

### Specifications:

The line length at a distance 'D' from the laser module is calculated using the line length factor 'LLF', as follows:

$$\text{Line length} = D \times \text{LLF}$$

#### Line Generators

		<u>LLF</u>
L30	30 degree fan angle	0.5359
L45	45 degree fan angle	0.8284
L60	60 degree fan angle	1.1547
L90	90 degree fan angle	2.0000

#### Cross Hair Generators

		<u>LLF</u>
CH	10 degree fan angle	0.1750

This product is registered with the FDA in accordance with 21 CFR 1040.10(a)(3)(I) and is compliant with European, and Australia/New Zealand laser safety standards 73/23/EEC - 98/37/EG, 89/336/EEC, EN 50081-1, EN-31252, EN-31252, EN 55022, EN 60825-1 and AS/NZS 2211:1997. The complete laser product manufacturer must supply adequate instructions for installation and servicing of this product. This is not a removable laser system. This product is designed solely as a component in an electronic product and therefore does not comply with the requirements of 21 CFR 1040.10 and 1040.11 for complete laser products. Avoid direct eye exposure to the beam.

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