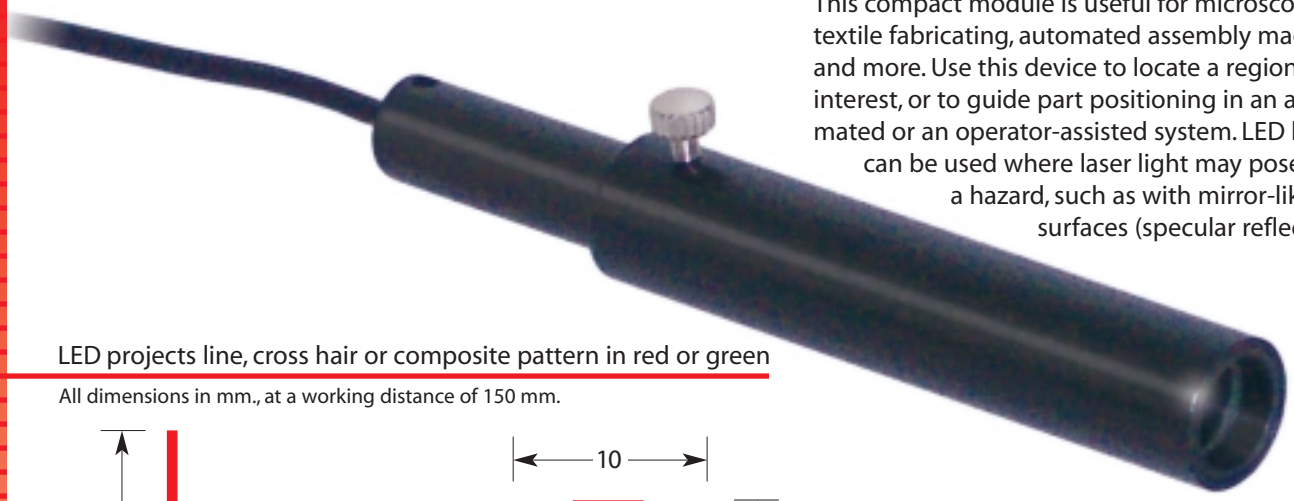
LED Modules

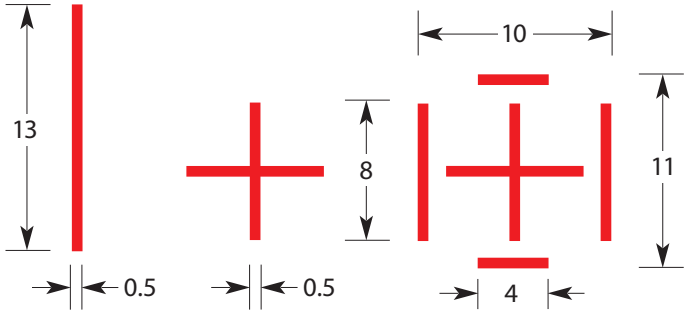
- Anodized Aluminum Construction
- Compact Projection Lens
- Very Long LED Life



This compact module is useful for microscopy, textile fabricating, automated assembly machines, and more. Use this device to locate a region of interest, or to guide part positioning in an automated or an operator-assisted system. LED light can be used where laser light may pose a hazard, such as with mirror-like surfaces (specular reflection).

LED projects line, cross hair or composite pattern in red or green

All dimensions in mm., at a working distance of 150 mm.



	Specification	Value
Optical	Wavelength	625nm ±5 (Red); 525nm ±5 (Green); n/a (White)
	Luminance Intensity	30 candela
	Focus	Adjustable, telescoping lens
	Beam Pattern	Line, Cross Hair, or Composite (Lines and Cross)
	Light Source	LED
	Fan Angle	Line 5°, Cross Hair 4°, Composite 4°
	Typical working distance	110 – 500 mm
Electrical	Operating Current	30 mA
	Operating Voltage	5 VDC ±5%
Environmental	Operating Temperature	-30 – +80°C
	Lifetime	100,000 hours @ 25°C
Mechanical	Weight	40g
	Diameter	16 mm
	Length	89 – 111mm

Part No	Comments
PLD-30-R-L	red line
PLD-30-G-L	green line
PLD-30-W-L	white line
PLD-30-R-C	red cross
PLD-30-G-C	green cross
PLD-30-W-C	white cross
PLD-30-R-CL	red composite
PLD-30-G-CL	green composite
PLD-30-W-CL	white composite

Guide to Nomenclature: PLD-30-X-Z
PLD – Projected LED
30 – Intensity (30 candela)
X – Color (R=Red, G=Green, W=White)
Z – Projection (L=Line, C=Cross Hair, CL=Composite cross hair with lines)

BEA LASERS

800/783-2321 Toll-Free
847/238-1420 Phone
847/238-1423 Fax
www.BeaLasers.com
info@BeaLasers.com