



P.O. Box 10120 29 Seides Rd  
Rotorua New Zealand  
Ph +64 7 350 1435  
Fax +64 7 350 1485  
office@integrated.co.nz  
www.integrated.co.nz

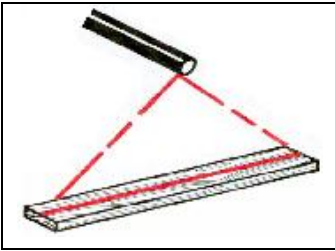
# **LASER BLASER LINEMAKER**

## **Diode Laser**

### ***E-Line***

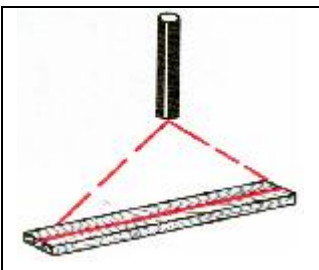
# Models

**Model:** LDE99?



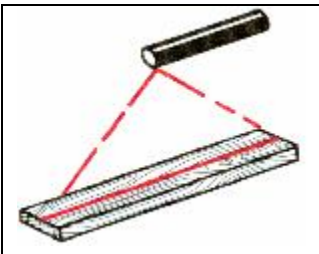
Right angled projection: Line perpendicular to housing axis.

**Model:** LD99?



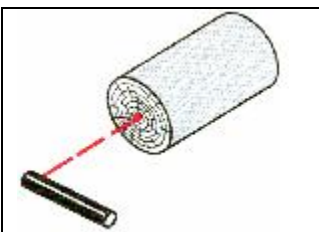
Cannon projection: Line projected from end of housing.

**Model:** LD99?



Right angled projection: Line parallel to housing axis.

**Model:** LD99?



Right angled projection: Dot projected from end of housing.

**Model:** LD99?



Parallel projection: Dot projected from end of housing.

## Specifications

### Power:

<b>Operating Voltage:</b>	5vdc, 12vdc, 24vdc
<b>Input Voltage:</b>	240V AC, 50,60Hz.
<b>Power Output:</b>	5mW-15mW
<b>Power Consumption:</b>	500mW - 2400mW
<b>Operating Current:</b>	100mA
<b>Operating Temperature:</b>	-20-40degrees Celcius

### Dimensions:

<b>Case Construction:</b>	Nickel plated 6061-T6 Aluminum
<b>Diameter:</b>	19.05mm
<b>Length:</b>	123.8mm
<b>Weight:</b>	56.7g

### Light :

<b>Type:</b>	Visible Laser Diode
<b>Wavelength:</b>	635nm
<b>Lens Fan Angle:</b>	Per Line Length
<b>Colour:</b>	Available in red (all wattages) and green (10mW and 30mW).

# Common Applications

## **Wood Products Industry**

### **Sawmills, Plywood Mills, Woodworking**

- Log cutoff (Bucking)
- Headrig first cut
- Re-saw
- Edger cuts
- Trim Saw applications
- Manual cut-off marks
- High speed veneer clipping
- Guide for glue layup
- Tracking and identify veneer ends
- Align first cuts
- Rip saws
- Gang saws
- Table saws
- Router operations

## **Metal Working Industry**

- Alignment of material
- Alignment for accurate bends
- Precision drill hole alignment
- Bandsaw cuts
- Hacksaw cuts

## **Stone, Marble, Masonry & Tile**

- Align saw for rough quarry cuts
- Alignment for finishing cuts
- Straight edge cuts

## **Food Processing**

- Alignment for produce length cuts
- Alignment for meat, poultry and fish cutting and packing

## **Other Applications**

- Masking straight lines for painting
- Placement of machinery
- Positioning of overhead cranes
- Fabric cutting alignment for textile industry

## **Safety**

The emission from the LASER BLAZER linemaker is a bright red light from a low-power, helium-neon laser. The light has no effect on skin, clothing, or other objects. However, it is intense, and just as one should not stare at the sun, neither should anyone look directly into the light or its reflection from a bright surface. The “Caution” and “Aperture” labels are reminders.