



LASERLYTE

Alignment Specialists

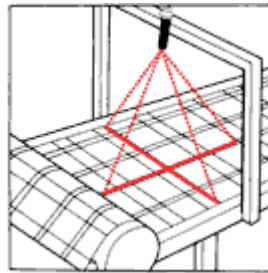
The LaserLyte Alignment System

The LaserLyte Laser Alignment System has been available for 6 years and is the brand leader in the Apparel Industry. It is widely used in many other manufacturing industries including the Automotive, Welding (including High and Radio Frequency), Woodworking and Screen Printing.

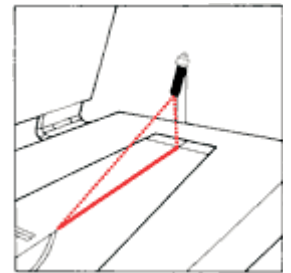
There is a suitable power laser, with a suitable projection pattern for every application. Manufacturing efficiency is increased, and wastage eliminated.

LaserLyte has a continual program to upgrade our products and services. We welcome technical enquiries; for single systems, or for custom products from

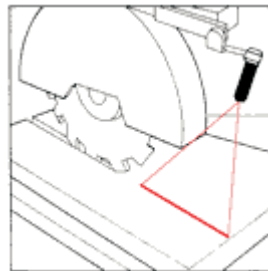
APPLICATION EXAMPLES



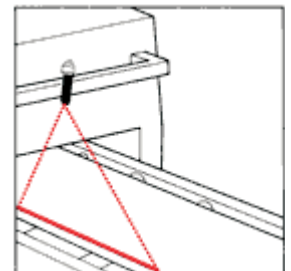
For pattern matching, material inspection and fabric spreading.



For positioning of garments for pressing or heat sealing of motifs or embroidery.



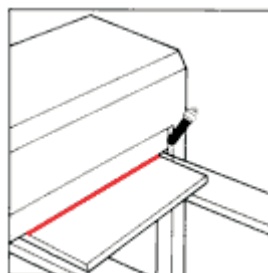
Saw and blade guidance.



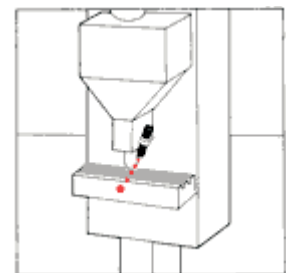
For edging alignment and positioning of material on floatation tables.

OUR SERVICE TO YOU

- **Email:** Info@laser-lyte.co.uk
- **Website:** www.laser-lyte.co.uk
- **Shipping** and custom's clearance by UPS,
- **Delivery** 48 hours worldwide
- **Credit card** payments are welcome
- **Warranty** for a full year
- **Technical** information team



On RF or HF welding machines, screen printing equipment or guillotines.

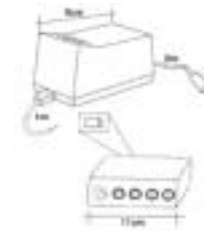


On snap, or rivet machines

The LaserLyte Alignment System Components

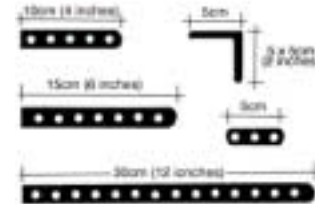
1. POWER SUPPLIES - 2 part components

- PS-1 Universal Transformer 110-240vAC, 50/60Hz-1
 PS-4 Universal Transformer 110-240vAC, 50/60Hz-1



2. BRACKETS

- BS Set comprising one of each of the following
 B12 30cms Flat Bracket
 B6 15cm Flat Bracket
 B4 10cm Flat Bracket
 B2 5cm x 5cm Right-Angle Bracket



3. LASERS - 2 part components

Laser Module and Mounting Kit

The Laser Module and Mounting Kit are supplied together under one part number. The laser cable is 2m/6ft. Long. Up to 4 lasers can be plugged into a 4 outlet Junction Box.

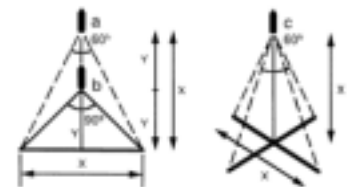
To decide which is the most efficient laser for your requirements you need to choose the best pattern, or projection, and the right power.

The size of the fan angle, or "spread" of the beam, of the laser will determine how long the line is. When viewed from the same distance the line from a 90° fan angle laser is much longer than a line from a 60° fan angle laser. On the diagram the 60° fan angle is called "a", and the 90° fan angle is called "b".



Choice of powers

Power Level	Wavelength	Output Power
L5: Standard Power (formerly L7)	650nm laser	all Line and Cross are 5mW output, Dot is 1mW
L3: Bright Power	635nm laser	all Line and Cross projections are 5mW output
L2: Very Bright Power	635nm laser	all Line and Cross projections are 10mW output
L1: Ultra Bright Power	635nm laser	all Line and Cross projections are 15mW output



Choice of projections

Part No.	Projection	Description of Projection	Distance from Surface	Max. visible Line Length
L5D	Dot	Dot which is in focus at any distance		
L5SL L3SL L2SL L1SL	a Short Line	The line is the same length as the distance between the laser and the surface on which it is visible	Same as the line length	50cms/18" 150cms/60" 250cms/84" 350cms/140"
L5ML L3ML L2ML L1ML	b Medium Line	The line is nearly twice as long as the distance between the laser and the surface on which it is visible	Half the line length	50cms/18" 150cms/60" 250cms/84" 350cms/140"
L5LL L3LL L2LL L1LL	b Long Line with centre dot	The line is twice as long as the distance between the laser and the surface on which it is visible	Half the line length	50cms/18" 150cms/60" 250cms/84" 350cms/140"
L5XL L3XL L2XL L1XL	c Crossed Lines	The lines are about half as long as the distance between the laser and the surface on which it is visible	Twice the line length	35cms/15" 100cms/40" 175cms/70" 250cms/100"