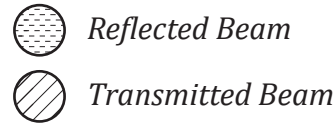


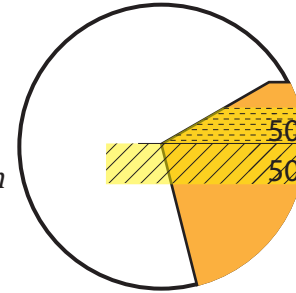
Micro-LAM Beam Alignment Methods

CDOT Tools (70/30, 50/50 & Full Clearance)

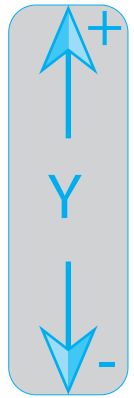
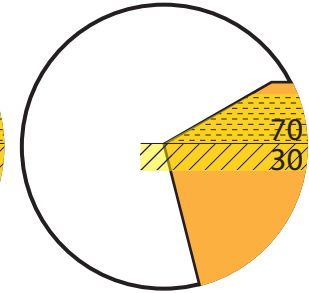
Lateral Alignment (Y-Axis)
Diamond Side View



50/50 Method
Adjust to 50% of Clearance Power



70/30 Method
Adjust to 30% of Clearance Power



Visible Bright DOT ✘

Move Down (-Y)

Beam Thin/Faint ✘

Move Down (-Y)

Brightest HeNe ✔

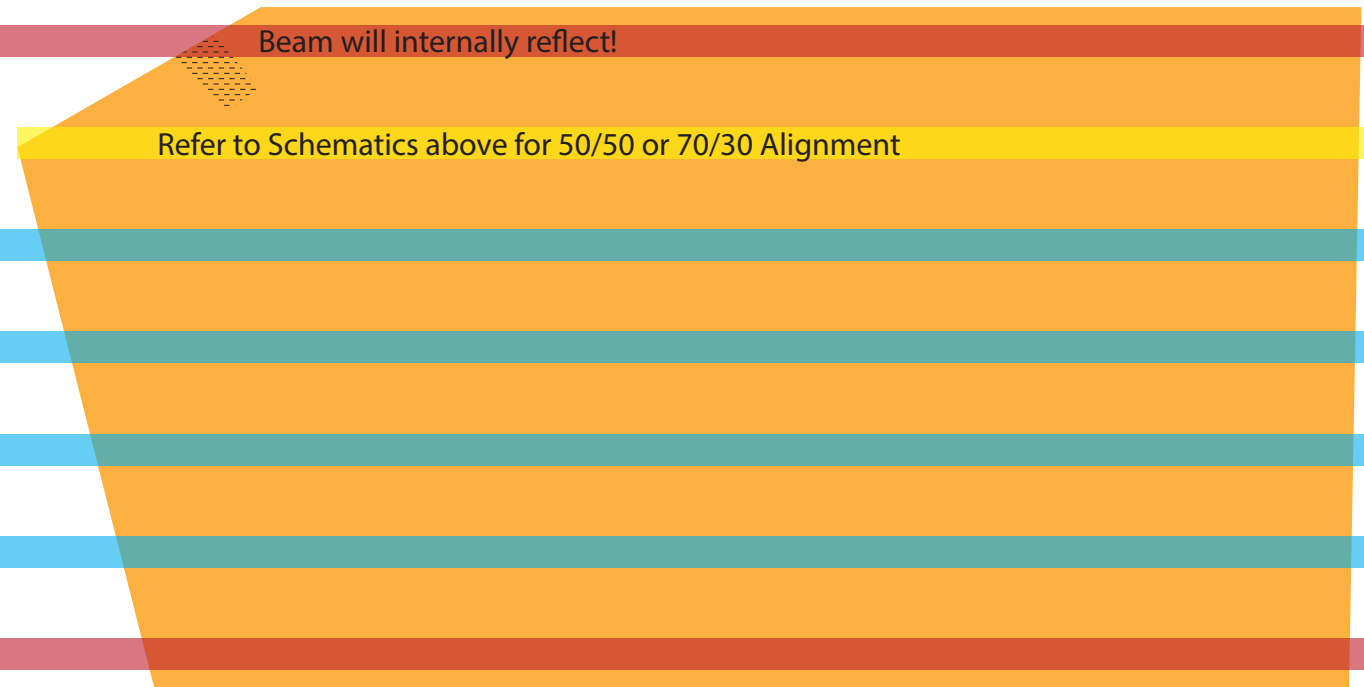
Full Clearance

Beam Thin/Faint ✘

Move Up (+Y)

No Visible Beam ✘

Move Up (+Y)



1. Lateral Adjust
2. Full Clearance (brightest HeNe and high IR Power). Typically ~8W at 20% laser power. Further Adjust Power.
3. Adjust Laser Position for 50/50 or 70/30 (Optional)