



## **LaserLIGHTS TROUBLESHOOTING**

**Colors Not Lasering Cleanly** - When engraving larger fonts and fills, particularly with the Red/White and Blue/White LIGHTS, a better result may be achieved by reducing speed and/or increasing the spot size by defocusing the beam by 0.10" (lowering the table 0.10").

**Gold or Silver Substrates Not Bright When nd-YAG Lasered**- Precise power control is necessary when marking the Black/Gold and Black/Silver LIGHTS material with nd-YAG. Too much power will ablate the metal backing and yield a dull, non-metallic appearance.

**LIGHTS Don't Lay Flat** - If LIGHTS do not lay flat in laser, taping down the edges from the front will help to hold the material flat. (Most double-sided "table tapes" will not adhere to the LIGHTS' paper backer.)

If necessary, lifting the LIGHTS material from the adhesive liner and smoothing it down again will allow the material to lay flat. Lift one half of the sheet and smooth it down, then lift the other and do the same.