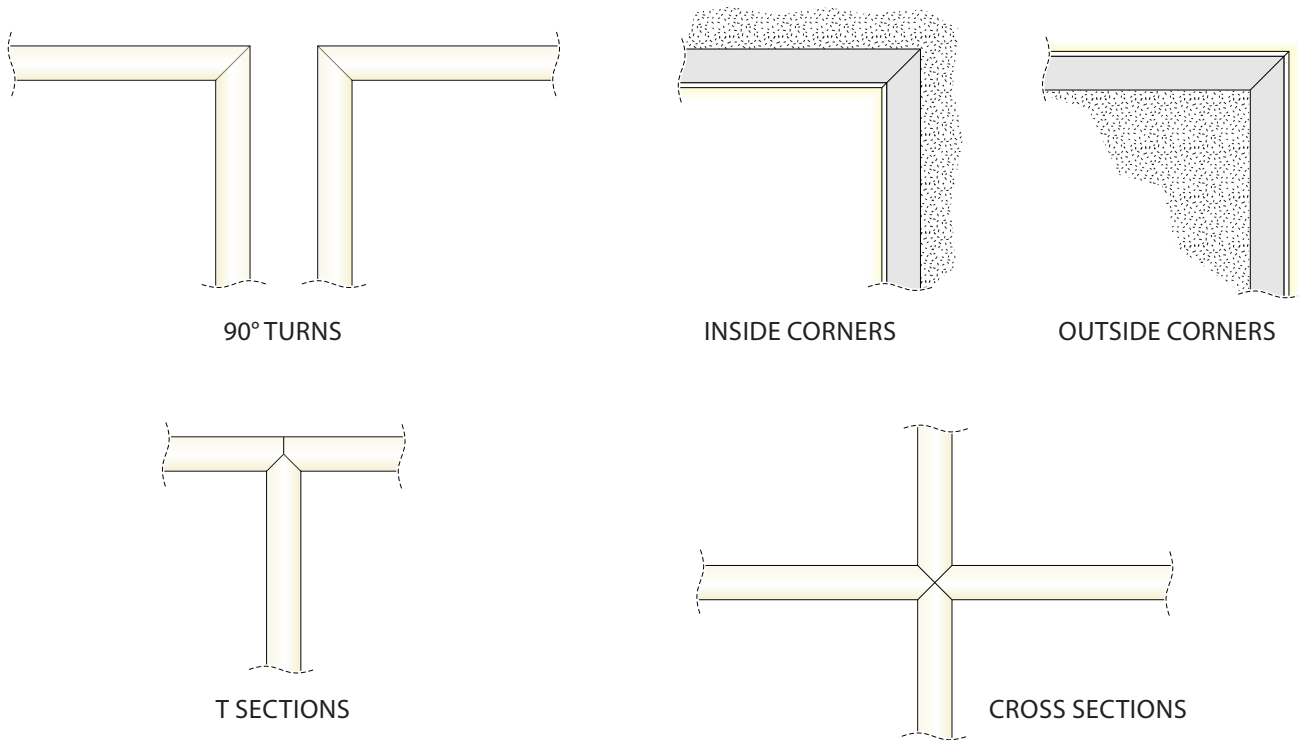


## SlotLine & SlotLine Pro

### INSTRUCTIONS FOR ANGLE CUTTING ALUMINUM MOUNTING CHANNELS (ALL MODELS) AND PVC LENS MATERIAL



#### IMPORTANT:

These instructions cover only the cutting and preparation of SlotLine extrusions. Refer to SlotLine Install sheet for complete installation of Feeder Boxes, End Caps, Light Engines and power supplies/accessories.

#### TOOLS REQUIRED:

- 1) Miter Saw w/ fine tooth Carbide blade (80+)
- 2) PVC Ratchet Cutter
- 3) Tape Measure



Do not use Hand Saw



#### WARNING:

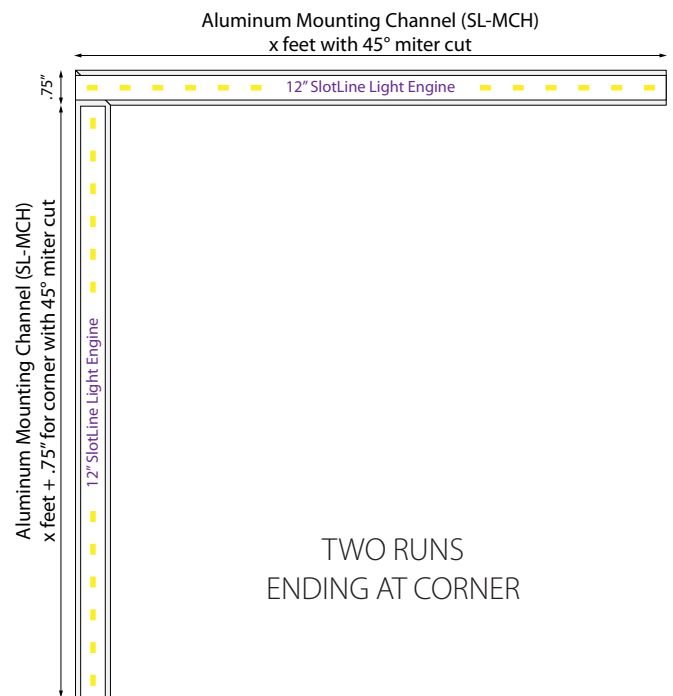
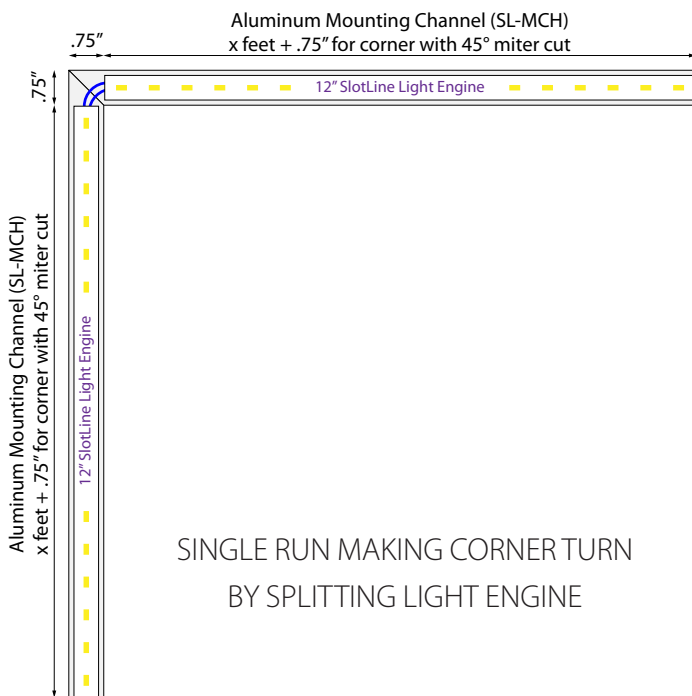
Read and understand these instructions before installing. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved. Turn off main power supply before you start installing SlotLine.

DIMENSIONAL LAYOUT GUIDELINES

90° TURNS, INSIDE CORNERS AND OUTSIDE CORNERS

**IMPORTANT:**

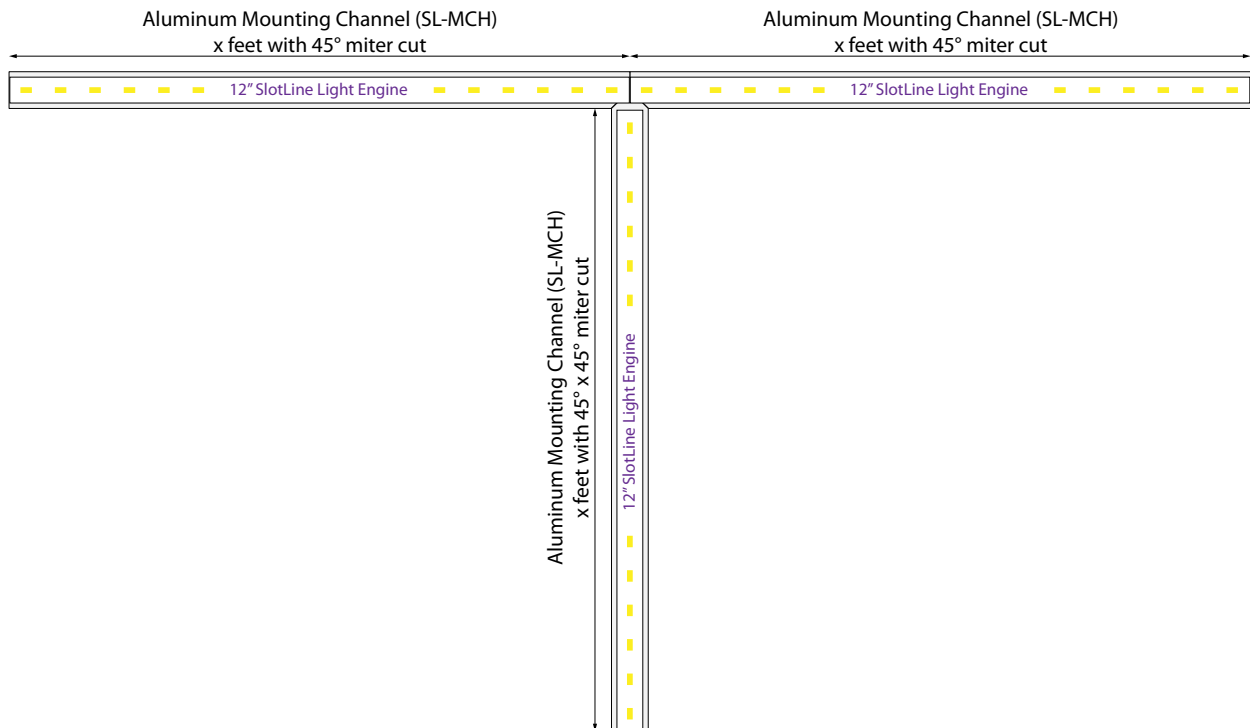
Length of aluminum mounting extrusions determined by how LED light engine runs are set up. Make sure entire layout of job is detailed to show how Light Engine runs navigate corners as shown below.



Layouts also apply to inside and outside corners.

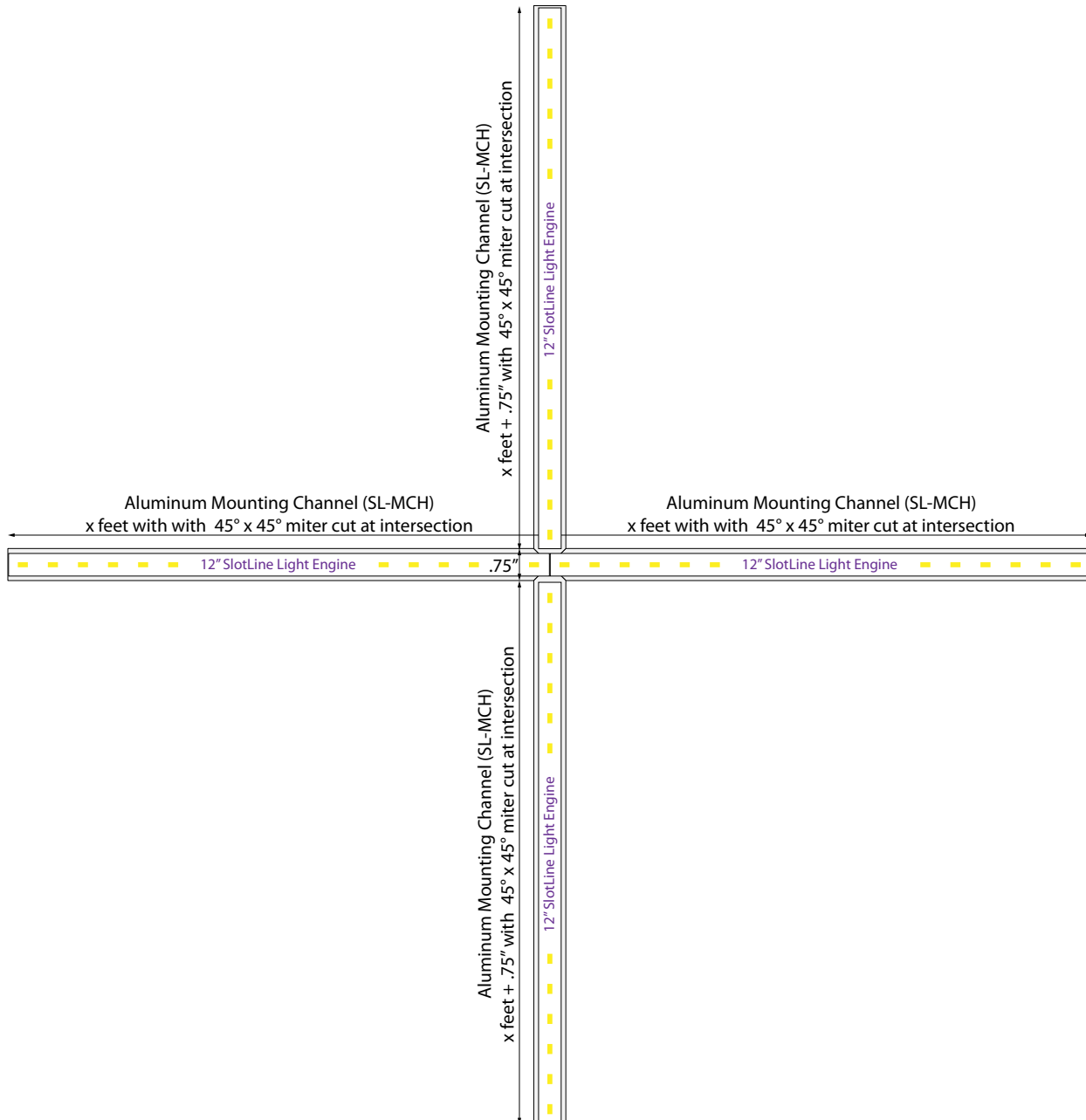
DIMENSIONAL LAYOUT GUIDELINES

T SECTIONS



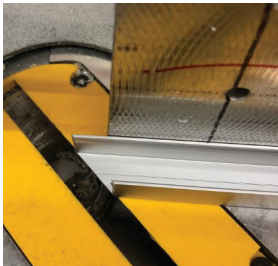
DIMENSIONAL LAYOUT GUIDELINES

CROSS SECTIONS



## CUTTING ALUMINUM MOUNTING CHANNELS

1. Angle Stops **must** be set accurately at 90° & 45° to avoid unsightly gaps causing light lead at the joints.
2. Secure aluminum mounting channel firmly against the fence of saw for precise cuts.
3. Make cuts slowly through aluminum mounting channels to prevent deformation of material.
4. Remove all burrs and sharp edges prior to installation.



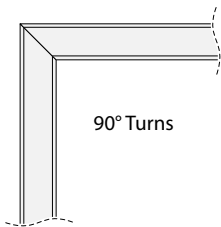
90° Turns



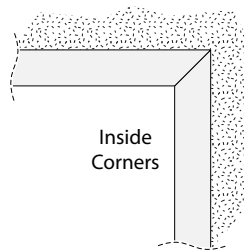
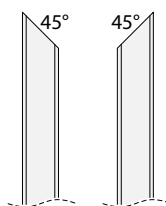
Inside Corners



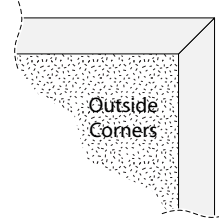
Outside Corners



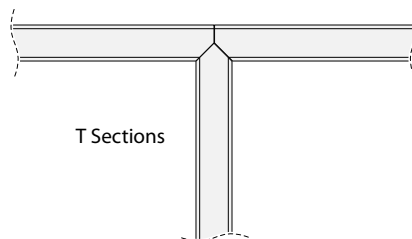
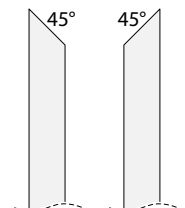
90° Turns



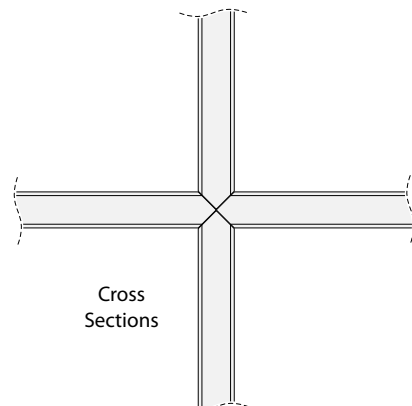
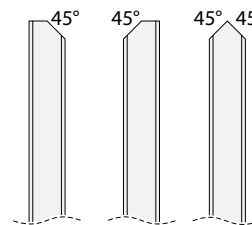
Inside Corners



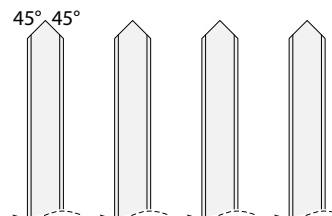
Outside Corners



T Sections



Cross Sections



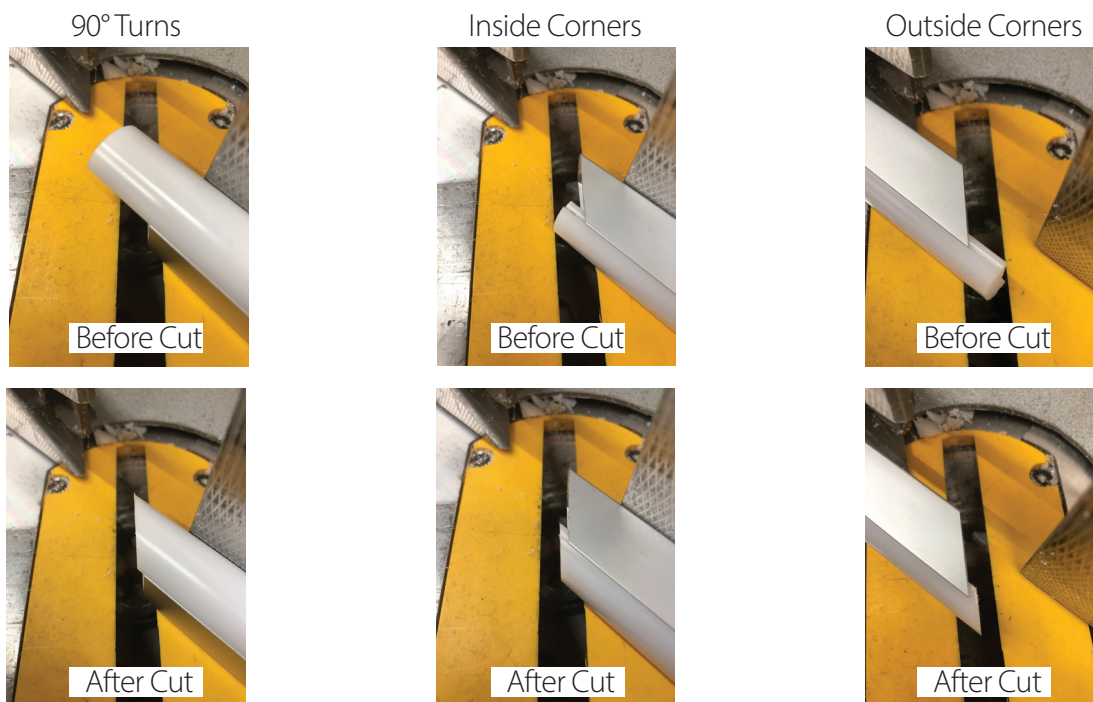
### ANGLE CUTTING LENS

Cutting lenses to length is the final step of installation. DO NOT cut lenses until aluminum mounting channels and LED light engines have been installed and functioning properly - See SlotLine Install sheet for details.

1. After mounting channels and LED light engines are installed take measurements to create a cut list of lens material.
2. Secure end of lens material into a scrap piece of aluminum mounting channel that has same angle as lens.
3. Ensure that enough lens material is protruding past the end of aluminum channel to facilitate a cut that is parallel to the angle of the aluminum, without cutting the channel. See photos below.
4. Secure firmly against fence of saw and slowly cut through lens with miter saw and de-burr cut edges.
5. If one end of lens will be square cut (90°) it is recommended to cut to length from this end. A PVC Ratchet Cutter or multi-purpose blade tool is sufficient for 90° cuts.

#### CAUTION:

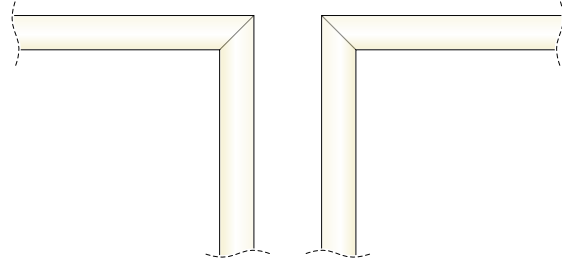
DO NOT ATTEMPT TO CUT THE LENS AND ALUMINUM MOUNTING CHANNEL AT THE SAME TIME.  
This will result in aluminum chards embedding themselves into the lens material.



## ANGLE CUTTING LENS

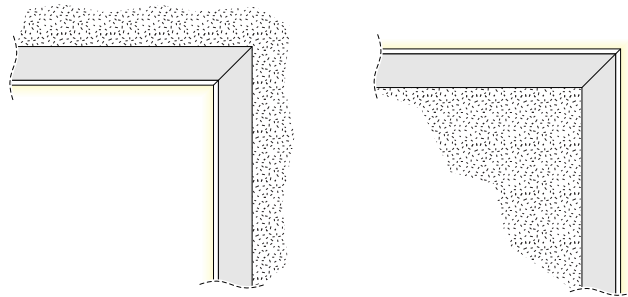
### 90° TURNS

Cut straight down on lens at 45° angles



### INSIDE & OUTSIDE CORNERS

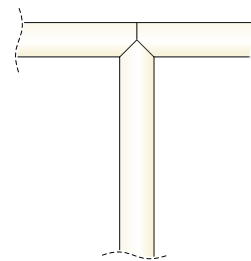
Side cut lens at 45° angles



### T Sections

Split horizontal lens with 90° cut at center point of Vertical section.  
Then cut each section at 45° angle to center line of lens.

Cut end of vertical lens at 45° x 45° angles to fit into notch created with horizontal lenses.



### Cross Sections

Cut ends of all four lenses at 45° x 45° angles.

