MODIX 360

Installation Guide



MODIX 360

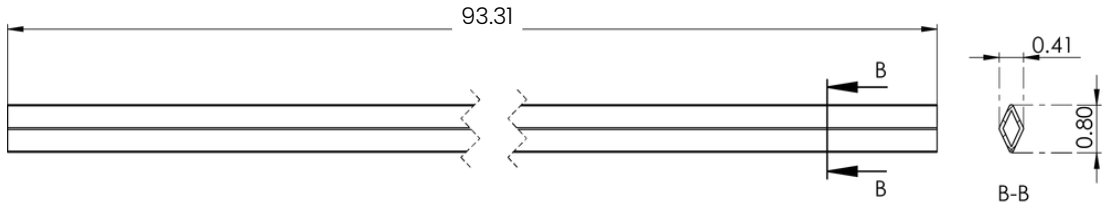
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Thank you for purchasing Allanson's MODIX 360. Please see the guidelines below for preparing a complete stick.

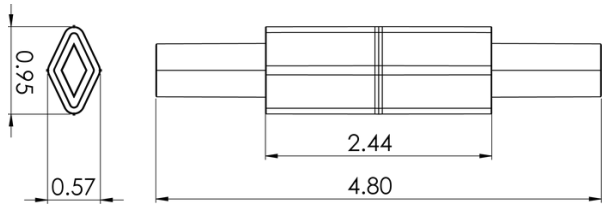
EACH BUNDLE INCLUDES:

- 8 ft extrusions
- Rotatable end caps
- Joiners
- LEDgen3 modules – L307W2TW12B (12V) or L307W2TW24B (24V)
- Power supplies – ACVN125-120-277V (12V) or CV244-120-277 (24V)
- Silicone adhesive
- Cable ties

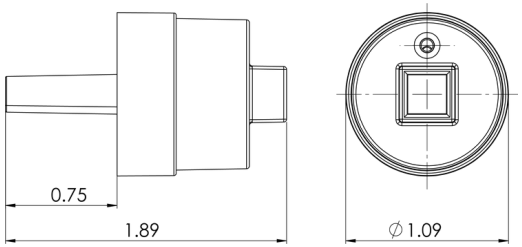
STICK



JOINER



END CAPS



LEDgen3 MODULES



POWER SUPPLIES



SILICONE ADHESIVE



CABLE/ZIP TIES



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PREPARATION FOR THE EXTRUSIONS:

1. Confirm the nominal length you require for your project.
2. ***Read the Extrusion Cutting and Joining Guideline and find out the length of extrusion that needs to be trimmed***
3. Trim the extrusion for nominal length 8 ft or shorter than 8 ft
4. Use a joiner to connect the trimmed extrusion to the full extrusions for nominal length greater than 8 ft
5. ***File the edge*** after trimming the extrusions

JOINER INSTALLATION:

1. Apply silicone inside the joiner slot (See Fig 1). Insert the extrusion and press its end into the joiner slot. Push until the extrusion reaches the end of the joiner. About 1.1 to 1.2 inches of extrusion should slide in the joiner (See Fig 2)
2. Follow the same instructions for the other side of the joiner
3. ***Allow to set*** for 20 to 30 minutes
4. Substitute silicone with quick-set glue (not provided) to obtain a rapid, 5-minute cure time

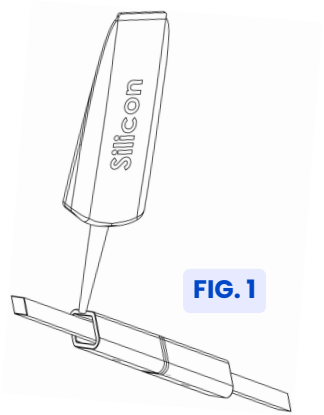


FIG. 1

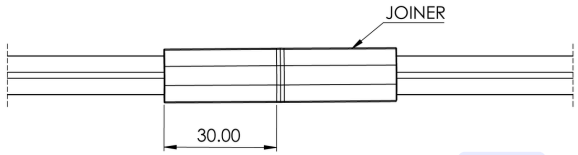


FIG. 2

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MODULE POPULATION:

1. Prepare the string of modules based on the Population Guidelines on the specification sheet
2. ***Confirm the module string length matches the extrusion length by laying the module string alongside the extrusion. Ensure the first and last modules have equal or similar clearance***
3. If the module sits on the joiner, ensure it remains level. Adjust placement so the module does not tilt - use zip tie if necessary
4. Fully stretch and attach the modules along the extrusion until the entire side is filled. The single-sided stick is now complete
5. For a double-sided stick, flip the extrusion over and continue populating modules on the opposite panel

ROTATABLE END CAP INSTALLATION

1. Reconfirm the total extrusion length before installing the Rotatable End Cap
2. Apply silicone inside the edge of the extrusion and the protruding part of the end cap (See Fig 3). Insert the protruding part of the Rotatable End Cap into the extrusion and press it into place
3. Repeat the above for the other end
4. ***Allow to set*** prior to installation
5. Substitute silicone with quick-set glue (not provided) to obtain a rapid, 5-minute cure time

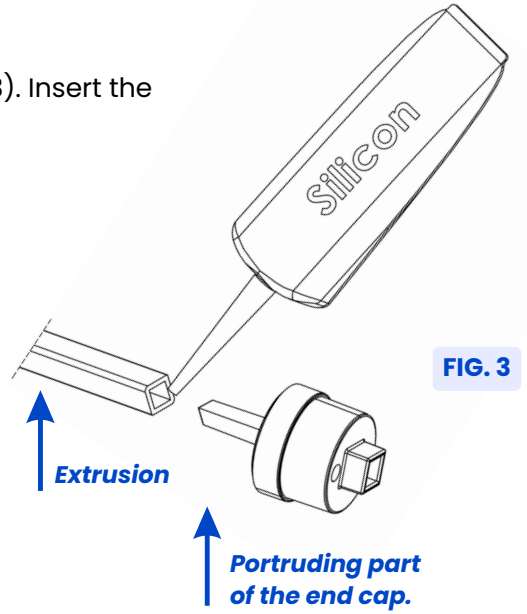


FIG. 3

RECOMMENDATIONS:

- Use cable ties at both ends and the middle of the module string to prevent the modules from slipping or falling over time or when they rest on the joiner
- Non-electrical sockets are available for purchase - P/N 1630, sold separately
- Rotate the sticks and make sure the modules are facing the sign face to maximize light coverage