



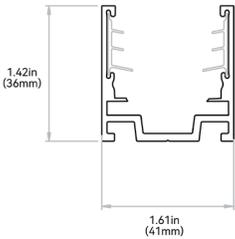
MULTIFLEX ORBIT GX

Installation Manual

Multiflex Orbit GX LED Linear Flex seamlessly combines side and top bending in a single, versatile fixture. Designed for designers, suppliers, and installers, it ensures effortless integration and optimal performance. This IK10 & IP67 rated wall washer/ grazer adapts easily to corners and curved surfaces, delivering a uniform, scallop-free wash of light.

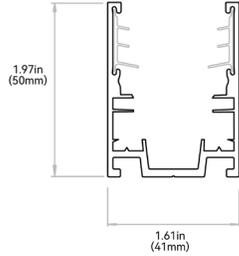
DIMENSIONS

ALUMINUM SILICONE GRIP



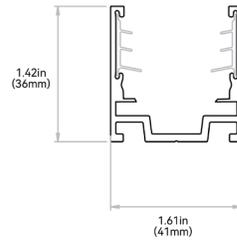
Tolerance: ± 0.01 in (0.3mm)

ALUMINUM SILICONE GRIP WITH RACEWAY



Tolerance: ± 0.01 in (0.3mm)

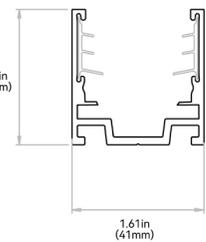
ALUMINUM FLEXIBLE TOP BEND



Tolerance: ± 0.01 in (0.3mm)

Minimum Bending Diameter: 78.74in (2000mm)

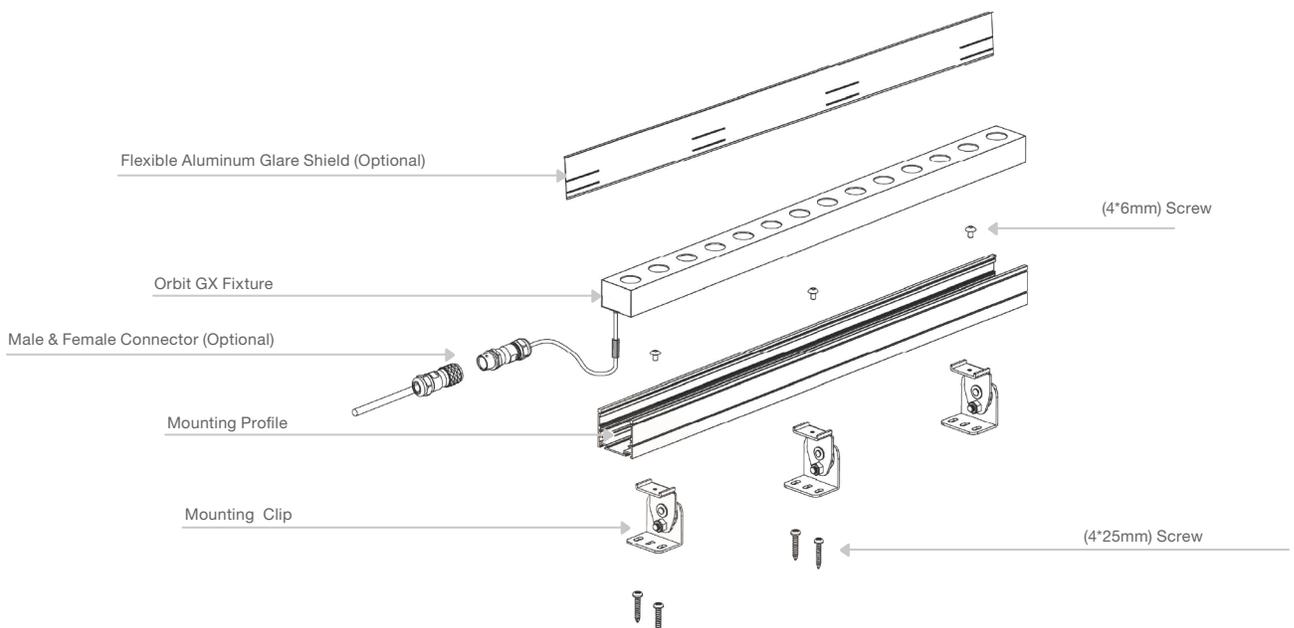
ALUMINUM FLEXIBLE SIDE BEND



Tolerance: ± 0.01 in (0.3mm)

Minimum Bending Diameter: 47.24in (1200mm)

COMPONENTS



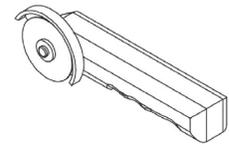
MULTIFLEX ORBIT GX

General Installation

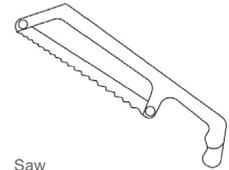
PROFILE CUTTING

If the section end is more than 3.94 in (100 mm) away from the hole, drill a 0.20 in (5 mm) hole 0.79 in (20 mm) away from the end to fasten the profile.

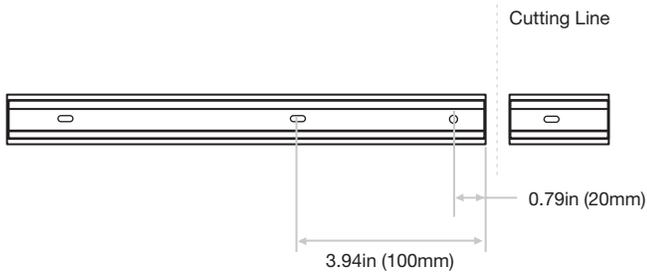
Recommended Cutting Tool



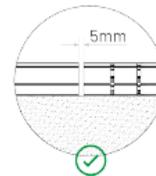
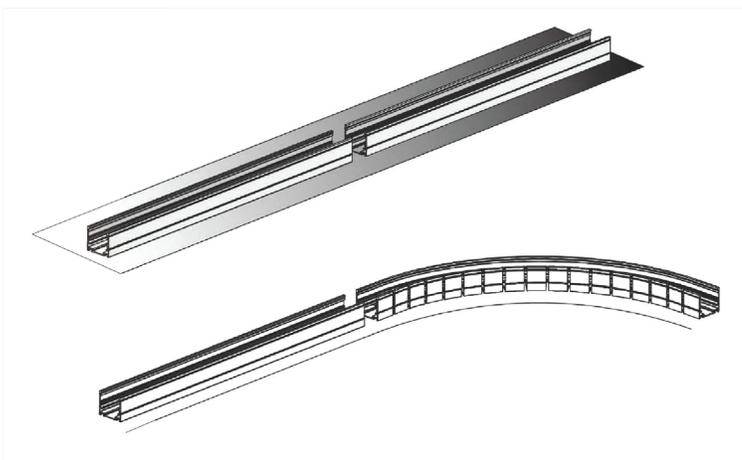
Electric Cutting Machine



Saw



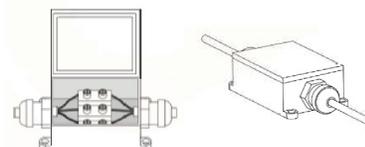
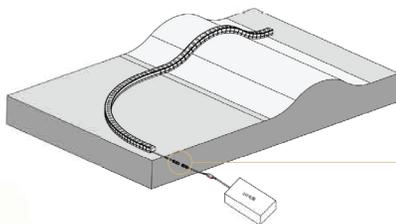
PROFILE JOINTING



Leave ~ 0.20in (5mm) of space between each channel.

CABLE JOINTING

Align the red dots, insert the connectors, then turn clockwise to tighten the connectors. Turn on the fixture and test it.



Please use the professional waterproof box or waterproof connector to do the cable treatment.



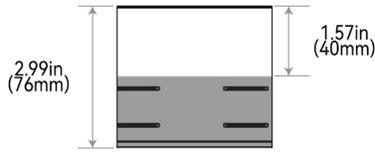
Wrapping the cable with adhesive tape only is not reliable, it will cause water ingress.

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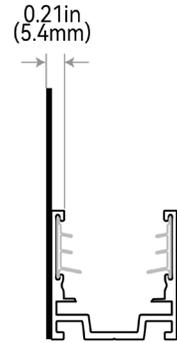


Accessories Installation

FLEXIBLE ALUMINUM GLARE SHIELD

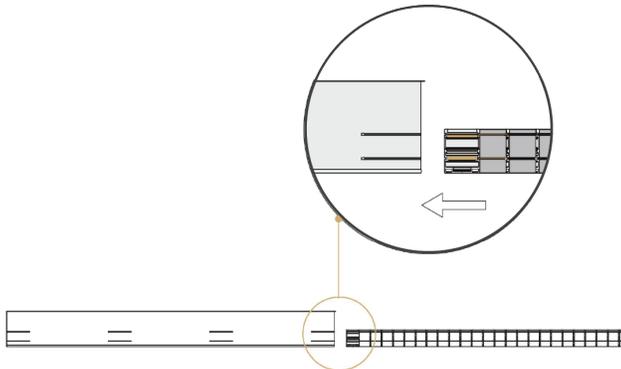


Minimum Bending Diameter: 47.24in (1200mm)
Available Lengths: 39.37in (1000mm) & 78.74in (2000mm)



STEP 1:

Insert the glare shield profile into the slots of the fixture. Once aligned, slide the profile forward until it is fully seated.

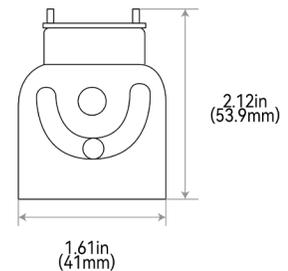


STEP 2:

For curved installations, install the glare shield together with the bendable profile. Maintain a minimum bending diameter of \varnothing 47.24in (1200 mm) to ensure proper shaping and fit.



MOUNTING CLIP



180° Rotation | 304 Stainless Steel

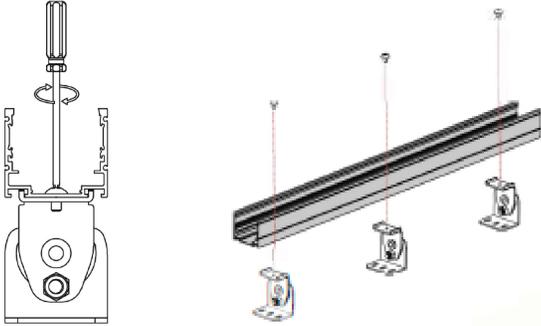


MULTIFLEX ORBIT GX

Accessories Installation

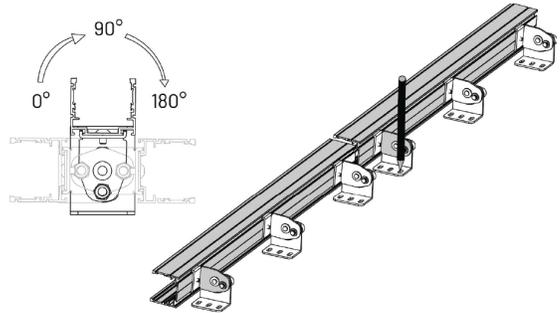
STEP 1:

Use screws to fasten the brackets on the profile. 2~3 brackets are recommended for every 1m of profile.



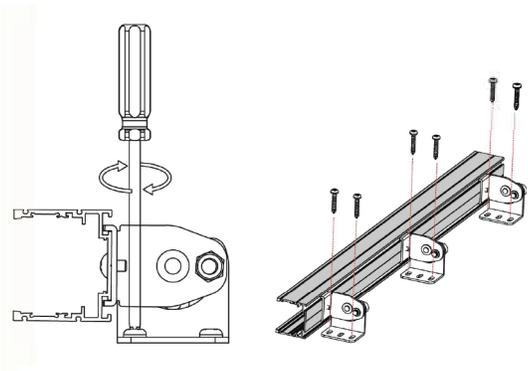
STEP 2:

Rotate the profile to one side and mark out the holes.



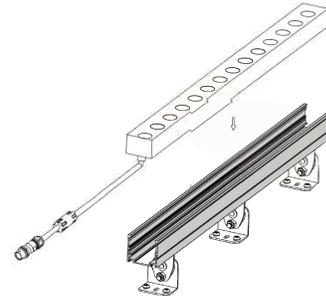
STEP 3:

Fasten the brackets with self-tapping screws.



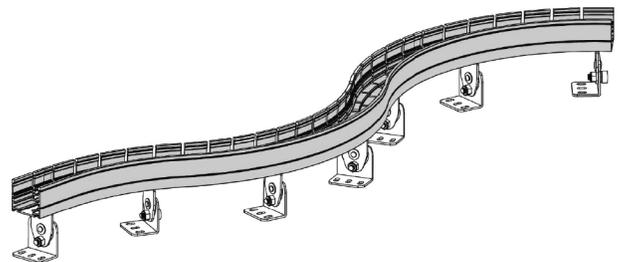
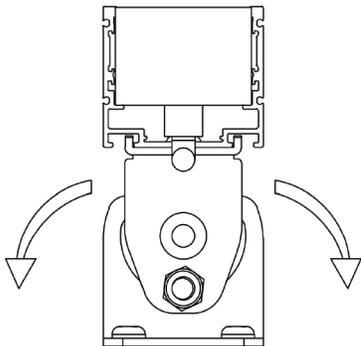
STEP 4:

Rotate the profile upward and install the light (please refer to the instruction of light installation in the next part).



STEP 5:

Turn on the light and adjust the profile to your preferred lighting angle.

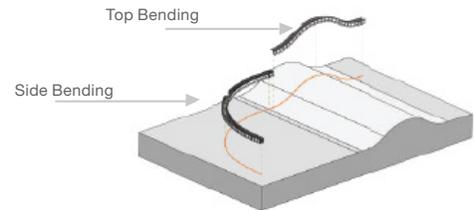
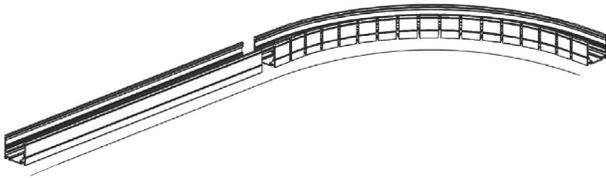


MULTIFLEX ORBIT GX

Profile Installation

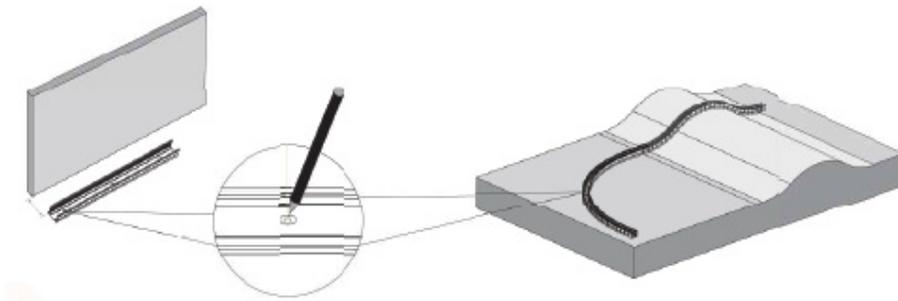
STEP 1:

Mark the desired installation path on the surface.
For curved installations, bend the profile to match the marked path before mounting.



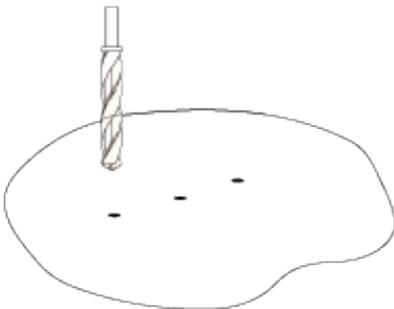
STEP 2:

Position the profile along the marked installation path.
Using the profile as a guide, mark the locations of the mounting holes on the surface.



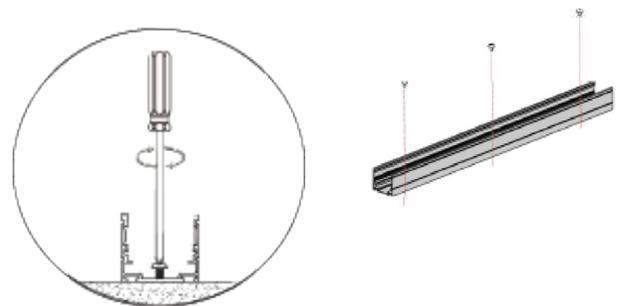
STEP 3:

For concrete surfaces, drill $\text{\O} 0.13\text{in}$ (3.2mm) pilot holes at the marked locations. For wooden surfaces, pilot drilling is not required.



STEP 4:

Fasten the profile to the mounting surface using self-tapping screws. Ensure the profile is firmly secured and follows the intended installation path.

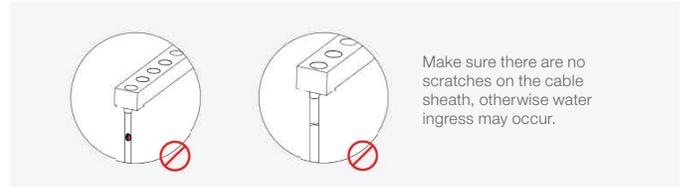
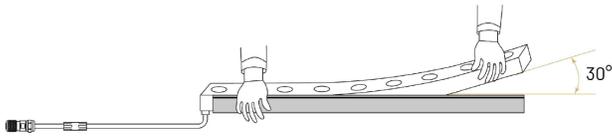


MULTIFLEX ORBIT GX

Fixture Installation

FIXTURE INSTALLATION:

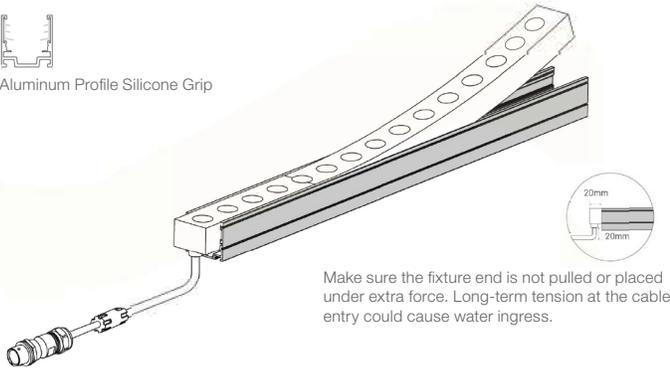
Make sure the angle between the fixture and profile is not bigger than 30°, otherwise inside PCB might be damaged.



When installing, place the light inside the aluminum mounting channel, leave about 20mm of the light out of the profile.



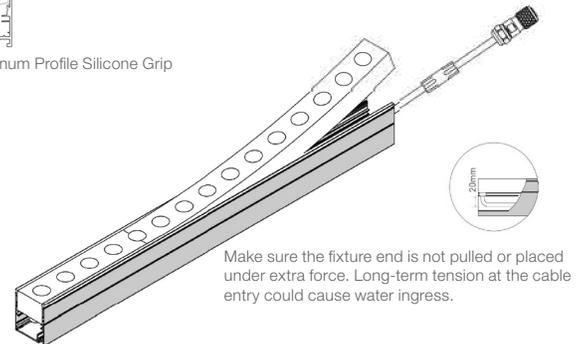
Aluminum Profile Silicone Grip



When installing, the light end can be aligned with the profile end.



Aluminum Profile Silicone Grip



FIXTURE UNINSTALLATION:

Insert a screwdriver at the bottom of fixture and lift the light slowly. Be careful about the angle between the fixture and profile, it should not be bigger than 30°.

