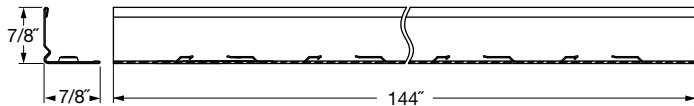


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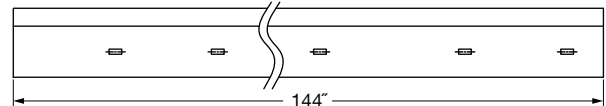
Acoustical Locking Angle: Time saving solution for congested plenum installations

- ✓ Eliminates the need for hanger wire and pop rivets
- ✓ No visible means of attachment between grid and molding
- ✓ Locking tabs for use with 24" wide panels
- ✓ Gussets and mounting rail provide alternative method of grid attachment when straight drops for hanger wire are not possible
- ✓ Reduced labor costs over conventional installation methods in congested plenum



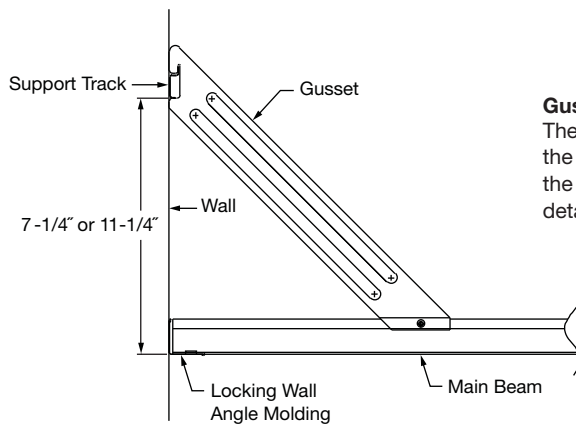
12' Capped Locking Wall Angle Molding (LWA12)

Wall angle molding fabricated from hot-dipped galvanized steel. The molding features patented locking details that receive and hold the main beams at 24" centers.




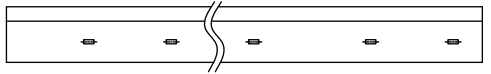
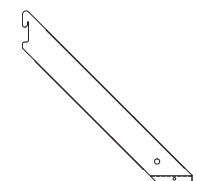
12' Support Track (LAWWT12)

The support track is 12' long and is fabricated from hot-dipped galvanized steel. The track provides a perch for the attachment of the gussets.



Gusset (LWAGU8 & LWAGU12)

The gussets hang on the support rail and extend down to the main beams that span the space, providing support for the grid system. Gussets are installed every 24" or 48" as detailed in the system design.

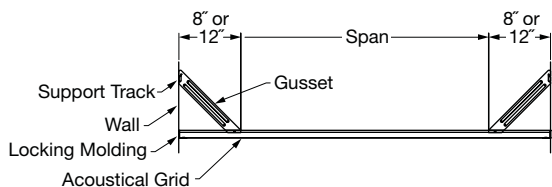
Item #	Description	Dimension	Details
LWA12	12' Capped Locking Wall Angle Molding (Locking Tabs 24" on center)	144" x 7/8" x 7/8"	
LAWWT12	12' Support Track	144" x 1-3/8" x 7/16"	
LWAUG12 LWAUG08	Gusset for 12" Mounting Gusset for 8" Mounting	17" x 2-1/2" 12" x 2-1/2"	

New!

Acoustical Locking Angle: Time saving solution for congested plenum installations

Load Chart

Item #	Product Description	6' Wide Corridor	7' Wide Corridor
		4' Span (lbs/lf)	5' Span (lbs/lf)
7300	144 x 15/16" x 1-11/16"	12.8	6.35
7301	144 x 15/16" x 1-11/16"	16.73	8.73



How to install Locking Angle Molding:

- Lay out the space to provide equal borders at opposite sides of the room. Borders should be greater than 1/2 the dimension of the panel whenever possible. Establish a level line at the elevation shown in the construction documents.
- Cut and install the first section of locking angle molding so that the center mark at the first lock is positioned to receive the first main beam. Attach the molding to the walls with fasteners appropriate for the construction. The locking details must be on the horizontal leg of the molding.
- Continue to install sections of molding along this first wall by butting factory cut ends together. Trim shorter sections of molding carefully to maintain 12" from the cut end to the center mark of the first lock.
- Extend a line (laser or string) across the space at the center mark of the first lock. Make sure that this line is set 90° to the surface of the wall where molding has been attached.
- Trim a length of molding to position the center mark at the reference line on the opposite wall. Continue installing sections of molding butted end-to-end.
- The molding installed on the walls parallel to the mains should be oriented with the locking details on the vertical flange, or use standard angle molding.

How to install Support Track:

- Attach support tracks to the wall above the locking angle molding.
- Hold the bottom edge of the support track 7-1/4" for 8" gusset, or 11-1/4" for 12" gusset above the horizontal flange of the locking angle molding.
- Fasten the support tracks to the structure of the wall using fasteners appropriate for the construction. The support track sections have pre-punched holes spaced every 4" along their length to facilitate attachment.

How to install Main Beams:

- Cut and install main beams to extend across the space.
- Measure and cut carefully. Rout placement is not important when a single ceiling plank is to extend wall to wall. However, when more than one panel will span the space, main beams must be cut to maintain alignment of the rout holes.
- Engage the ends of the Mains into the locking details on the molding by first sliding the grid flange under the tab to the left, then back under the right hand tab.

Note: Some installations will have main beams installed every 2' while others will have mains at 4' interconnected with cross tees.

How to install Gussets:

- Hang the gussets on the support track over every end of every main beam.
- Insert a #6 x 7/16" long sheet metal screw through the hole provided in the gusset and into the bulb of the main beam.

Specified ceiling panels can now be cut and installed to complete the installation.

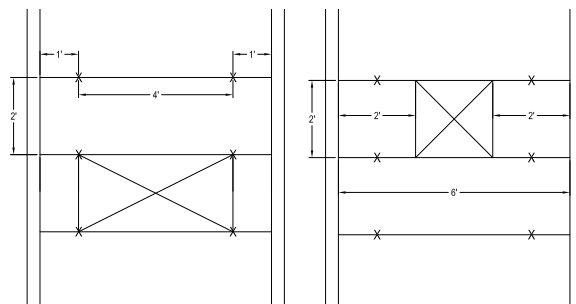
Maximum Fixture Weight

LIGHT FIXTURE

A. Main Runner to Main Runner

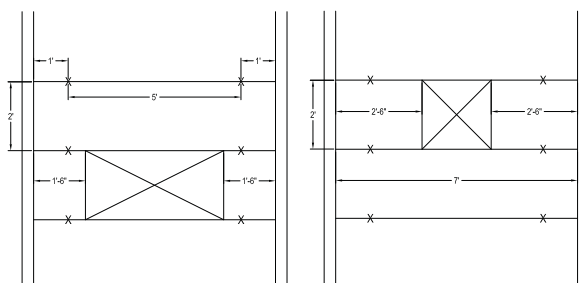


6' Wide Corridor



1. Fixture	24" x 48"	24" x 24"
2. Planning Module	72" x 24"	72" x 24"
3. Gusset Spacing	24"	24"
4. Item 7300	90.74 lbs.	57.29 lbs.
Item 7301	118.05 lbs.	76.45 lbs.

7' Wide Corridor



1. Fixture	24" x 48"	24" x 24"
2. Planning Module	84" x 24"	84" x 24"
3. Gusset Spacing	24"	24"
4. Item 7300	43.09 lbs.	18.56 lbs.
Item 7301	57.78 lbs.	30.35 lbs.