

Millwork - Recessed Flange - 60° Mounting Angle



Millwork - Recessed Flange - 60° Mounting Angle is a recessed luminaire designed for seamless integration into 3/8 in. wide by 3/8 in. deep milled slots on shelves, desks, counters, and wall panels. Optimized for pressboard panels, including melamine-faced surfaces commonly used in kitchens and cabinetry, this profile combines functionality with refined aesthetics. Its angled back allows for effortless installation, while internal retention ridges securely hold the light engine in place. The flanges provide a clean, polished finish, concealing slot edges and masking rough or chipped cuts for a flawless, professional result.

⚠ Important Information

1. This product is intended to be mounted under shelving and cabinets.
2. This product requires a 24V DC Class 2 power supply.
3. Suitable for installation in the storage area of a clothes closet in the USA only.



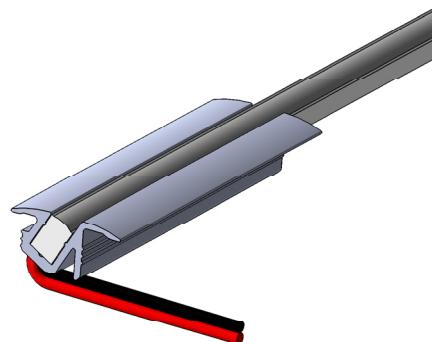
Required Tools

- ROUTER
- 3/8" STRAIGHT ROUTER BIT



Supplied Components

The following items may vary according to the configuration, and will be provided as applicable.



Factory Pre Wired End Piece



Installation Recommendation

Should a squared recess be required, employ a chisel to pare the ends after routing. This will remove the radiused profile produced by the router bit, ensuring a tight, square, and precise fit.



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Factory pre wired end piece
Installation steps

01.

Position the 24V DC Class 2 power supply in a suitable location within 30 feet of the desired fixture location.

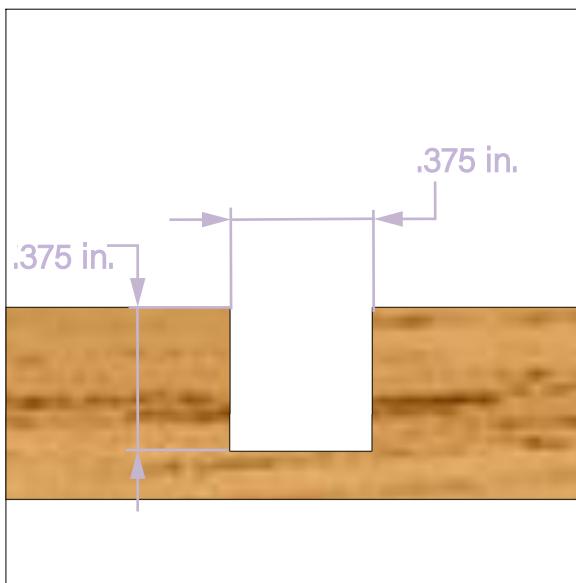
NOTE: Longer distances are acceptable when using a thicker 12 AWG wire.

02.

Bring 24V low-voltage in-wall rated wires to the desired fixture location.

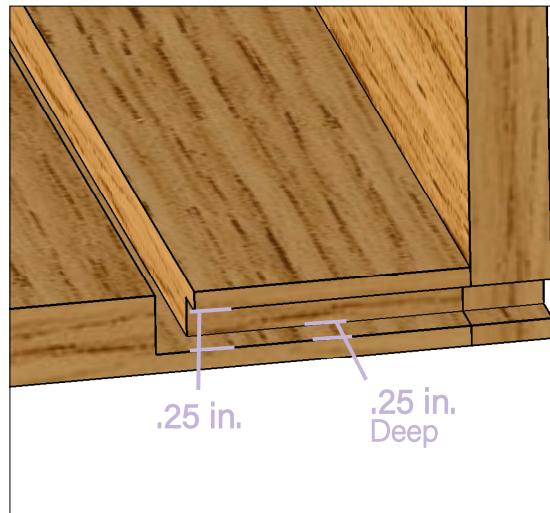
03.

Use a router bit to cut a 1/4in. wide by 3/8in. deep slot the length of your channel where you want it installed in the wood.



04.

Make square groove on the side of the wood in the desired position, long enough for the lead wire to pass through from the mounting location of the channel.



05.

Insert the longest section down into the square groove.



NOTE: Use wood-to-metal glue for a more secure bond.



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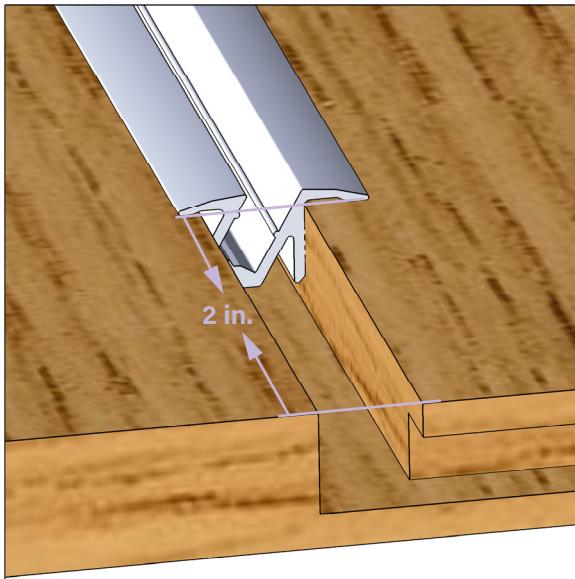


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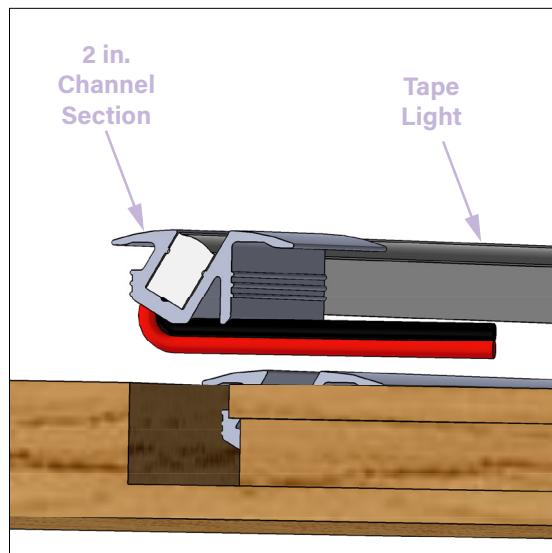
06.

Securely press the channel into the groove until flanges sits perfectly on the base. Leave 2 in. space to install factory pre wired end piece.



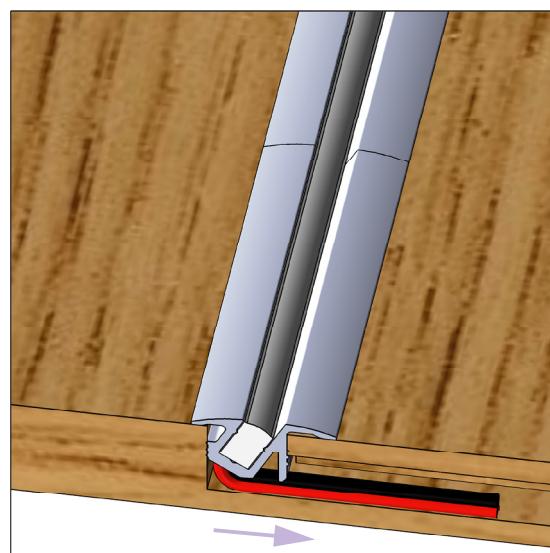
07.

Install the factory pre wired end piece and gently press the tape light into the channel. The side nubs inside the channel hold the tape in place.



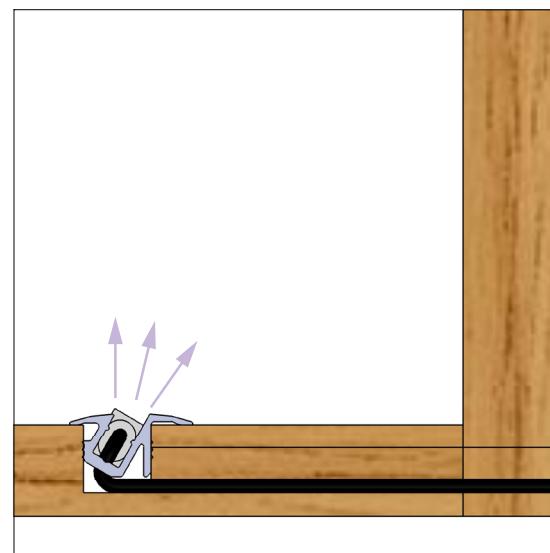
08.

Feed the tape light lead wire through the pre-cut square groove. Connect LED tape lead to low-voltage in wall rated wire.



09.

Turn on lights to check the LED tape is working properly.



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Without factory pre wired end piece Installation steps

01.

Position the 24V DC Class 2 power supply in a suitable location within 30 feet of the desired fixture location.

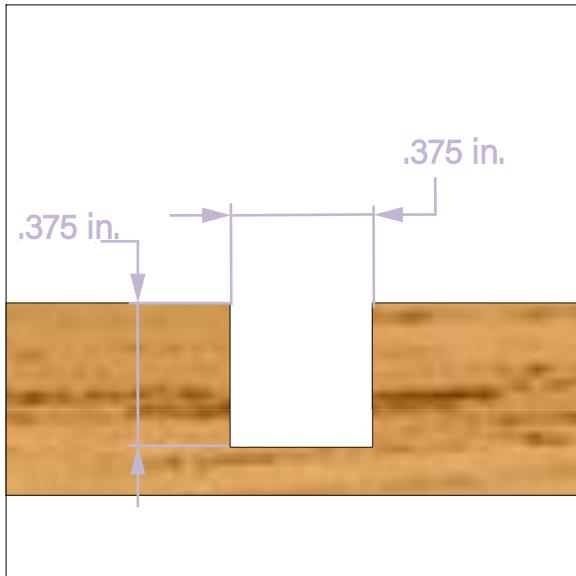
NOTE: Longer distances are acceptable when using a thicker 12 AWG wire.

02.

Bring 24V low-voltage in-wall rated wires to the desired fixture location.

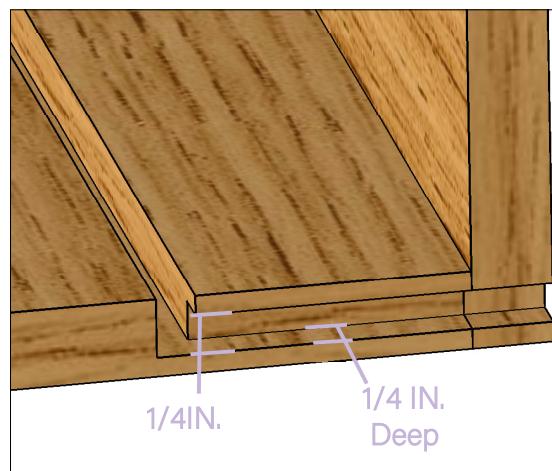
03.

Use a router bit to cut a 1/4in. wide by 3/8in. deep slot the length of your channel where you want it installed in the wood.



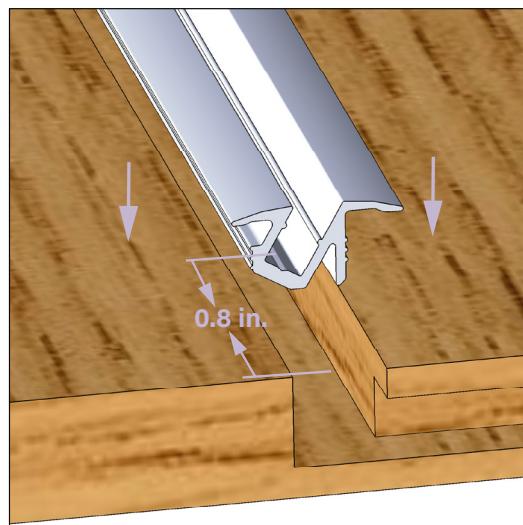
04.

Make square groove on the side of the wood in the desired position, long enough for the lead wire to pass through from the mounting location of the channel.



05.

Securely press the channel into the groove until flanges sits perfectly on the base. Leave 0.8 in. space for wire routing.

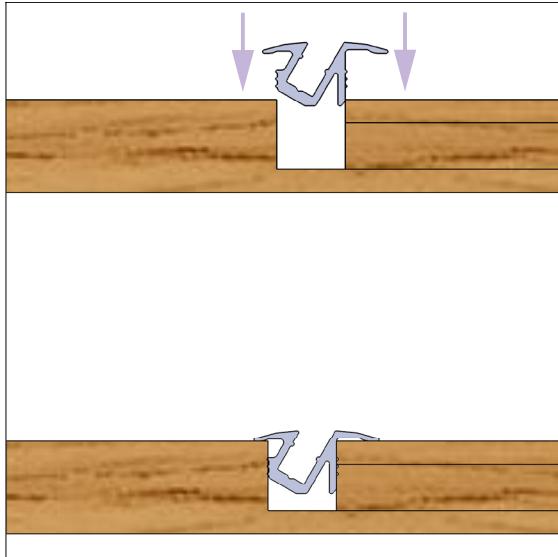


NOTE: Use wood-to-metal glue for a more secure bond.

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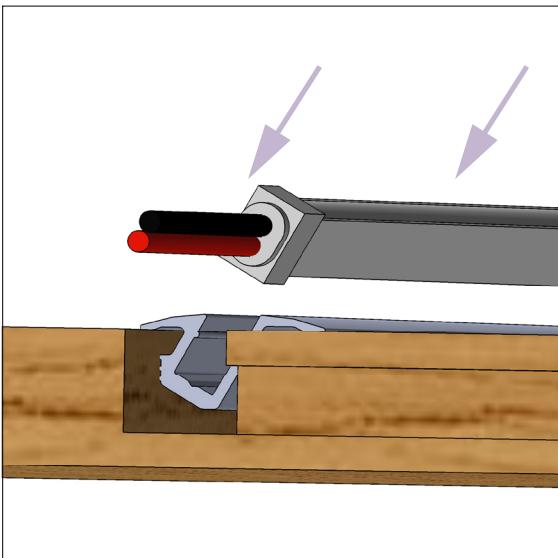
06.

Make sure channel flanges sits evenly on the Surface.



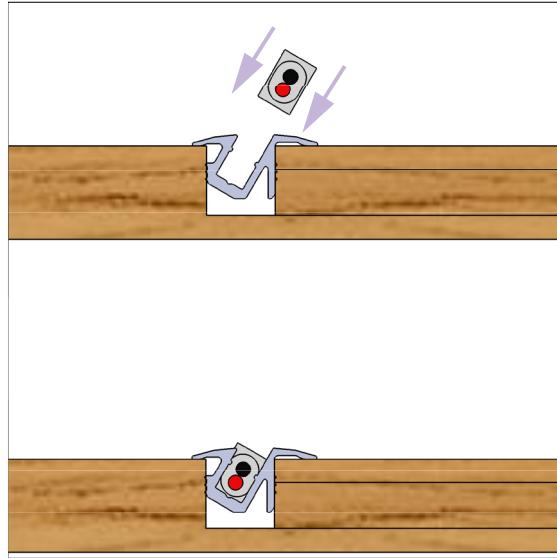
07.

Gently press Nano Neon into the channel. Retention ridges inside the channel will securely hold the tape in place.



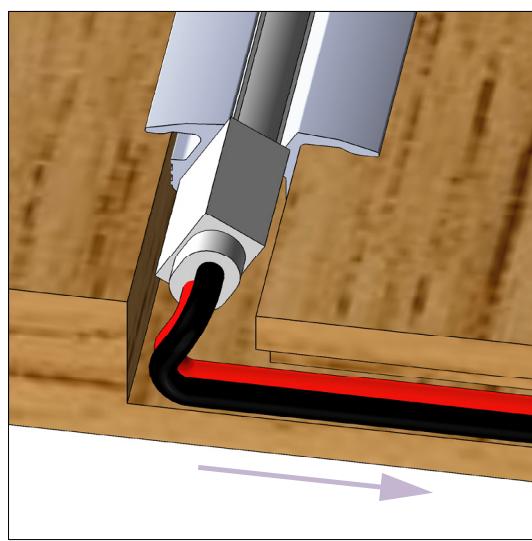
08.

Make sure LED tape perfectly sits at the bottom of the channel cavity.



09.

Feed the tape light lead wire through the pre-cut square groove. Connect LED tape lead to low-voltage in wall rated wire.



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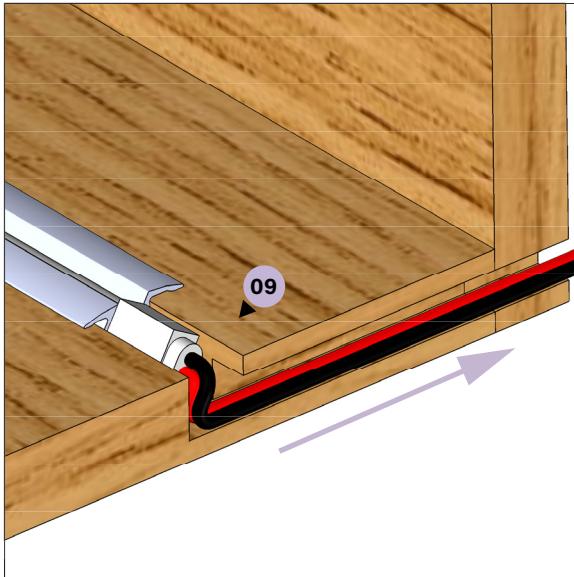


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10.

Turn on lights to check the LED tape is working properly.

