

# Millwork - Surface Mount - 90° Mounting Angle - Up/Down - 1/2 in. Shelves



Millwork - Surface Mount - 90° Mounting Angle - Up/Down - 1/2 in. Shelves is a precision-crafted luminaire designed for 1/2 in. shelving, providing both upward and downward illumination from the back of the shelf. Engineered for seamless integration, it features a notched drill guide for easy power access and internal retention ridges that securely hold the light engine in place, ensuring a clean and professional installation.

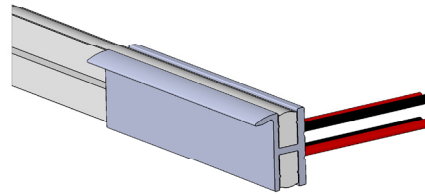
## ⚠ Important Information

1. This product is intended to be mounted at the back of a shelf.
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.



## Supplied Components

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



Factory pre wired end piece

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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.

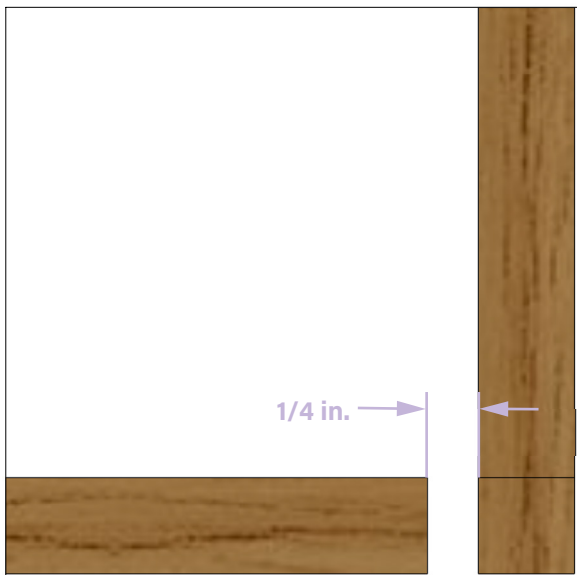
NOTE: Longer distances are acceptable when using a thicker 12 AWG wire.

#### 02.

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

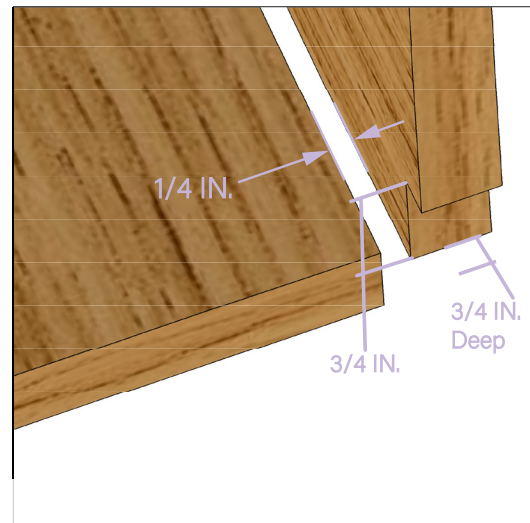
#### 03.

Leave 1/4 in. gap between the base and back panel.



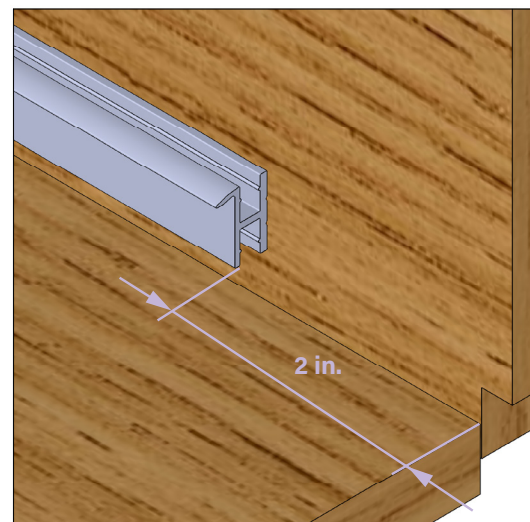
#### 04.

Make square groove on the back panel in the desired position, long enough for the lead wire to pass through from the mounting location.



#### 05.

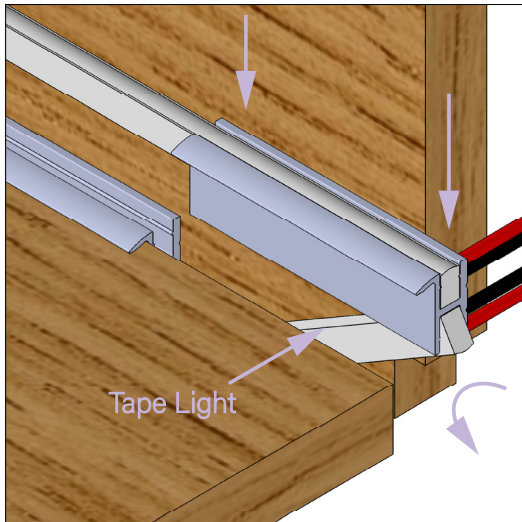
Insert the channel into the space between the base & back panel until the flanges sit on the base. Leave 2 in. space for Factory pre wired end piece



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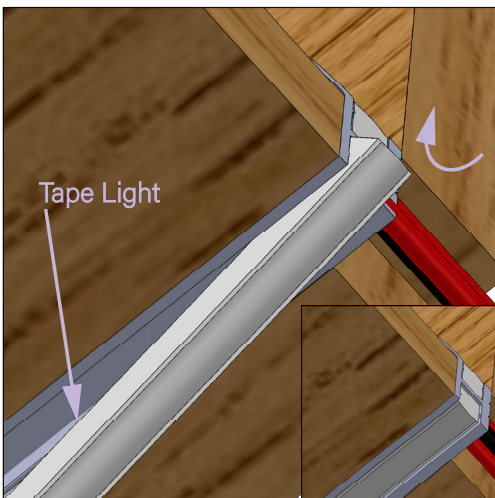
**06.**

Turn gently counterclockwise the Bottom tape light and pass it through the 1/4 in. space. Gently press the factory pre-wired end piece. Retention ridges inside the channel will securely hold the tape in place.



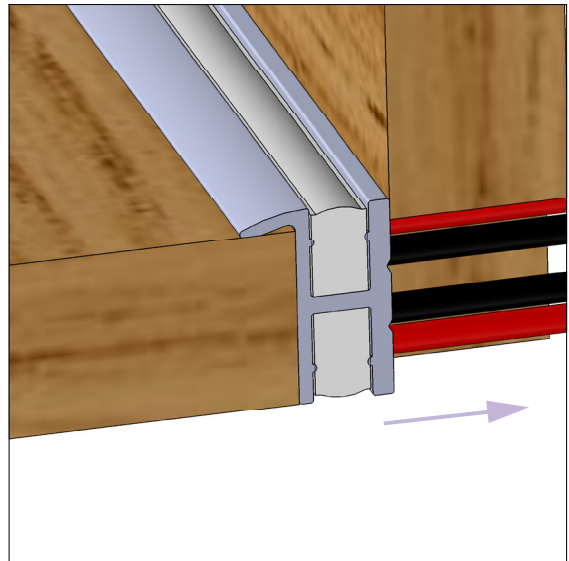
**07.**

Gently press bottom tape light into channel. Retention ridges inside the channel will securely hold the tape in place.



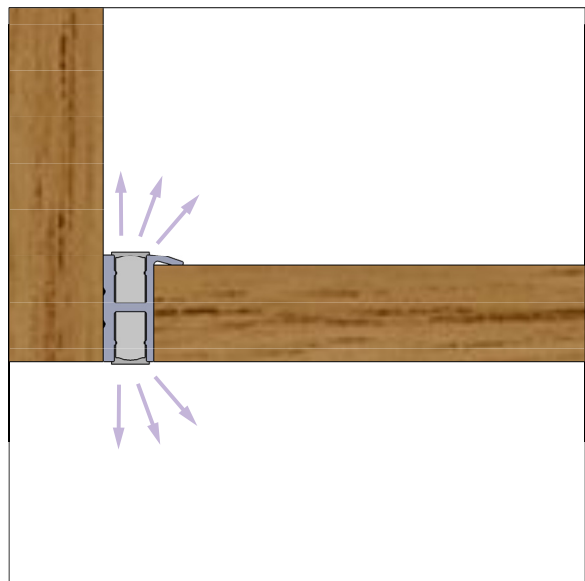
**08.**

Feed the tape light lead wire through the pre-cut square groove and connect it to the low-voltage in-wall rated wires.



**09.**

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



# Millwork - Surface Mount - 90° Mounting Angle - Up/Down - 1/2 in. Shelves

✂ 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.

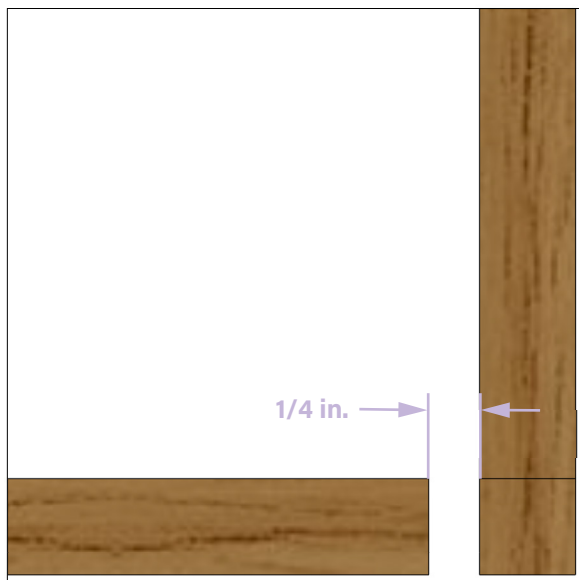
NOTE: Longer distances are acceptable when using a thicker 12 AWG wire.

## 02.

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

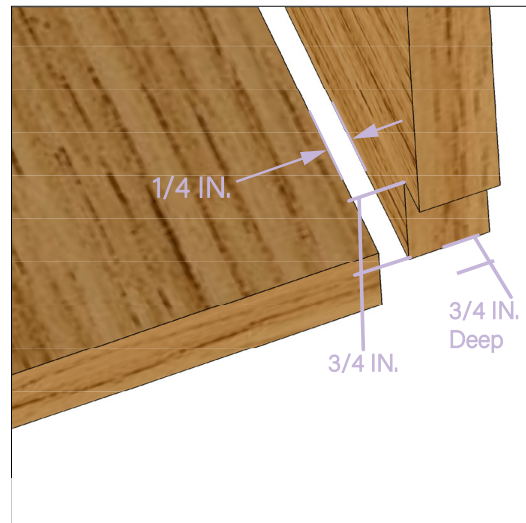
## 03.

Leave 1/4 in. gap between the base and back panel.



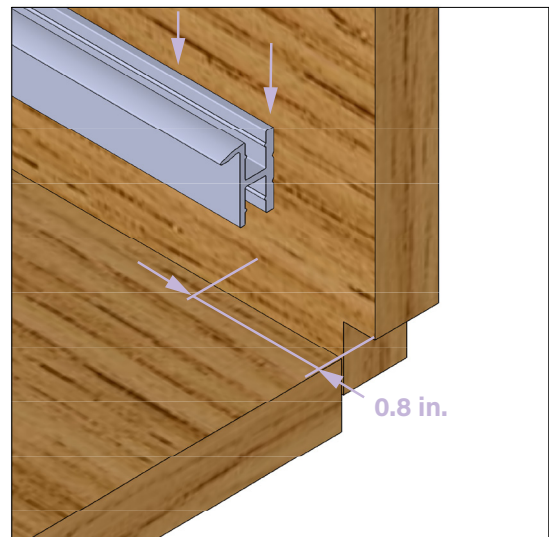
## 04.

Make square groove on the back panel in the desired position, long enough for the lead wire to pass through from the mounting.



## 05.

Insert the channel into the space between the base & back panel until the flanges sit on the base. Leave 0.8 in. space for wire routing.

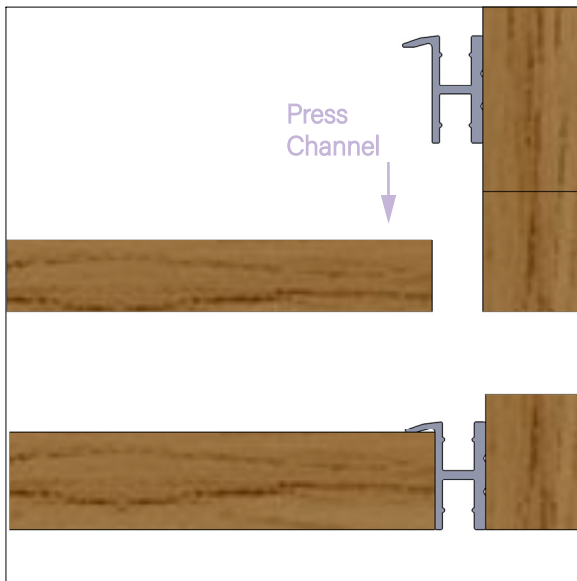




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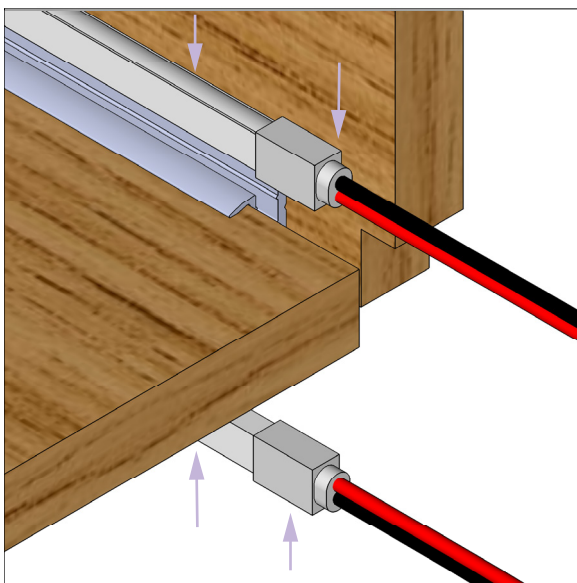
**06.**

The drop-in channel hang off the back of the 1/2 in. thick shelf.



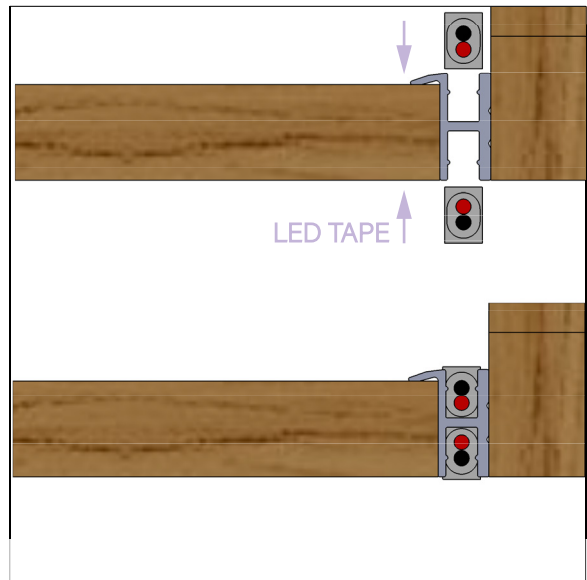
**07.**

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



**08.**

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



**09.**

Feed the tape light lead wire through the pre-cut square groove and connect it to the low-voltage in-wall rated wires.

