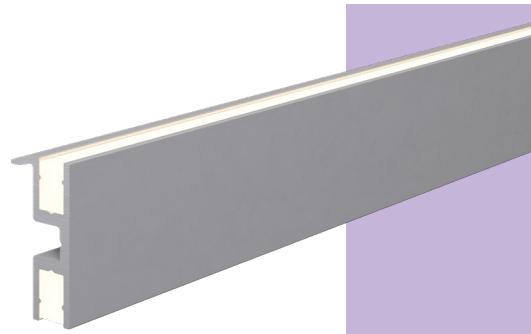


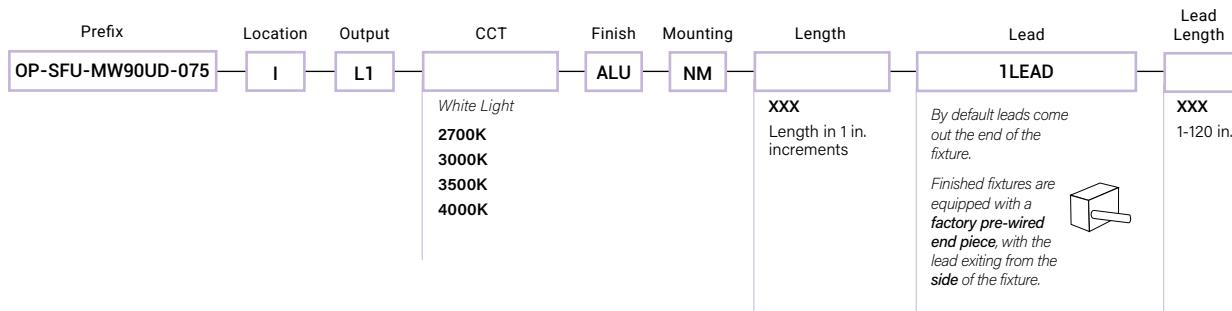
# Millwork - Surface Mount - 90° Mounting Angle - Up/Down - 3/4 in. Shelves

## Specification Submittal

Millwork - Surface Mount - 90° Mounting Angle - Up/Down - 3/4 in. Shelves is designed for woodwork and millwork applications and is a luminaire specifically crafted for 3/4 in. shelving, delivering both upward and downward illumination from the back of the shelf. Engineered for effortless installation with a notched drill guide for power access and retention ridges that securely hold the light engine in place.



## i System Builder for Fixture

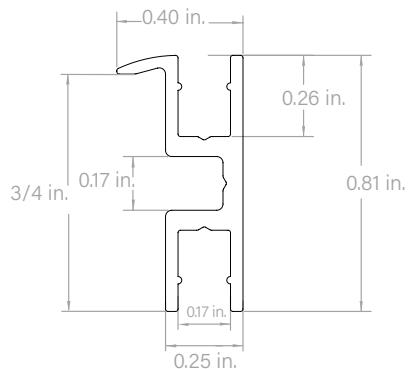


## Features & Benefits

- Complete fixture includes factory pre-wired end piece for easy and fast installation
- Flawless, continuous smooth glow of light with no inconsistencies
- Designed specifically for 3/4 in. shelves
- Flanges conceal rough edges and create a clean, polished appearance
- Retention ridges inside the profile securely hold the light engine in place, ensuring a smooth and straightforward installation
- Create a precise 5/32 in. hole along the V-grooved drill guide for power access exactly where needed, or neatly route wires through the channel's end
- Concealed wire conduit provides routing of wires within the channel
- Superior color rendering
- High R9 and R13 values
- 2-step MacAdam ellipse for unparalleled quality and consistency
- Complete UL Listed Luminaire

## Dimensions

### Fixture Cross Section



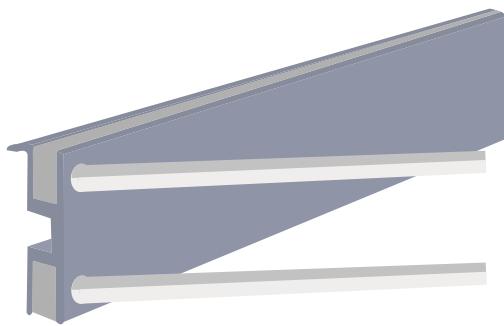
Fixtures are supplied with Optique's remote Universal power supply supporting 0-10, 1-10V, MLV, ELV dimming and voltage input from 100V-277V.

# Millwork - Surface Mount - 90° Mounting Angle - Up/Down - 3/4 in. Shelves

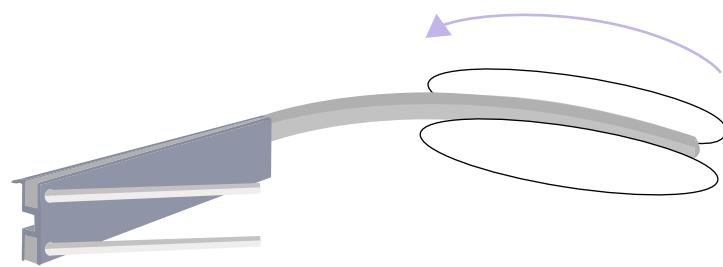
Specification Submittal

## Fixture Configuration Upon Delivery

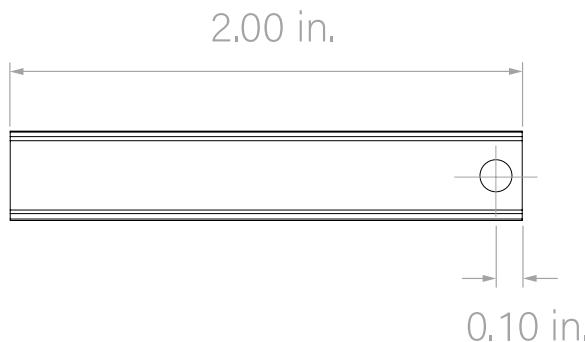
All fixtures are shipped **pre-configured for easy installation**. Each unit includes a **Factory Pre-Wired End Piece**, ensuring a clean and efficient wire management solution. This feature eliminates the need for additional wiring through the channel, allowing for a streamlined installation process.



Factory Pre-Wired End Piece



Light engine roll with Factory Pre-Wired End Piece



Factory Pre-Wired End Piece Back View Dimensions

# Millwork - Surface Mount - 90° Mounting Angle - Up/Down - 3/4 in. Shelves

## Specification Submittal

### Output

Indoor

White Light

L-Level		L1
Lumens (per ft.)	<b>2700K</b>	244
	<b>3000K</b>	246
	<b>3500K</b>	266
	<b>4000K</b>	286
<b>Wattage</b> (per ft.)		6.8
<b>Max Run Length*</b> (ft.)		14.11
<b>Max Run Length*</b> (ft.) (1 Driver per row)		21.25
<b>Closet Rated</b>		✓

\*Maximum individual fixture per power feed.

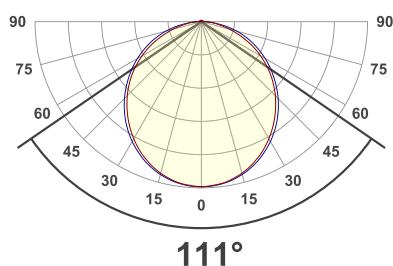
### Photometry

1 ft., 3000K Millwork-Surface Mount - 90° Mounting Angle - Fixture

#### LUMEN SUMMARY

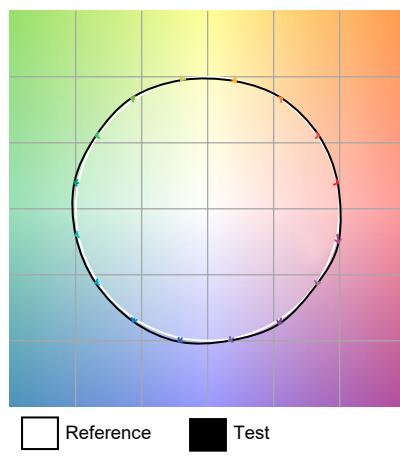
Zone	Lumens	% Fixture
0° - 15°	8.94 lm	7.27%
0° - 30°	32.8 lm	26.66%
0° - 45°	64.2 lm	52.19%
0° - 60°	94.2 lm	76.58%
0° - 75°	115 lm	93.49%
0° - 90°	121 lm	98.37%

#### ANGULAR DISTRIBUTION 0 - 90°



#### COLOR VECTOR GRAPHIC

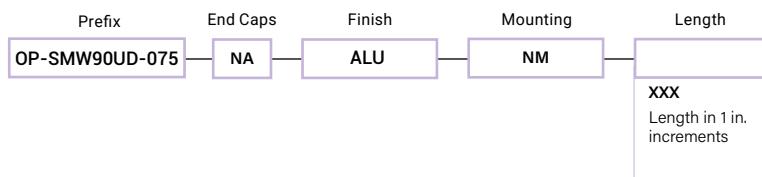
		Graphic shifts (%)	
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	97	0%	0%
2	98	1%	-1%
3	96	1%	-1%
4	96	-1%	-2%
5	98	-1%	1%
6	97	2%	1%
7	96	1%	1%
8	95	3%	0%
9	96	2%	0%
10	96	2%	-1%
11	96	2%	0%
12	94	3%	-2%
13	95	1%	-4%
14	94	3%	-4%
15	95	1%	-2%
16	92	2%	-6%



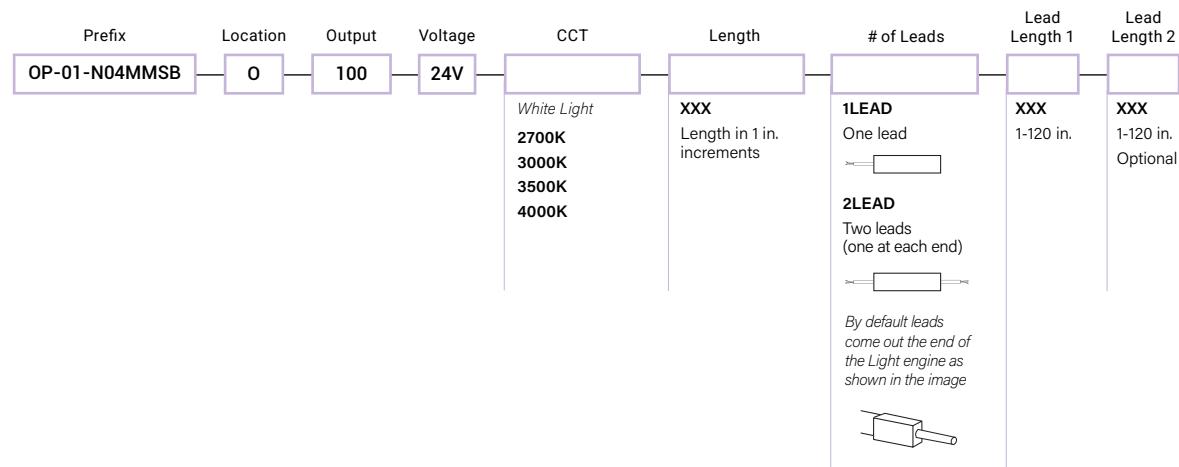
# Millwork - Surface Mount - 90° Mounting Angle - Up/Down - 3/4 in. Shelves

Specification Submittal

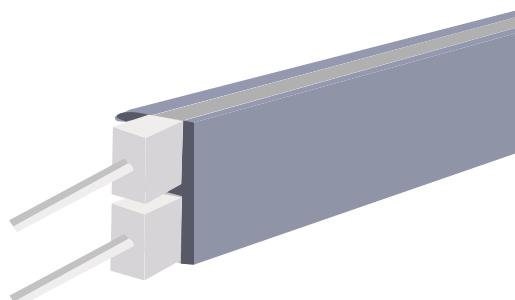
## i System Builder for Channel Only



## i System Builder for Light Engine Only



Light Engine with Sleeve



Light Engine Sleeve stays outside the channel

# Millwork - Surface Mount - 90° Mounting Angle - Up/Down - 3/4 in. Shelves

Specification Submittal

## **i** Stocked SKU's for Channel

SKU	Description
OP-SMW90UD-075-NA-ALU-NM-48	Millwork - Surface Mount - 90 Degree Mounting Angle - Up/Down - 3/4 in. Shelves, Anodized Aluminum Finish, 48 in. length

## **i** Stock SKU's for Light Engine

SKU	Description
OP-01-N04MMSB-O-100LM-24V-2700K-25	25 in. NanoNeon - 100 Lumens per foot - 2700K - 24V
OP-01-N04MMSB-O-100LM-24V-3000K-25	25 in. NanoNeon - 100 Lumens per foot - 3000K - 24V
OP-01-N04MMSB-O-100LM-24V-3500K-25	25 in. NanoNeon - 100 Lumens per foot - 3500K - 24V
OP-01-N04MMSB-O-100LM-24V-4000K-25	25 in. NanoNeon - 100 Lumens per foot - 4000K - 24V
OP-01-N04MMSB-O-100LM-24V-2700K-37	37 in. NanoNeon - 100 Lumens per foot - 2700K - 24V
OP-01-N04MMSB-O-100LM-24V-3000K-37	37 in. NanoNeon - 100 Lumens per foot - 3000K - 24V
OP-01-N04MMSB-O-100LM-24V-3500K-37	37 in. NanoNeon - 100 Lumens per foot - 3500K - 24V
OP-01-N04MMSB-O-100LM-24V-4000K-37	37 in. NanoNeon - 100 Lumens per foot - 4000K - 24V
OP-01-N04MMSB-O-100LM-24V-2700K-48	48 in. NanoNeon - 100 Lumens per foot - 2700K - 24V
OP-01-N04MMSB-O-100LM-24V-3000K-48	48 in. NanoNeon - 100 Lumens per foot - 3000K - 24V
OP-01-N04MMSB-O-100LM-24V-3500K-48	48 in. NanoNeon - 100 Lumens per foot - 3500K - 24V
OP-01-N04MMSB-O-100LM-24V-4000K-48	48 in. NanoNeon - 100 Lumens per foot - 4000K - 24V
OP-01-N04MMSB-O-100LM-24V-2700K-97	97 in. NanoNeon - 100 Lumens per foot - 2700K - 24V
OP-01-N04MMSB-O-100LM-24V-3000K-97	97 in. NanoNeon - 100 Lumens per foot - 3000K - 24V
OP-01-N04MMSB-O-100LM-24V-3500K-97	97 in. NanoNeon - 100 Lumens per foot - 3500K - 24V
OP-01-N04MMSB-O-100LM-24V-4000K-97	97 in. NanoNeon - 100 Lumens per foot - 4000K - 24V
OP-01-N04MMSB-O-100LM-24V-2700K-125	125 in. NanoNeon - 100 Lumens per foot - 2700K - 24V
OP-01-N04MMSB-O-100LM-24V-3000K-125	125 in. NanoNeon - 100 Lumens per foot - 3000K - 24V
OP-01-N04MMSB-O-100LM-24V-3500K-125	125 in. NanoNeon - 100 Lumens per foot - 3500K - 24V
OP-01-N04MMSB-O-100LM-24V-4000K-125	125 in. NanoNeon - 100 Lumens per foot - 4000K - 24V
OP-01-N04MMSB-O-100LM-24V-2700K-196	1 spool of 16.4 ft. NanoNeon - 100 Lumens per foot - 2700K - 24V
OP-01-N04MMSB-O-100LM-24V-3000K-196	1 spool of 16.4 ft. NanoNeon - 100 Lumens per foot - 3000K - 24V
OP-01-N04MMSB-O-100LM-24V-3500K-196	1 spool of 16.4 ft. NanoNeon - 100 Lumens per foot - 3500K - 24V
OP-01-N04MMSB-O-100LM-24V-4000K-196	1 spool of 16.4 ft. NanoNeon - 100 Lumens per foot - 4000K - 24V