

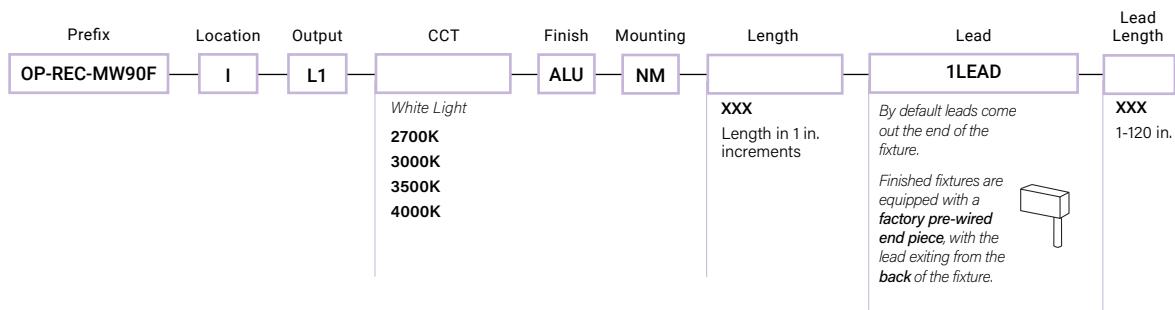
# Millwork - Recessed Flange - 90° Mounting Angle

## Specification Submittal

Millwork - Recessed Flange - 90° Mounting Angle is a recessed luminaire crafted for precise integration into 1/4 in. wide by 3/8 in. deep milled slots on shelves, desks, and counters. Tailored for particle board panels, including melamine-faced surfaces often used in kitchens and cabinetry, this profile offers both functionality and refined aesthetics. Its angled back ensures effortless installation, while the retention ridges inside the profile hold the light engine securely in place. The flanges provide a polished appearance by covering slot edges and masking any rough cuts or chipped edges, creating a seamless, professional result.

Project Name: Project Location: Fixture Type: SKUs:  

## i System Builder for Fixture



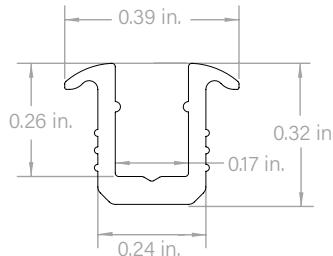
## Features & Benefits

- Complete fixture includes factory pre-wired end piece for easy and fast installation
- Flawless, continuous smooth glow of light with no inconsistencies
- Chamfered edged back effortlessly directs the channel into the milled slot, ensuring swift and hassle-free installation
- Flanges hide imperfections and uneven edges resulting from slot milling
- Retention ridges inside the profile securely hold the light engine in place, ensuring a smooth and straightforward installation
- External retention ridges grip the wood or particle board to securely hold the channel in place
- 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.
- Superior color rendering
- High R9 and R13 values
- 2-step MacAdam ellipse for unparalleled quality and consistency
- Complete UL Listed Luminaire

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

## Dimensions

### Fixture Cross Section

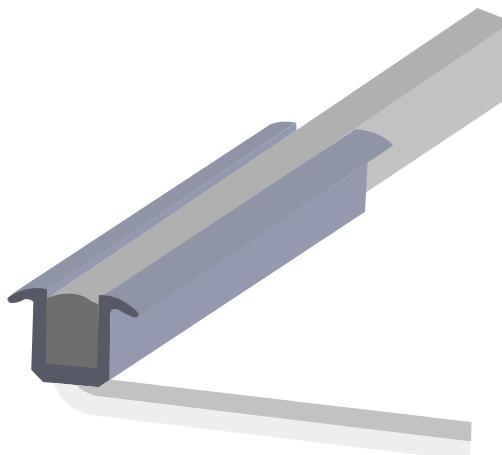


# Millwork - Recessed Flange - 90° Mounting Angle

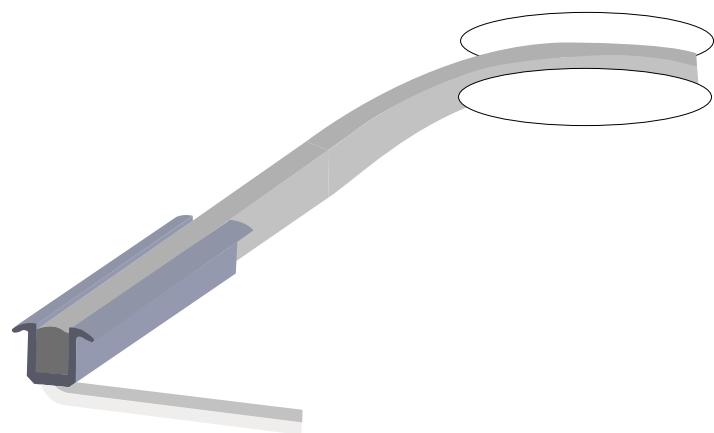
Specification Submittal

## Fixture Configuration Upon Delivery

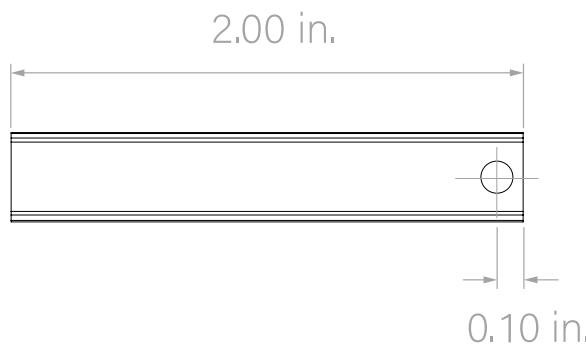
All fixtures are shipped **pre-configured for easy installation**. Each unit includes a **Factory Pre-Wired End Piece**, ensuring a clean and efficient wire management solution. This feature eliminates the need for additional wiring through the channel, allowing for a streamlined installation process.



Factory Pre-Wired End Piece



Light engine roll with Factory Pre-Wired End Piece



Factory Pre-Wired End Piece Back View Dimensions

# Millwork - Recessed Flange - 90° Mounting Angle

Specification Submittal

## Output

Indoor

White Light

L-LEVEL		L1
Lumens (per ft.)	2700K	122
	3000K	123
	3500K	133
	4000K	143
Wattage (per ft.)		3.4
Max Run Length* (ft.)		21.25
Closet Rated		✓

\*Maximum individual fixture per power feed.

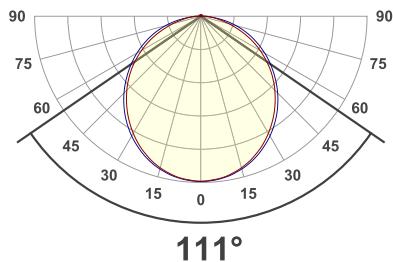
## Photometry

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

### LUMEN SUMMARY

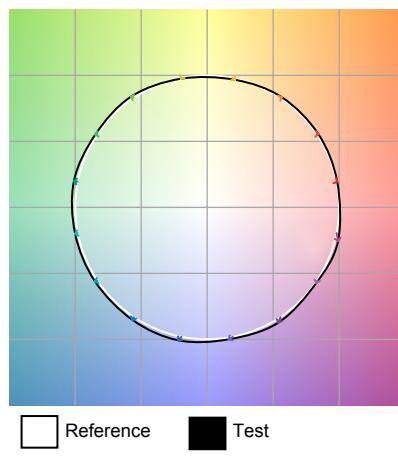
Zone	Lumens	% Fixture
0° - 15°	8.94 lm	7.27%
0° - 30°	32.8 lm	26.66%
0° - 45°	64.2 lm	52.19%
0° - 60°	94.2 lm	76.58%
0° - 75°	115 lm	93.49%
0° - 90°	121 lm	98.37%

### ANGULAR DISTRIBUTION 0 - 90°



### COLOR VECTOR GRAPHIC

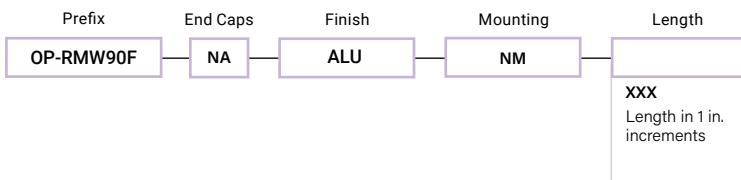
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	97	0 %	0 %
2	98	1 %	-1 %
3	96	1 %	-1 %
4	96	-1 %	-2 %
5	98	-1 %	1 %
6	97	2 %	1 %
7	96	1 %	1 %
8	95	3 %	0 %
9	96	2 %	0 %
10	96	2 %	-1 %
11	96	2 %	0 %
12	94	3 %	-2 %
13	95	1 %	-4 %
14	94	3 %	-4 %
15	95	1 %	-2 %
16	92	2 %	-6 %



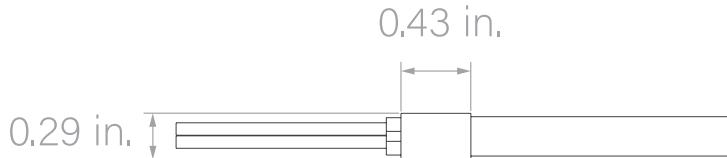
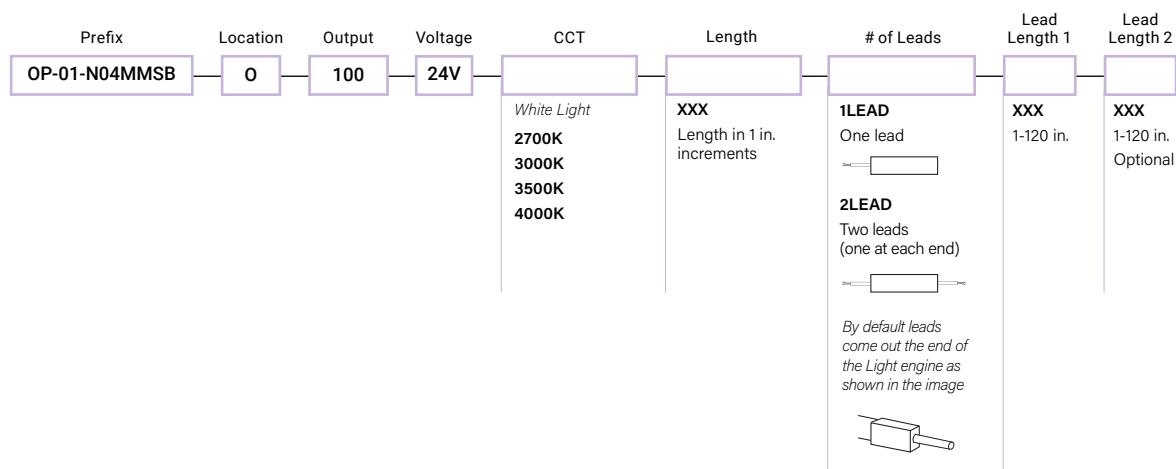
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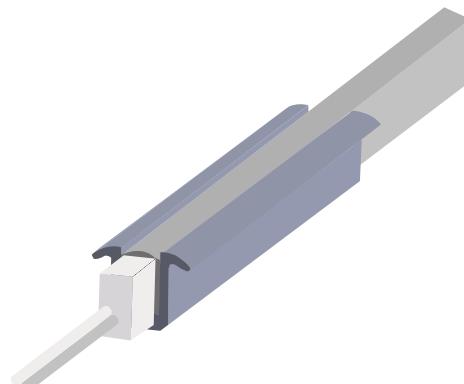
## i System Builder for Channel Only



## i System Builder for Light Engine Only



Light Engine with Sleeve



# Millwork - Recessed Flange - 90° Mounting Angle

Specification Submittal

## i Stocked SKU's for Channel

SKU	Description
OP-RMW90F-NA-ALU-NM-48	Millwork - Recessed Flange - 90 Degree Mounting Angle, Anodized Aluminum Finish, 48 in. length

## i Stocked 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