

Millwork - Recessed - Dovetail -

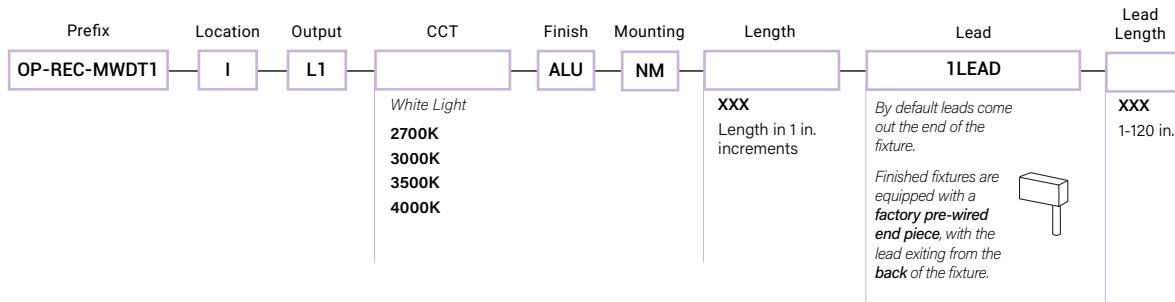
3/8 in. x 9° Router Bit

Specification Submittal

Millwork - Recessed - Dovetail - 3/8 in. x 9° Router Bit offers a precise, slide-in solution for dovetail slots, securing seamlessly without adhesives or press-fit installation. Ideal for millwork, cabinetry, and custom furniture and is engineered for effortless installation with a notched drill guide for power access and retention ridges inside the profile that securely hold the light engine in place.

Project Name: Project Location: Fixture Type: SKUs: 

System Builder for Fixture



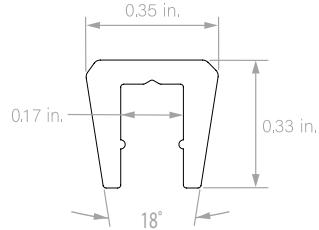
Features & Benefits

- Complete fixture includes factory pre-wired end piece for easy and fast installation
- Flawless, continuous smooth glow of light with no inconsistencies
- Engineered to fit 3/8 in. wide x 9° dovetail in hardwood and millwork applications
- Slides neatly into the slot, securing itself firmly without requiring adhesives or additional fastening methods
- 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
- Optional anodized end caps provide a polished finish, adding a distinctive touch of architectural style. These end caps have a V-groove drill guide for optional power access
- 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



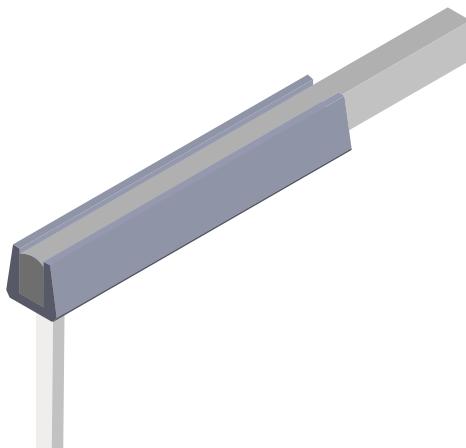
Fixtures are supplied with Optique's remote Universal power supply supporting 0-10, 1-10V, MLV, ELV dimming and voltage input from 100V-277V.

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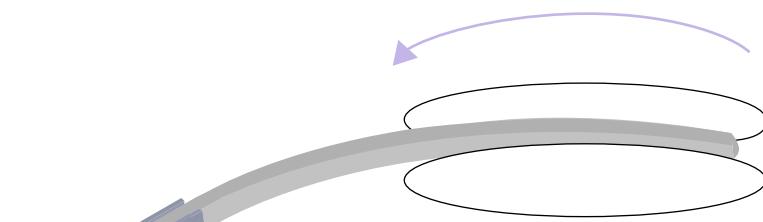
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Fixture Configuration Upon Delivery

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

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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.

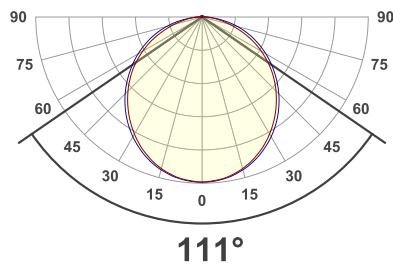
Photometry

1 ft., 3000K Millwork - Recessed - Dovetail - 3/8 in. x 9° Router Bit - Fixture

LUMEN SUMMARY

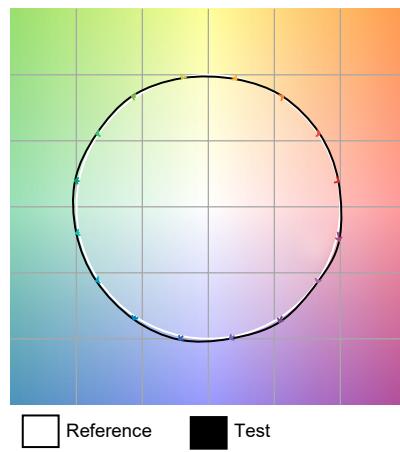
| Zone | Lumens | % Fixture |
|----------|---------|-----------|
| 0° - 15° | 8.94 lm | 7.27% |
| 0° - 30° | 32.8 lm | 26.66% |
| 0° - 45° | 64.2 lm | 52.19% |
| 0° - 60° | 94.2 lm | 76.58% |
| 0° - 75° | 115 lm | 93.49% |
| 0° - 90° | 121 lm | 98.37% |

ANGULAR DISTRIBUTION 0 - 90°



COLOR VECTOR GRAPHIC

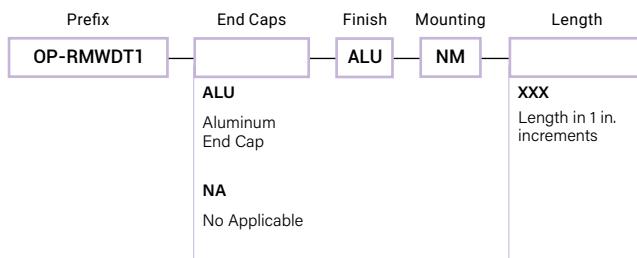
| | | Graphic shifts (%) | |
|---------|----------------|--------------------|-----|
| Hue Bin | R _f | Chroma | Hue |
| 1 | 97 | 0% | 0% |
| 2 | 98 | 1% | -1% |
| 3 | 96 | 1% | -1% |
| 4 | 96 | -1% | -2% |
| 5 | 98 | -1% | 1% |
| 6 | 97 | 2% | 1% |
| 7 | 96 | 1% | 1% |
| 8 | 95 | 3% | 0% |
| 9 | 96 | 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% |



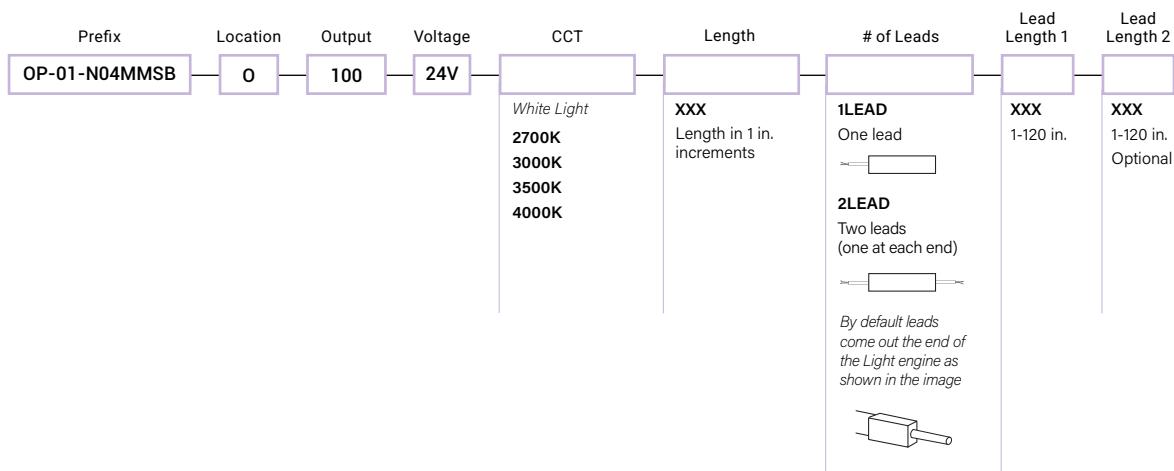
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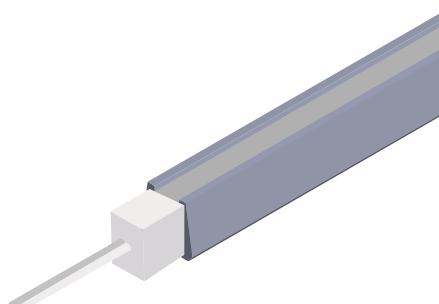
i System Builder for Channel Only



i System Builder for Light Engine Only



Light Engine with Sleeve



Millwork - Recessed - Dovetail -

3/8 in. x 9° Router Bit

Specification Submittal

i Stock SKU's for Channel

| SKU | Description |
|------------------------|---|
| OP-RMWDT1-NA-ALU-NM-48 | Millwork - Recessed - Dovetail - 3/8 in. x 9 Degree Router Bit, 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 |