

# PERFECT FIT™

MICRO Fixture Series by Northwest LED

|          |
|----------|
| Job Name |
| Notes    |
|          |
|          |

**Professional quality, custom LED light fixtures without the custom price!**

## Features

- ETL certified fixtures conform to UL Std 2108 and NEC requirements.
- Color Rendering Index (CRI) of 95 or above. Brings out truer colors.
- Fixtures require a separate LED driver and are dimmable when powered with an approved dimmable driver.
- Custom fabricated in the USA in lengths from 4-inches up to 16 feet.
- Fixtures are easily hidden under/inside cabinets, and do not require special cables or connectors.
- 2-year warranty when powered with a Northwest LED approved driver. Ask for details.

**M = Micro**  
3/8"H x 1 1/16"W



**R = Recessed Micro**  
3/8"H x 15/16" W (flange width)  
Inset depth = 1/4"  
Inset width = 1 1/16"



**MFL = Micro Flange**  
3/8"H x 1 1/16"W  
Flange height 9/16"



**F = Flex**  
1/4"H x 3/4"W



**MXS = Micro XS**  
9/32"H x 1/2"W



**D = Double Micro**  
3/8"H x 15/16"W



Under Cabinet Lighting using Recessed Micro

## Diffuser Lens Options

### Standard Lens

Frosted (f) - produces a softer, slightly warmer diffused light and is preferred with reflective surfaces to minimize glare and reflection.

### Specialty Lenses (select models only)

Prismatic (p) - produces a brighter, slightly whiter light and is preferred where maximum light output is desired and the fixture is hidden from normal view.

Focus Lens (x) - allows the light to be "focused" into a narrow 30 degree beam for wall wash effects.

Opal (o) - heavily frosted for maximum light diffusion (reduces light output).

Black (b) - appears black when not lit, best for areas where de-emphasizing the lens is desired. (Reduces light output).



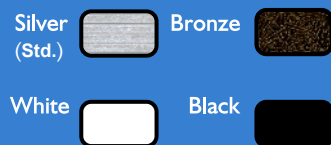
Shower Niche Lighting using Wet Rated Micro

## LED Color Options

|         |  |
|---------|--|
| 27-18 k | Warm Dim 2700k dims to 1800k (24V only)  |
| 2400 k  | Very Warm White (MB only)                |
| 2700 k  | Incandescent White                       |
| 3000 k  | Halogen White                            |
| 3500 k  | Architectural White                      |
| 4000 k  | Natural White                            |
| RGB     | Red/Green/Blue Color Changing (12v only) |
| RGBW    | Color Changing + White (24v only)        |

| Brightness Options                      | Voltage DC | Watts/ Ft. | LEDs/ Ft. | Lumen/ Ft. |
|---|------------|------------|-----------|------------|
| Soft (SO)                               | 12         | 1.5        | 18        | 130        |
| Medium Bright (MB)                      | 12/24      | 2.9        | 36        | 260        |
| Bright (BR)                             | 12         | 4          | 18        | 350        |
| Extra Bright (XB)                       | 12/24      | 4.4        | 36        | 400        |
| COB (CB)                                | 24         | 4.6        | N/A       | 521        |
| Ultra Bright (UB)                       | 24         | 5.5        | 39        | 763        |
| Dual Bright (DB)<br>(Double Micro Only) | 24         | 5.9        | 72        | 700        |
| Warm Dim (WD)                           | 24         | 2.9        | 68        | 275        |
| Tunable White MB<br>(TW 4.4 W/Ft.)      | 24         | 4.4        | 60        | 315        |
| Tunable White XB<br>(TW 6.1 W/Ft.)      | 24         | 6.1        | 60        | 569        |

## Finish Options



Northwest LED

Linear LED lighting

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## Ordering Information

All MICRO series fixtures come standard with "Silver" finish, a single 2 foot long lead and 3M foam mounting tape. Please specify the model/voltage, lens, brightness level, color temperature and finished length for each fixture from the chart below. Fixtures may optionally be ordered with extra long leads, leads on both ends, interconnected with a short "jumper" to allow fixtures to be mounted around corners or with mounting clips. Custom finish options other than those shown below are available and generally require additional lead time. Please call for availability and pricing.

**Example: LinF12-Mf-BR-30k-34**

| Voltage/<br>Model                | Lens   | Brightness  | Color Temp   | Fixture<br>Length In<br>Inches                                    | Options  | Typical<br>Applications   |
|----------------------------------|--|---|--|---|--|---|
| LinF12-M<br>(Micro 12V)          | f = frosted<br>p = prismatic<br>x = focus<br>o = opal<br>b = black | SO=Soft<br>MB=Med Bright<br>BR =Bright<br>XB=Extra Bright<br>RGB=Color changing | 24k=2400k (MB only)<br>27k=2700k<br>30k=3000k<br>35k=3500k<br>40k=4000k<br>50k=5000k | 4 (min.)<br>to<br>192 (max.)*<br>(in increments<br>of 1/8th inch) | L=lead length (other than 2')<br>S=second lead length<br>I=interconnect<br>MC= mounting clips<br>RC=rotating clips<br>Wet=available in wet rated | ✓ Under cabinet<br>✓ Cove<br>✓ Toe Kick                                 |
| LinF24-M<br>(Micro 24V)          | f, p, x, o, b  | MB, XB<br>UB=Ultra Bright<br>CB=COB   | 27k, 30k, 35k, 40k   | 4 to 192  | L, S, I, MC, RC, Wet   |   |
|                                  |  | WD=Warm Dim   | 27-18k   |   |  |   |
|                                  |  | TW=Tunable White (4.4 & 6.1)  | 24-40k   | 4 to 192  | L, S, I, MC, RC  |   |
|                                  |  | RGBW=RGB +White   | 27k or 30k white   | 4 to 192  | L, MC, RC, Wet   |   |
| LinF12-R<br>(Recessed Micro 12V) | f, p, x, o, b  | SO, MB, BR, XB, RGB   | 24k, 27k, 30k, 35k, 40k  | 4 to 192  | L, S, I, Wet   | ✓ Recessed UC<br>✓ Floating shelves                                     |
| LinF24-R<br>(Recessed Micro 24V) | f, p, x, o, b  | MB, XB, UB, CB  | 27k, 30k, 35k, 40k   | 4 to 192  | L, S, I, Wet   |   |
|                                  |  | WD  | 27-18k   |   |  |   |
|                                  |  | TW MB(4.4) & XB(6.1)  | 24-40k   | 4 to 192  | L, S, I  |   |
|                                  |  | RGBW  | 27k or 30k white   | 4 to 192  | L  |   |
| LinF12-MFL<br>(Micro Flange 12V) | f, p, x, o, b  | SO, MB, BR, XB, RGB   | 24k, 27k, 30k, 35k, 40k  | 4 to 192  | L, S, I, MC, RC, Wet   | ✓ Frameless Cabs<br>✓ Visible areas<br>where light needs<br>shielding.  |
| LinF24-MFL<br>(Micro Flange 24V) | f, p, x, o, b  | MB, XB, UB, CB  | 27k, 30k, 35k, 40k   | 4 to 192  | L, S, I, MC, RC, Wet   |   |
|                                  |  | WD  | 27-18k   |   |  |   |
|                                  |  | TW MB(4.4) & XB(6.1)  | 24-40k   | 4 to 192  | L, S, I, MC, RC  |   |
|                                  |  | RGBW  | 27k or 30k white   | 4 to 192  | L, MC  |   |
| LinF12-F<br>(Flex 12V)           | f  | SO, MB, BR, XB<br>RGB   | 24k, 27k, 30k, 35k, 40k  | 4 to 192  | L, S, I, MC, Wet   | ✓ Bendable fixture<br>for curved surface<br>mounting                    |
| LinF24-F<br>(Flex 24V)           | f  | MB, XB, UB, CB  | 24k, 27k, 30k, 35k, 40k  | 4 to 192  | L, S, I, MC, Wet   |   |
|                                  |  | WD  | 27-18k   |   | L, S, I, MC  |   |
|                                  |  | TW MB(4.4) & XB(6.1)  | 24-40k   | 4 to 192  | L, S, I, MC  |   |
|                                  |  | RGBW  | 27k or 30k white   | 4 to 192  | L, MC  |   |
| LinF12-MXS<br>(Micro XS 12V)     | f  | SO, MB, BR, XB<br>RGB   | 24k, 27k, 30k, 35k, 40k  | 4 to 192  | L, S, I, MC, Wet   | ✓ Small spaces<br>where higher<br>output is required                    |
| LinF24-MXS<br>(Micro XS 24V)     | f  | MB, XB, UB, CB<br>TW MB(4.4) & XB(6.1)  | 27k, 30k, 35k, 40k<br>24-40k   | 4 to 192<br>4 to 192  | L, S, I, MC, Wet<br>L, S, I, MC  |   |
| LinF12-D<br>(Double 12V)         | f, p, o, b   | MB, XB<br>RGB   | 24k, 27k, 30k, 35k, 40k  | 4 to 192  | L, S, I, MC, RC, Wet   | ✓ High output<br>lighting for task,<br>under cab & cove<br>applications |
| LinF24-D<br>(Double 24V)         | f, p, o, b   | MB, XB, UB, CB<br>DB=Dual Bright  | 27k, 30k, 35k, 40k, 50k  | 4 to 192  | L, S, I, MC, RC, Wet   |   |
|                                  |  | WD  | 27-18k   |   |  |   |
|                                  |  | TW MB(4.4) & XB(6.1)  | 24-40k   | 4 to 192  | L, S, I, MC, RC  |   |
|                                  |  | RGBW  | 27k or 30k white   | 4 to 192  | L, MC, RC, Wet   |   |

**Add On & non-standard options** (contact us for pricing and availability)

\* Extended fixture lengths - typically with seaming  
Extended lead lengths: 3' to 30'  
Powder coated: BZ = Bronze BK = Black WH = White

Inter-connected fixtures  
Non-Standard lead configurations  
Miter cut or specialty shapes/configurations