

# PERFECT FIT™

MICRO Fixture Series by Northwest LED

Job Name

Notes

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

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



**R = Recessed Micro**  
3/8"H x 1 5/16" 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 1 5/16"W



## 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.



Under Cabinet Lighting using Recessed 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)

## 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

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) (Double Micro Only)	24	5.9	72	700
Warm Dim (WD)	24	2.9	68	275
Tunable White 4.4 (TW 4.4)	24	4.4	60	315
Tunable White 6.1 (TW 6.1)	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/ Model	Lens	Brightness	Color Temp	Fixture Length In Inches	Options	Typical Applications
LinF12-M (Micro 12V)	f = frosted p = prismatic x = focus o = opal b = black	SO=Soft MB=Med Bright BR =Bright XB=Extra Bright RGB=Color changing	24k=2400k (MB only) 27k=2700k 30k=3000k 35k=3500k 40k=4000k 50k=5000k	4 (min.) to 192 (max.)* (in increments of 1/8th inch)	L=lead length (other than 2') S=second lead length I=interconnect MC= mounting clips RC=rotating clips Wet=available in wet rated	✓ Under cabinet ✓ Cove ✓ Toe Kick
LinF24-M (Micro 24V)	f, p, x, o, b	MB, XB UB=Ultra Bright 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 (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 ✓ Floating shelves
LinF24-R (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 4.4 & 6.1	24-40k	4 to 192	L, S, I	
		RGBW	27k or 30k white	4 to 192	L	
LinF12-MFL (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 ✓ Visible areas where light needs shielding.
LinF24-MFL (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 4.4 & 6.1	24-40k	4 to 192	L, S, I, MC, RC	
		RGBW	27k or 30k white	4 to 192	L, MC	
LinF12-F (Flex 12V)	f	SO, MB, BR, XB RGB	24k, 27k, 30k, 35k, 40k	4 to 192	L, S, I, MC, Wet	✓ Bendable fixture for curved surface mounting
LinF24-F (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 4.4 & 6.1	24-40k	4 to 192	L, S, I, MC	
		RGBW	27k or 30k white	4 to 192	L, MC	
LinF12-MXS (Micro XS 12V)	f	SO, MB, BR, XB RGB	24k, 27k, 30k, 35k, 40k	4 to 192	L, S, I, MC, Wet	✓ Small spaces where higher output is required
LinF24-MXS (Micro XS 24V)	f	MB, XB, UB, CB	27k, 30k, 35k, 40k	4 to 192	L, S, I, MC, Wet	
		TW 4.4 & 6.1	24-40k	4 to 192	L, S, I, MC	
LinF12-D (Double 12V)	f, p, o, b	MB, XB RGB	24k, 27k, 30k, 35k, 40k	4 to 192	L, S, I, MC, RC, Wet	✓ High output lighting for task, under cab & cove applications
LinF24-D (Double 24V)	f, p, o, b	MB, XB, UB, CB DB=Dual Bright	27k, 30k, 35k, 40k, 50k	4 to 192	L, S, I, MC, RC, Wet	
		WD	27-18k			
		TW 4.4 & 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