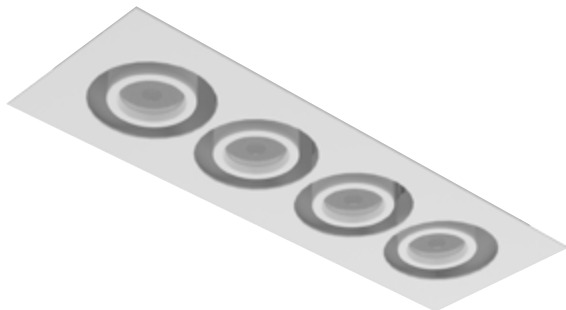


# MX MXFM4

MX Flush Mount Multiple (4) Head  
New Construction or Remodel



## Luminaire consists of two part numbers (Trim and Frame-In)

Trim Order Matrix | Example: MXFM4L13512242412WW

| JOB NAME |  | CATALOG NUMBER |  |
|----------|--|----------------|--|
|          |  |                |  |
| NOTES    |  | TYPE           |  |

| Catalog Number     | System Wattage <sup>1</sup> | CCT / CRI <sup>2</sup> | Delivered Lumens <sup>3</sup> | Lumens Per Watt | CBCP <sup>3</sup> |
|--------------------|-----------------------------|------------------------|-------------------------------|-----------------|-------------------|
| <b>MXFM4L13012</b> | 55W                         | 3000K / 82 CRI         | 700lm                         | 51              | 11486             |
| <b>MXFM4L13024</b> | 55W                         | 3000K / 82 CRI         | 916lm                         | 66              | 4600              |
| <b>MXFM4L13036</b> | 55W                         | 3000K / 82 CRI         | 954lm                         | 69              | 2448              |

<sup>1</sup> System wattage includes total driver and LED module consumption

<sup>2</sup> CCT / CRI Multipliers

2700K / 82 CRI (x0.92), 2700K / 92 CRI (x0.74), 3000K / 82 CRI (x1.0), 3000K / 92 CRI (x0.8), 3500K / 82 CRI (x1.07), 4100K / 82 CRI (x1.08);

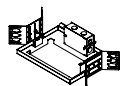
Crisp White 3000K (x0.85) & Class A 3500K (x0.96), see IES file for CBCP

<sup>3</sup> Data shown is per individual head

| TRIM MODEL   | WATTAGE PER HEAD | CCT / CRI                                                                                                                                                                                                                                            | OPTICS (SPECIFY ONE OPTIC PER HEAD)                                           | HEAD FINISH                                                                      | FLANGE FINISH                        | DRIVER                                                                                                                                                                                                                                                                                                                                                          | VOLTAGE                          | OPTION                                                                      |
|--------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------|
| <b>MXFM4</b> | <b>L1 - 14 W</b> | <b>27</b> - 2700K / 82 CRI<br><b>279</b> - 2700K / 92 CRI<br><b>30</b> - 3000K / 82 CRI<br><b>309</b> - 3000K / 92 CRI<br><b>35</b> - 3500K / 82 CRI<br><b>41</b> - 4100K / 82 CRI<br><b>CA35</b> - Class A 3500K<br><b>CW30</b> - Crisp White 3000K | <b>12</b> - 12° Spot<br><b>24</b> - 24° Narrow Flood<br><b>36</b> - 36° Flood | <b>B</b> - Black<br><b>W</b> - White<br>Consult factory for special order finish | <b>B</b> - Black<br><b>W</b> - White | blank - Non-Dimming<br><b>DELV</b> - ELV Dimming <sup>2</sup><br><b>D10</b> - 0-10V Dimming 10%<br><b>ED10V1</b> - eldoLED 0-10V 1%<br><b>ED10V01</b> - eldoLED 0-10V 0.1%<br><b>LUT1</b> - Lutron Hi-Lume 1%<br><b>LUT</b> - Lutron EcoSystem 1%<br><b>LUT5</b> - Lutron EcoSystem 5%<br><b>EDAL11</b> - eldoLED DALI 1%<br><b>EDAL101</b> - eldoLED DALI 0.1% | blank - 120V<br><b>27</b> - 277V | <b>-EM</b> - Remote Emergency<br><b>-S</b> - Integral 1" Snoot <sup>3</sup> |

## Frame-In Order Matrix | Example: IP2-4FK-4-I200

Frame-In Kit + Trim Ordered Separately



### FRAME-IN TYPE

**IP2-4FK-4** - Non-IC New Construction  
**IP2-4FK-4IC** - Air Tight IC New Construction  
**IP2-4FK-4CP** - CCEA Chicago Plenum New Construction  
**IP2-4FK-4R** - Non-IC Remodel

### VOLTAGE

blank - 120V Input  
**27** - 277V Input

### OPTIONS

**-I100** - C-Channel Bar (pair)  
**-I200** - Flat Bar (pair)  
**-I400** - Wood Joist Bar (pair)  
**-EM** - Remote Emergency Unit

### Notes:

- Energy Star (82 CRI - 3000K, 3500K, 4100K only)
- ELV Dimming available in 120V only.
- Snoot is integral to fixture and factory installed. Snoot's interior is black and compatible with accessory holder, black accessory holder recommended.

### LED LIGHT ENGINE

- 2700K, 3000K, 3500K and 4100K / 82 CRI
- Class A - 3500K, provides color points with a combined GAI and CRI metric
- Crisp White - 3000K, vibrant whites and naturally saturated, warm colors combined with high CRI
- 2700K and 3000K / 92 CRI (R9 Value = 59)
- 2 Step MacAdam (2 SDMC)
- LED mounted to die-cast / extruded aluminum heat sink
- Rated life of 50,000 hours L70 based on LED testing per LM-80-08 and projected values using IESNA TM21-11

### OPTICS

- 12° Spot, 24° Narrow Flood, and 36° Flood
- Up to 30° Vertical Adjustment
- 360° Horizontal Adjustment

### ELECTRICAL

- Electrical constant current LED driver
- Over voltage, over current and short circuit protection
- This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Additional surge protection recommended. Damage from power surge is not covered by warranty.
- Power factor >.9, 50/60Hz
- Multiple dimming options available

### FRAME-IN (MUST ORDER SEPARATELY)

Frame-in types include IC Air-Tight, CCEA (Chicago Plenum), or Non-IC Rated (must specify). Non-IC rated housings must be kept at a minimum of 3" away from insulation. Frame-in is equipped with quick connect to trim assembly for easy installation. Junction box is accessible from below the ceiling.

### INSTALLATION

Luminaire can accommodate up to 1" ceiling thickness. Luminaire is supplied with butterfly brackets to allow up-to 3" vertical adjustment. Compatible with C-channel, flat bar, wood joist bar and EMT. Bar hangers must be ordered separately. C-channel are recommended for T-bar ceilings. Max. ambient temperature: 122°F (50°C).

### TRIM ASSEMBLY

Trim assembly includes integral power supply for each individual head. Quick connection supplied for easy installation and wiring to frame-in. Ease of installation and maintenance with access to power supply. Mounts to frame-in via heavy duty torsion springs.

### EMERGENCY

Emergency driver operates LED load of up to 7.0 watts at a nominal 450 lumens for a minimum of 90 minutes. See submittal sheet IB-BSL17C-C2 for specifications.

### LISTING/WARRANTY

- ETL listed to US and Canadian standards for damp locations.
- 10-Year Intense LED Limited Warranty
- ENERGY STAR® Qualified



### ACCESSORIES

Luminaire will accommodate up to two accessories per head, accessory holder required. Must order one accessory holder and accessory per head.

**LH47** Accessory Holder, Black  
**LH47W** Accessory Holder, White

**PFLMB-47** Hex Louver  
**PFL1-47** Prismatic Spread  
**PFL2-47** Linear Spread  
**PFL4-47** Soft Focus

Consult factory for additional media, available by special order

MULTIPLES L/M-06415 P-7

Intense Lighting LLC | 3340. E La Palma Ave. | Anaheim, CA 92806 | Phone: 1.800.961.5321 | Fax: 1.800.961.5322 | [www.intenselighting.com](http://www.intenselighting.com)

Note: Specifications and dimensions subject to change without notice.

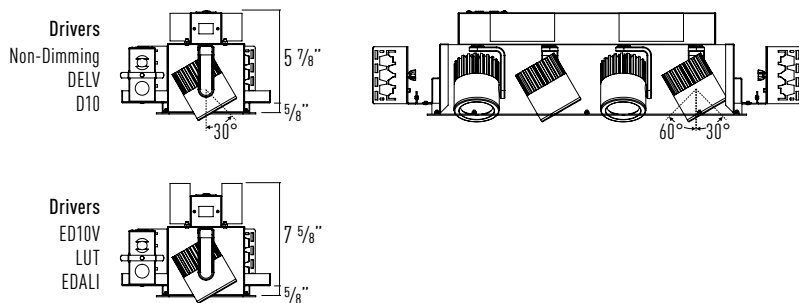


# MX MXFM4

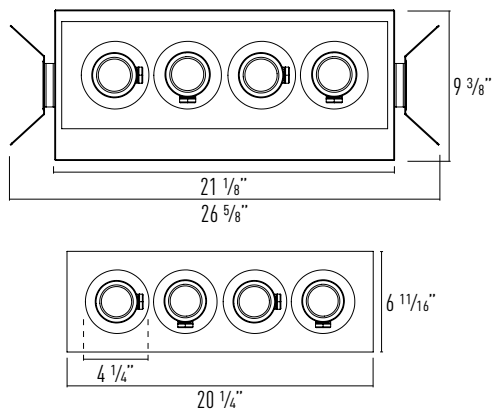
MX Flush Mount Multiple (4) Head  
New Construction or Remodel

| JOB NAME |  | CATALOG NUMBER |  |
|----------|--|----------------|--|
|          |  |                |  |
| NOTES    |  | TYPE           |  |
|          |  |                |  |

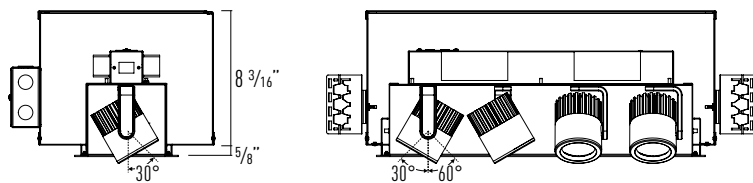
## NON-IC DIMENSIONS



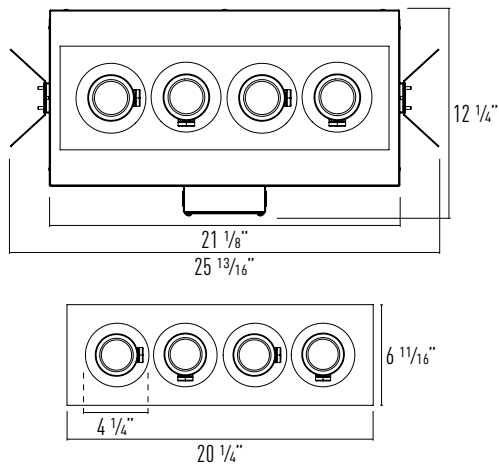
Ceiling Cut Out: 19 1/4" x 5 1/2"



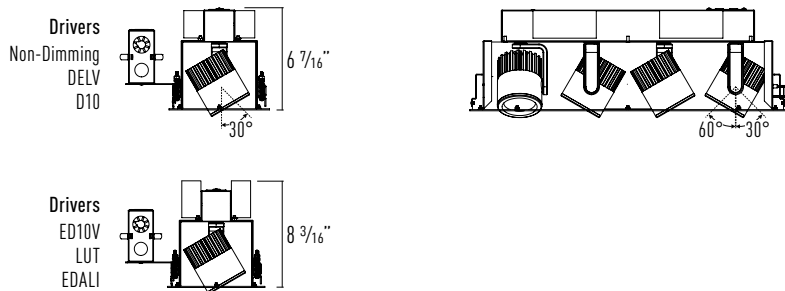
## IC AIR TIGHT & CCEA CHICAGO PLENUM DIMENSIONS



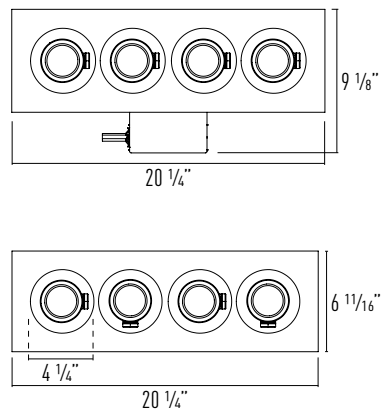
Ceiling Cut Out: 19 1/4" x 5 1/2"



## NON-IC REMODEL DIMENSIONS



Ceiling Cut Out: 19 11/16" x 5 13/16"



| JOB NAME |  | CATALOG NUMBER |  |
|----------|--|----------------|--|
|          |  |                |  |
| NOTES    |  | TYPE           |  |

## MXFM1L130

Report #: L09135602 (12)  
L09135601 (24)  
L09135603 (36)

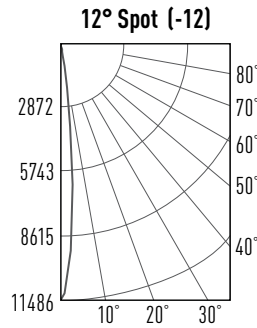
### CCT / CRI Multipliers:

2700K / 82 CRI (x 0.92)  
2700K / 92 CRI (x 0.74)  
3000K / 82 CRI (x 1.00)  
3000K / 92 CRI (x 0.8)  
3500K / 82 CRI (x 1.07)  
4100K / 82 CRI (x 1.08)

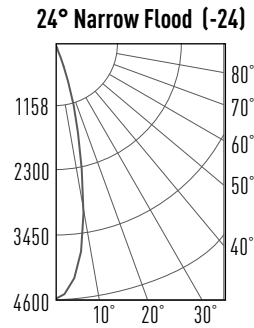
Crisp White 3000K / 90 CRI (x0.85)\*

Class A 3500K / 90 CRI (x0.96)\*

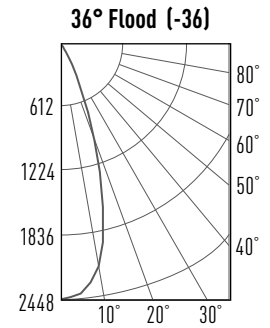
\* Lumens only, see IES file for candelas



Watts: 13.9  
Lumens: 700  
LPW: 51  
CCT: 3000K



Watts: 13.9  
Lumens: 916  
LPW: 66  
CCT: 3000K



Watts: 13.9  
Lumens: 954  
LPW: 69  
CCT: 3000K

**Photometric Data**  
shown is compiled per  
head. For multi-light  
photometrics consult  
factory.

| Candelas at Nadir |         |
|-------------------|---------|
| Degree            | Candela |
| 0°                | 11486   |
| 5°                | 6329    |
| 15°               | 379     |
| 25°               | 95      |
| 35°               | 41      |
| 45°               | 31      |

| Candelas at Nadir |         |
|-------------------|---------|
| Degree            | Candela |
| 0°                | 4600    |
| 5°                | 4117    |
| 15°               | 1401    |
| 25°               | 223     |
| 35°               | 45      |
| 45°               | 16      |

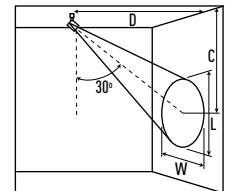
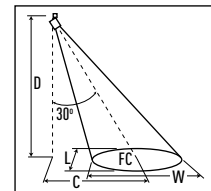
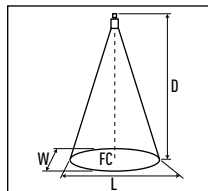
| Candelas at Nadir |         |
|-------------------|---------|
| Degree            | Candela |
| 0°                | 2448    |
| 5°                | 2346    |
| 15°               | 1473    |
| 25°               | 486     |
| 35°               | 116     |
| 45°               | 27      |

### APPLICATION DATA:

**W** and **L** are the outer points where the candle power drops to 50% of maximum. **FC** are the initial foot candles at the center of the beam.

**W** Beam width  
**L** Beam length  
**C** Distance to center of beam  
**D** Distance  
**FC** Foot candles

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.



|                                 | 0° HORIZONTAL |      |      |      | 30° HORIZONTAL |      |      |      |      | 30° VERTICAL |      |      |      |      |
|---------------------------------|---------------|------|------|------|----------------|------|------|------|------|--------------|------|------|------|------|
|                                 | D             | FC   | W    | L    | D              | C    | FC   | W    | L    | D            | C    | FC   | W    | L    |
| MXFM1L13012<br>12° Spot         | 5.0'          | 459  | 0.96 | 0.96 | 5.0'           | 2.75 | 296  | 1.27 | 1.1  | 3.0'         | 5    | 169  | 1.12 | 2.09 |
|                                 | 7.5'          | 204  | 1.44 | 1.44 | 7.5'           | 4.25 | 133  | 1.87 | 1.64 | 4.0'         | 6.5  | 95.3 | 1.47 | 2.78 |
|                                 | 10'           | 115  | 1.93 | 1.93 | 10'            | 5.75 | 74.6 | 2.5  | 2.19 | 5.0'         | 8.25 | 61   | 1.85 | 3.49 |
|                                 | 12.5'         | 73.5 | 2.41 | 2.41 | 12.5'          | 7    | 47.8 | 3.13 | 2.74 | 6.0'         | 9.75 | 42.3 | 2.22 | 4.18 |
| MXFM1L13024<br>24° Narrow Flood | 5.0'          | 184  | 2.09 | 2.09 | 5.0'           | 2.5  | 125  | 2.52 | 2.27 | 3.0'         | 4    | 89   | 2.05 | 3.13 |
|                                 | 7.5'          | 81.8 | 3.13 | 3.13 | 7.5'           | 3.75 | 55.6 | 3.77 | 3.39 | 4.0'         | 5.25 | 50.1 | 2.71 | 4.17 |
|                                 | 10'           | 46   | 4.18 | 4.18 | 10'            | 5    | 31.3 | 5.02 | 4.53 | 5.0'         | 6.5  | 32   | 3.39 | 5.24 |
|                                 | 12.5'         | 29.4 | 5.22 | 5.22 | 12.5'          | 6.5  | 20   | 6.29 | 5.68 | 6.0'         | 8    | 22.3 | 4.1  | 6.29 |
| MXFM1L13036<br>36° Flood        | 5.0'          | 97.9 | 3.08 | 3.08 | 5.0'           | 2.25 | 70   | 3.37 | 3.11 | 3.0'         | 3.25 | 60.4 | 2.54 | 3.36 |
|                                 | 7.5'          | 43.5 | 4.61 | 4.61 | 7.5'           | 3.25 | 31.1 | 5.06 | 4.66 | 4.0'         | 4.5  | 34.1 | 3.45 | 4.45 |
|                                 | 10'           | 24.5 | 6.15 | 6.15 | 10'            | 4.5  | 17.5 | 6.75 | 6.23 | 5.0'         | 5.75 | 21.8 | 4.22 | 5.58 |
|                                 | 12.5'         | 15.7 | 7.69 | 7.69 | 12.5'          | 5.5  | 11.2 | 8.43 | 7.78 | 6.0'         | 6.75 | 15.2 | 5.05 | 6.7  |

# DIMMING COMPATIBILITY

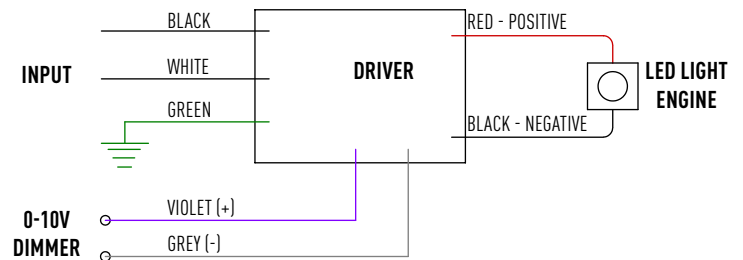
| JOB NAME |  | CATALOG NUMBER |  |
|----------|--|----------------|--|
|          |  |                |  |
| NOTES    |  | TYPE           |  |
|          |  |                |  |

## 0-10V DIMMING (10% Dimming, eldoLED 1%, eldoLED 0.1%)

- 120V/277V
- Dims down to 10% light output
- Consult dimming manufacturer for installation instructions and power packs

### COMPATIBLE DIMMERS

| Manufacturer | Part Number(s)                                                                                                                                                                                                                                                          |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HUNT         | PS-010-IV-120V, PS-010-WH-120V, PS-010-3W-IV-120, PS-010-3W-WH-120V, PS-010-IV-277V, PS-010-WH-277V, PS-010-3W-IV-277V, PS-010-3W-WH-277V, FD-010: PS-IFC-010-IV, PS-IFC-010-WH-120/277V, FD-010: PS-IFC-010-3W-IV, PS-IFC-010-3W-WH-120/277V, FD-010-120V, FD-010-277V |
| Leviton      | Leviton Centura Fluorescent Control System, IllumaTech™ IP7 Series, DPSPE-212                                                                                                                                                                                           |
| Lightolier   | ZP600FAM120, MP1500FAM120, V2000FAMU                                                                                                                                                                                                                                    |
| Lithonia     | LEQ BC, LEQ LVBC, SLD LVBC, SQ1DC                                                                                                                                                                                                                                       |
| Lutron       | DVTV, NTFTV                                                                                                                                                                                                                                                             |
| Synergy      | ISD BC 120/277                                                                                                                                                                                                                                                          |

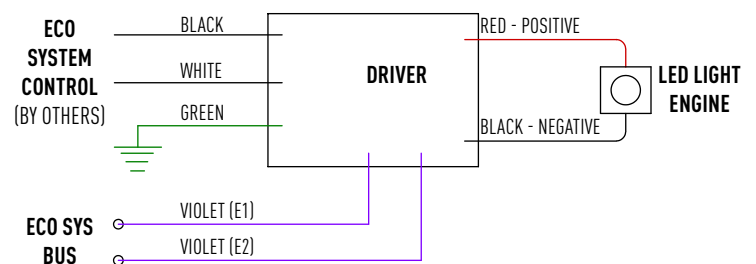


## LUTRON ECOSYSTEM® DIMMING

- 120V or 277V
- Dims down to less than 1% or 5% light output
- Consult dimming manufacturer for installation instructions

### COMPATIBLE DIMMERS

| Product   | Part Number(s)                                                                               |
|-----------|----------------------------------------------------------------------------------------------|
| EcoSystem | CS-1L-WM, CS-2L-WM, CS-1L-CM, CS-2L-CM, EcoSystem ESN, Grafik Eye QS with EcoSystem, Quantum |



## LUTRON HI-LUME® DIMMING

- 120V or 277V
- Dims down to less than 1% light output
- Consult dimming manufacturer for installation instructions

### COMPATIBLE DIMMERS

| Product          | Part Number(s)                                    |
|------------------|---------------------------------------------------|
| NovaT            | NTF-10, NTF-103P, NTF-103P-277, NTF-10-277        |
| Nova             | NF-10, NF-103P, NF-103P-277, NF-10-277            |
| Vareo            | VF-10                                             |
| Skylark          | SF-10P, SF-12P-277, SF-12P-277-3, SF-103P         |
| Diva             | DVF-103, DVF-103P-277, DVSCF-103P, DVSCF-103P-277 |
| Ariadni          | AYF-103P, AYF-103P-277                            |
| Vierti           | VTF-6AM                                           |
| Maestro          | MAF-6AM, MAF-6AM-277, MSCF-6AM, MCSF-6AM-277      |
| Maestro Wireless | MRF2-F6AN-DV                                      |
| Spacer System    | SPSF-6A, SPSF-6A-277, SPSF-6AM, SPSF-6AM-277      |
| Lyneo            | LXF-103PL, LXF-103PL-277                          |
| Radio RA 2       | RRD-F6AN-DV                                       |
| HomeWorks QS     | HQRD-F6AN-DV                                      |

