

# Mini Flood Light

*LED Floodlight Luminaire*

*Knuckle Mount / Trunnion Mount*

*IP66 - Protects Against Dust/Water*

We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

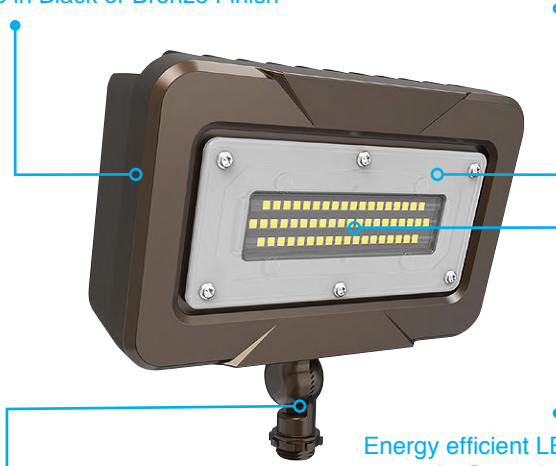
## SPECIFICATIONS

- DRIVER — Universal Voltage (120~277V) supplied as Standard. 50/60Hz
- HOUSING — Die cast aluminum housing.
- LENS — Polycarbonate Optical Lens / Integrated Visor for Reduced Glare.
- FINISH — Textured Powder Coated Bronze or Black finish. Custom Colors Available, Consult Factory.
- LIGHT ENGINE — Energy Efficient Light Emitting Diode - Replaces up to 250W MH.
- POWER FACTOR —  $\geq 0.95$ .
- BEAM TYPE — Nema 7Hx7V (Very Wide  $>130^\circ$ )
- COLOR RENDERING INDEX —  $>70$ .
- LED LIFETIME —  $>50,000$  hrs ( $T_a=30^\circ\text{C}@L70$ )
- SURGE PROTECTION — Line-Line 1KV / Line-FG 2KV
- OPERATING / AMBIENT TEMP —  $-4^\circ\text{F}\sim 104^\circ\text{F}$  /  $-20^\circ\text{C}\sim 40^\circ\text{F}$ .
- MOUNTING — 1/2" Knuckle Mount (Standard) / Optional Trunnion Mount Bracket.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. ETL/cETL, DLC 4.5 Premium. Suitable for Wet Locations. IP66 Tested and Approved.
- WARRANTY — 5 Year Limited Warranty.

## FEATURES

Die-cast Aluminum Housing  
Available in Black or Bronze Finish

7HX7V NEMA Distribution



Robust 1/2" NPSM Knuckle Mount  
with 180° adjustable swivel arm and  
rugged, locking teeth.

Energy efficient LED  
50,000hr Operating Life (L70)  
5000K Color Temp ( $>70\text{CR}$ )

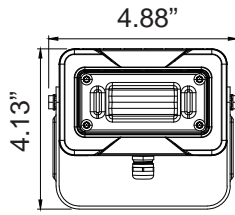


## APPLICATIONS

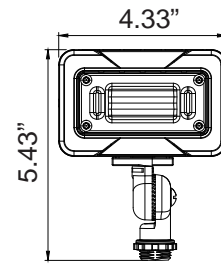
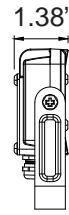


**DIMENSIONS**

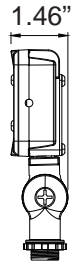
**SMALL**



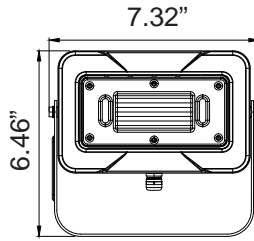
Trunnion Mount



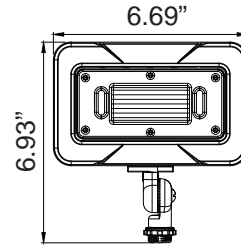
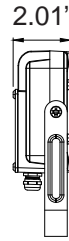
Knuckle Mount



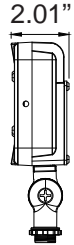
**MEDIUM**



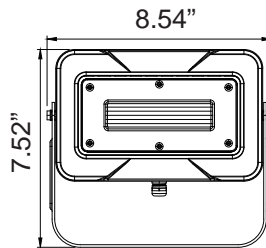
Trunnion Mount



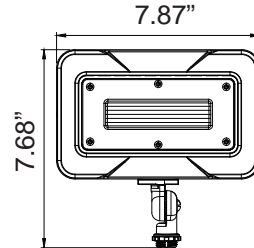
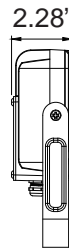
Knuckle Mount



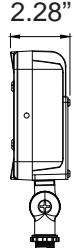
**LARGE**



Trunnion Mount



Knuckle Mount



**ORDERING GUIDE:**

Series	Mounting	Size	LED Wattage	CCT	Voltage	Finish	Options

**SERIES**

MFL = Mini Flood Light

**MOUNTING**

KNC = 1/2" Knuckle Mount - 180° Adjustable Swivel Arm

TRN = Trunnion - Adjustable Bracket

**SIZE**

S = Small

M = Medium

L = Large

**LED WATTAGE**

LED10 = 10 Watt LED | 1000 Lumens (±10%) - Small Only

LED20 = 20 Watt LED | 2300 Lumens (±10%) - Medium Only

LED30 = 30 Watt LED | 3300 Lumens (±10%) - Medium Only

LED50 = 50 Watt LED | 6000 Lumens (±10%) - Large Only

**LED COLOR TEMPERATURE (CCT)**

3K = ±3000K range

4K = ±4000K range

45K = ±4500K range

5K = ±4000K range

**DRIVER VOLTAGE**

EBU = Universal Volt (120-277v) Electronic Driver

**FINISH**

BK = Black

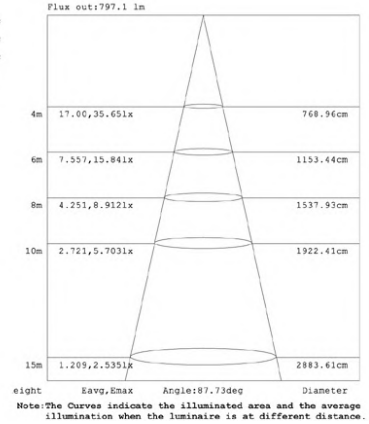
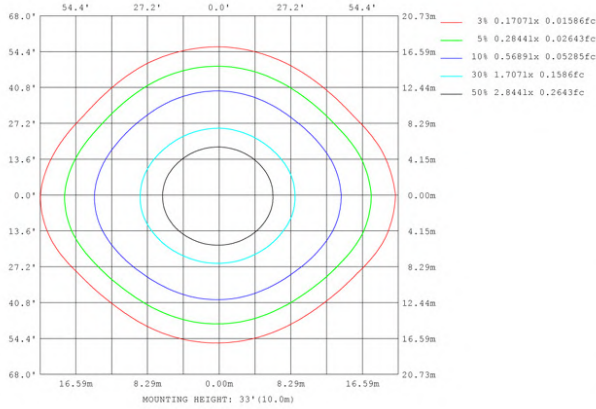
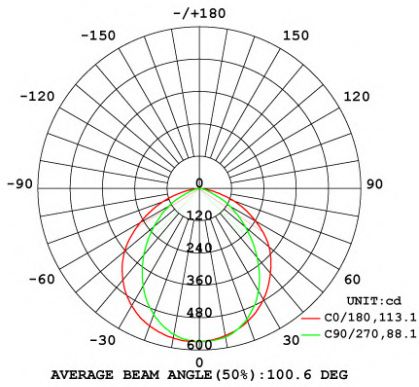
BZ = Bronze

CC = Custom Color (Consult Factory)

PHOTOMETRIC DATA

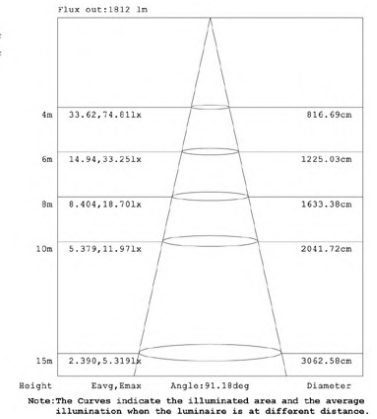
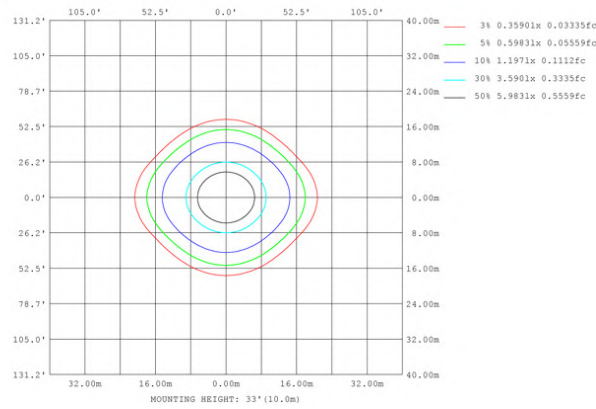
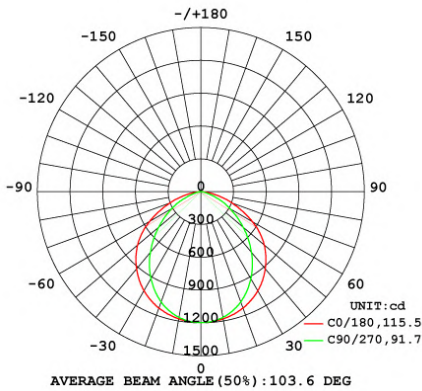
Test #: MFLS12W5K | Catalogue #: MFL-S-LED12-5K | Test Date: 1/18/2018

Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Color Temp	Test Distance
1303.11 Lumens	105.46 LPW	120.1V	0.0638A	12.36W	0.8412	5000K	9.5m



Test #: MFLM25W5K | Catalogue #: MFL-M-LED25-5K | Test Date: 3/10/2018

Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Color Temp	Test Distance
2831.43 Lumens	114.39 LPW	120.3V	0.1174A	24.75W	0.9153	5000K	9.5m



Test #: MFL45W5K | Catalogue #: MFL-L-LED45-5K | Test Date: 3/12/2018

Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Color Temp	Test Distance
5275.73 Lumens	114.54 LPW	120.2V	0.2143A	46.06W	0.9334	5000K	9.5m

