



The Leopard series is designed to replace 70-150W MH luminaires while saving up to 88% in energy costs. The Leopard series can be customized for virtually any flood light or a wall pack in your lighting application. This series is ideal for outdoor applications such as building perimeters, loading areas, sign and building flood lighting, or above a door as a security light.

TECHNICAL DATA

Wattage	20W, 25W
CRI	
Standard	70
Optional	80
CCT	3000K, 4000K, 5000K
Input Voltage	120 - 277V, 50/60Hz
Operating Temp.	-40°F to 104°F (-40°C to 40°C)
Certifications	cETLus
	RoHS compliant
	DLC qualified (Excluding 25W)
	Suitable for wet locations
Power Factor	>0.9 at full load
Harmonic Distortion	<20% at full load
Projected Lifetime	L70 - 115,000 Hours
IP Rating	IP65

FEATURES

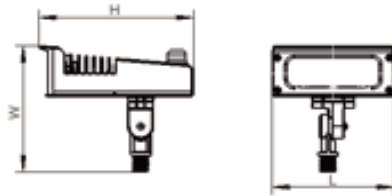
- **High Efficacy & Modern Design:** Delivers up to 146 LPW with a modern appearance and exquisite structure.
- **Durable Optical Performance:** Features a tempered glass lens for reliable long-term illumination.

SPECIFICATION

Length: 7.2"

Width: 6.2"

Height: 4.8"



ORDERING INFORMATION

EXAMPLE: MFW25501-KN

MFW					
Series	Wattage	CCT	Voltage	Controls	Installation
MFW	20 20W 25 25W	30 3000K 40 4000K 50 5000K	1 120-277V	BLANK On/Off PC Photo Control	KN Knuckle

NOTE:

1. Bronze finish is standard. Custom color is available for a premium setup fee. Consult Customer Service for additional information.

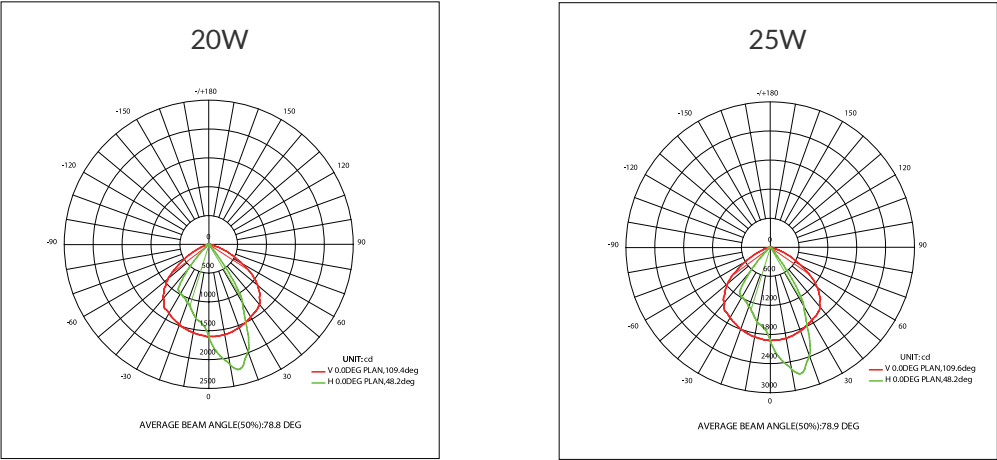
PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Nominal Wattage	Measured Wattage	Lumen Output	AC Input 120V	CCT	CRI	Beam Angle	LPW
20W	20W	2920lm	0.17A	5000	>70	75°x110°	146
25W	24W	3410lm	0.20A	5000	>70	75°x110°	142

PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.



Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperature from -40°F to 104°F (-40°C to 40°C).

Ambient		
Celsius	Fahrenheit	Multiplier
0	32	1.02
10	50	1.01
20	68	1.00
25	77	1.00
30	86	1.00
40	104	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the LED Mini Flood Light in a 77°F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

Operating Hours	0	14,000	21,000	34,000	115,000
Lumen Maintenance Factor	1.0	0.98 (L98)	0.96 (L96)	0.92 (L92)	0.70 (L70)

BUG RATING TABLE

Performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory.

Model	BUG Rating
MFW20401	B2-U2-G0
MFW25401	B2-U2-G0

WARRANTY

5 years limited warranty.

Specifications subject to change without notice.

Ref#: 20251023