



IMAGE MAY VARY FROM ACTUAL PRODUCT

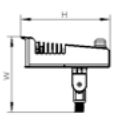
LEOPARD SERIES



PRODUCT DESCRIPTION

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.

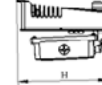
SPECIFICATION



15W&20W Knuckle
 Length: 7.2"
 Width: 6.2"
 Height: 2.44"



15W&20W Trunnion
 Length: 7.2"
 Width: 5.2"
 Height: 2.44"



15W&20W wall
 mount(with
 junction
 box)
 Length: 7.2"
 Width: 5.6"
 Height: 4.8"

Ordering Information

Example: **MFW15504-PC-WL**

Mini Flood and Wall Light	Watts	CCT	Voltage	Controls	Installation
MFW	15 -	30 - 3000K	1 - 120-277V	PC - Photo Control²	WL - Wall Mount(Junction Box)
	15 Watts	40 - 4000K¹	4 - 120V		
	20 -	50 - 5000K	5 - 277V		
	20 Watts				KN - Knuckle TR - Trunnion

Notice:

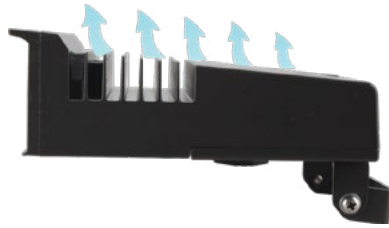
1. DLC Premium only with 5000K at present. 4000K DLC in process.
2. PC is only for 120V or 277V. Without PC, please choose 120-277V.

* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

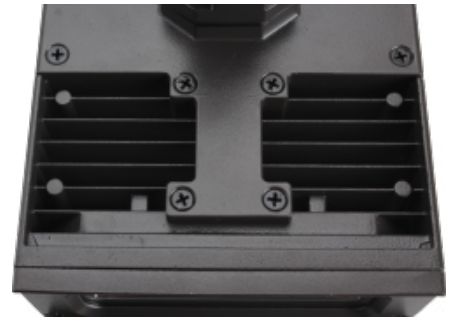
FEATURES



Housing design increase's heat dissipation area



Heat dissipation designed with aerodynamic airflow



Air cooling, 104°F ambient rated



Unique high quality die cast housing exclusive



Fashionable with a modern appearance with an exquisite structure



Connection between junction box and fixture can be adjusted

PERFORMANCE DATA

LUMEN OUTPUT

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

Watts	Lumen Output	AC Input 120V	Measured Watts	CCT	CRI	Beam Angle
14W	1626	0.14A	15W	5000	>70	75°x110°
20W	2275	0.19A	20W	5000	>70	75°x110°

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the LED mini flood light and wall pack in a 77°F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

Lumen Ambient Temperature (LAT) Multipliers

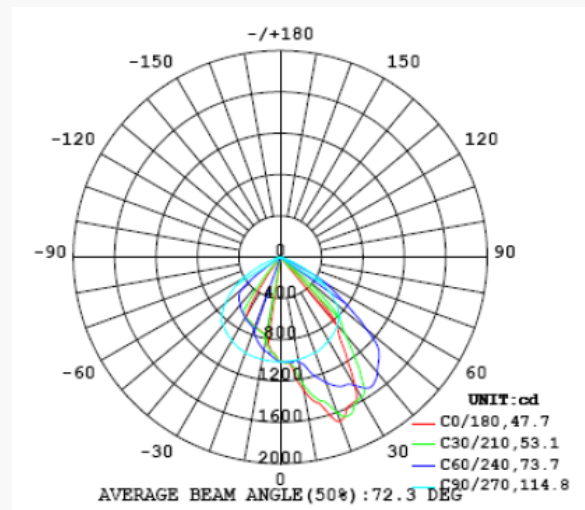
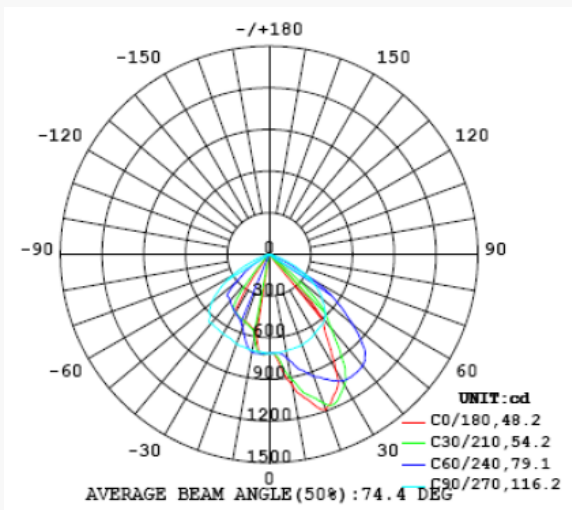
Use these factors to determine relative lumen output for average ambient temperature from -40-104°F (-40-40°C)

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

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)

Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



INSTALLATION

Flood Light



Flood Light, Knuckle



Flood Light, Trunnion

Wall Pack



Wall Pack, Wall Mount,
Including junction box

PRODUCT SPECIFICATIONS

CONSTRUCTION & MATERIALS

- Housing is all aluminum construction
- Terminal block for power input suitable for 18 AWG wire
- Luminaire sides are rugged die cast aluminum with integral, weathertight LED driver compartments and high performance heat sinks

System Wattage	Max THD (%)	Power Factor	Power Efficiency	Replaces/ Equiv.(MH)
15W	20	>0.9	90%	70W
20W	20	>0.9	90%	100W

ELECTRICAL SYSTEM

- Input Voltage: 120-277V, 120V, 277V
- 50/60Hz
- Minimum Ambient -40°C, maximum ambient 40°C
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load

CERTIFICATIONS AND QUALIFICATIONS

- ETL Listed
- Suitable for wet location
- IP65 rated
- *DLC premium qualified
- RoHS compliant

RATED LIFE

Ambient Temperature	73°F	104°F	113°F	122°F
15W & 20W Rated Life	120,000H	72,000H	52,000H	37,000H

BUG RATING

Model	BUG Rating
MFW15501	B1-U1-G0
MFW20501	B1-U1-G0

Warranty

Twelve year limited warranty. Full warranty terms located at www.abovealllighting.com/warrantystatements

Note: Specifications subject to change without notice.