

# LED FLOOD LIGHT



## PRODUCT DESCRIPTION

LED Flood light series uses a die-casting aluminum housing, simple but beautiful. It is designed to replace halogen, sodium and MH floodlights. Long lifespan, high brightness output and superior quality.

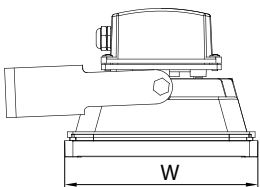
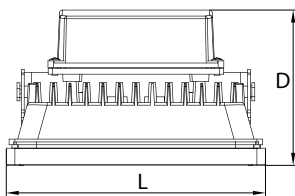
## SPECIFICATION

### 23W

Depth: 7.1"  
Width: 5.5"  
Length: 4.3"  
Max.Weight: 4.5lbs

### 42W

Depth: 9"  
Width: 7.5"  
Length: 5"  
Max. Weight: 6.5 lbs



## ELECTRICAL SYSTEM

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

## PERFORMANCE

CRI

70+

CCT

5000K

Projected Lifetime

L70 - 175,000 Hours

Working Temperature

-40 -104°F (-40-40°C)

Certifications

- cETLus Listed
- IP65 rated
- DLC qualified
- RoHS compliant
- Complies with 2013 California Title 24

## Ordering Information

### Example: ABB FL 45 LED 50 - 40

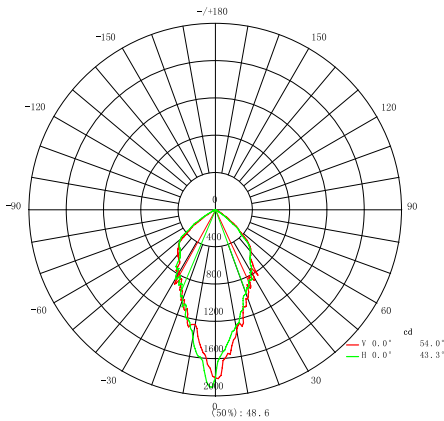
ABOVE ALL	Flood Light	Watts	Source type	CCT	Controls	Beam Angle
ABB	FL	25 - 23 Watts 45 - 42 Watts	LED	50 - 5000K	MS - Multi-Level Motion Sensor	40 - 40°

#### Notice:

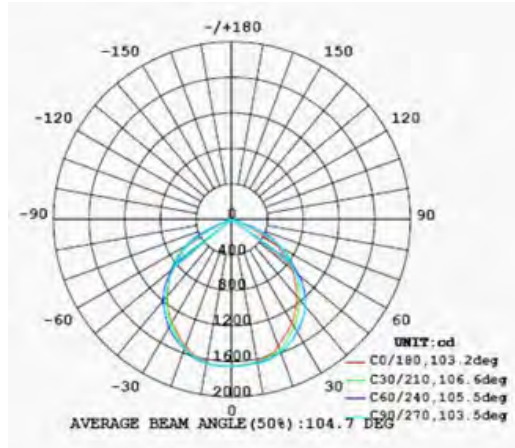
1. Standard Finish as Traditonal Bronze.
2. DLC Premium only with 5000K at present.
3. Special Order as other finish color - Ask Customer Service for Details.

## PHOTOMETRY

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



**23W**



**42W**

## 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	CRI	Beam Angle	LPW
23W	2400	0.22A	23W	>70	40°	80
42W	4300	0.39A	42W	>70		96.8

### 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

### Projected LED Lumen Maintenance

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

<b>Operating Hours</b>	0	4,000	7,000	30,000	175,000
<b>Lumen Maintenance Factor</b>	1.0	0.98(L98)	0.96(L96)	0.92(L92)	0.70(L70)

System Wattage	Max THD (%)	Power Factor	Power Efficiency	Replaces/ Equiv.(MH)
23W	20	>0.99	90%	100W
42W	20	>0.99	90%	175W

## Warranty

Ten year limited warranty. Full warranty terms located at [www.abovealllighting.com/warrantystatements](http://www.abovealllighting.com/warrantystatements)

## Note:

Specifications subject to change without notice.