

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 is standard

80 is optional

CCT

5000K

Projected Lifetime

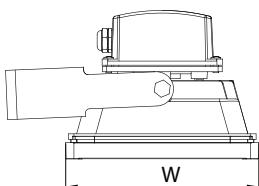
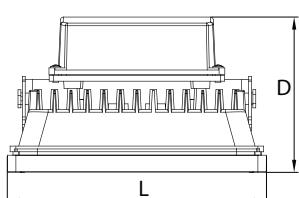
L70 - 175,000 Hours

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

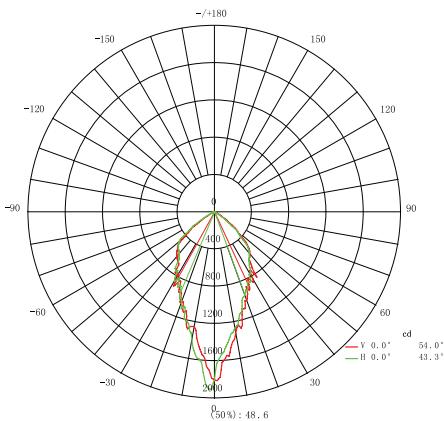
| ABOVE ALL | Flood Light | Watts | Source type | CCT | Controls | Beam Angle |
|-----------|-------------|--------------------------------|-------------|------------|-----------------------------------|------------|
| ABB | FL | 25 - 23 Watts 45 - 42 Watts | LED | 50 - 5000K | MS - Multi-Level Motion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

Notice:

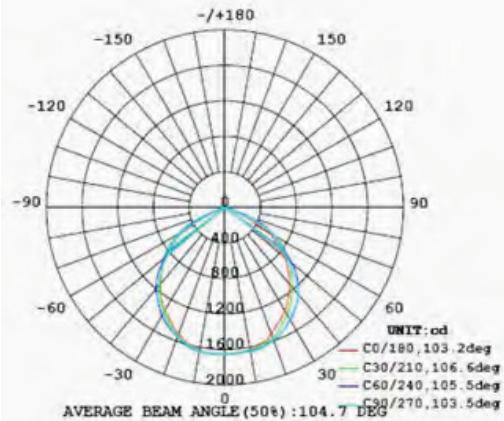
1. Standard Finish as Traditional Bronze.
2. DLC Premium only with 5000K at present.
3. Special Order as other finish color - Ask Customer Service for Details.

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 | | |
|---------|------------|------------|
| 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 Flood light in a 77°F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

| | | | | | |
|---------------------------------|-----|-----------|-----------|-----------|-----------|
| Operating Hours | 0 | 4,000 | 7,000 | 30,000 | 175,000 |
| Lumen Maintenance Factor | 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

Five year limited warranty. Full warranty terms located at www.aboveallLighting.com/warrantystatements

Note:

Specifications subject to change without notice.