



# FOREST LIGHTING

Sustainable illumination



## High Bay LED Fixtures



**Dimmable**

Forest Lighting LED High Bay LED Fixtures are affordable replacements for HID systems for customers seeking to save on maintenance and lower electric bills. They deliver ideal light and coverage for manufacturing, warehouse, storage, retail, grocery, gyms, atriums, and other high ceiling applications. Forest Lighting LED High Bays are dimmable, and easy to install.

### FEATURES & BENEFITS

- Uses 50% less energy than metal halide lamps
- Three different beam angles (60°, 90°, 120°)
- 0-10V Dimming
- DLC listed for utility rebates

### WARRANTY

5 Year Warranty



### HIGH BAY MODELS

MODEL NO.	INPUT POWER (W)	BEAM ANGLE (DEGREES)	DELIVERED LIGHT OUTPUT (LM)
FL-HB150W-60-50K-3DR-DIMM	164	60	16,800
FL-HB150W-90-50K-3DR-DIMM	164	90	16,800
FL-HB150W-120-50K-3DR-DIMM	164	120	16,800
FL-HB200W-60-50K-4DR-DIMM	217	60	21,300
FL-HB200W-90-50K-4DR-DIMM	217	90	21,300
FL-HB200W-120-50K-4DR-DIMM	217	120	21,300

### LISTINGS AND CERTIFICATIONS



# High Bay LED Fixtures

## SPECIFICATION INFORMATION

Input Voltage	100-277V , 50/60Hz
Power Factor	> 0.9
Total Harmonic Distortion	<20%
Correlated Color Temperture (CCT)	5000K
Color Rendering Index	>75
Operating Temperature	-20° ~ +40°C

## MECHANICAL SPECIFICATIONS

Model Series	Dimensions (Diameter x Height)	Weight (lbs)
FL-HB150W	19.0" x 20.0"	17
FL-HB200W	19.0" x 20.0"	20

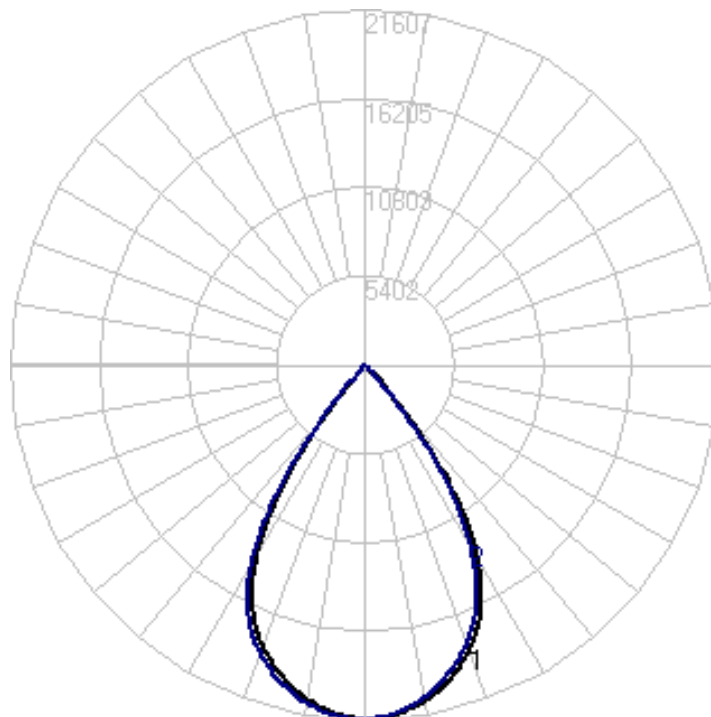
## ORDERING INFORMATION

Example: FL-HB150W-60-50K-3DR-DIMM

Product	Nominal Input Power	Beam Aggle	CCT	Number of LED Modules	Dimming Option
FL-HP	<b>150W</b> 150W	<b>-60</b> 60 degree	<b>50K</b> 5000K	<b>-3DR</b> 3 LED modules	<b>-DIMM</b> 0-10V Dimming
	<b>200W</b> 200W	<b>-90</b> 90 degree		<b>-4DR</b> 4 LED modules	
		<b>-120</b> 120 degree			

# High Bay LED Fixtures

## PHOTOMETRY



Curve 1: 0 degree  
Curve 2: 90 degree

FL-HB200W-60-50K-4DR-DIMM

### Performance Data

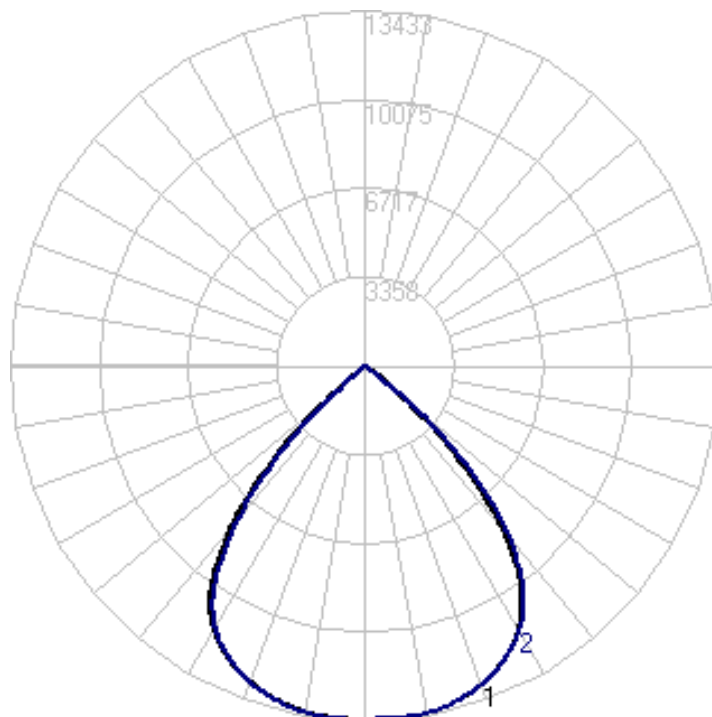
Delivered Lumens (lms)	20922
Input Wattage (W)	217.8
Efficacy (LpW)	96.1
Voltage (V)	120

### Zonal Lumen Summary

Zone	Lumens	% of Fixture
0-30	14998.9	71.70
0-40	20228.4	96.70
0-60	20729.9	99.10
0-90	20908.7	99.90
40-70	601.8	2.90
60-80	163.5	0.80
0-180	20922.5	100.00

# High Bay LED Fixtures

## PHOTOMETRY



Curve 1: 0 degree  
Curve 2: 90 degree

FL-HB200W-90-50K-4DR-DIMM

### Performance Data

Delivered Lumens (lms)	21124
Input Wattage (W)	217.6
Efficacy (LpW)	97.1
Voltage (V)	120

### Zonal Lumen Summary

Zone	Lumens	% of Fixture
0-30	10618.9	50.30
0-40	16880.6	79.90
0-60	20946.4	99.20
0-90	21111.0	99.90
40-70	4175.2	19.80
60-80	160.4	0.80
0-180	21124.1	100.00