



FOREST LIGHTING

Sustainable illumination



High Bay Linear with Motion Sensor

Forest Lighting High Bay Linear Series are ideal for warehouse, factory, retail, restaurant and commercial applications. An upgrade to Forest Lighting LED High Bays can result in energy savings of 75%, especially with standard lighting control systems. The bright white 5000K fixtures will last for 50,000 hours, and are available in 100W, 150W, and 200W models. Lumen output ranges from 13,000 to 26,000. The warranty is 5 years.

FEATURES & BENEFITS

- Saves 50-70% energy compared to HID lamps
- Integrated motion (PIR) sensor
- Suitable for damp locations
- Rated lifetime of 50,000 hrs
- DLC listed for utility rebates

WARRANTY

5 Year Warranty



HIGH BAY LINEAR MODELS

MODEL NO.	INPUT POWER (W)	DELIVERED LIGHT OUTPUT (LM)
HBL-100W50K-PIR-HL	100	13,000
HBL-150W50K-PIR-HL	150	19,500
HBL-200W50K-PIR-HL	200	26,000

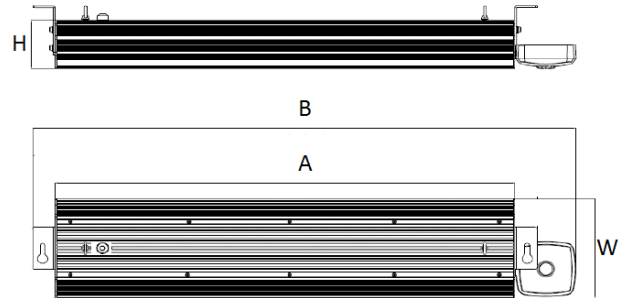
LISTINGS AND CERTIFICATIONS



High Bay Linear

SPECIFICATION INFORMATION

Input Voltage	100-277V , 50/60Hz
Power Factor	> 0.95
Total Harmonic Distortion	<15%
Correlated Color Temperture (CCT)	5000K
Color Rendering Index	>70
Beam Angle	40° x 80°
Operating Temperature	-25° ~ +50°C



MECHANICAL SPECIFICATIONS

Model Series	Dimensions Length (A)	Dimensions Length with Sensor (B)	Dimensions Width (W)	Dimensions Height (H)
HBL-100W50K-PIR-HL	16.0 in	21.9 in	7.5 in	3.5 in
HBL-150W50K-PIR-HL	31.7 in	37.6 in	7.5 in	3.5 in
HBL-200W50K-PIR-HL	39.6 in	45.5 in	7.5 in	3.5 in

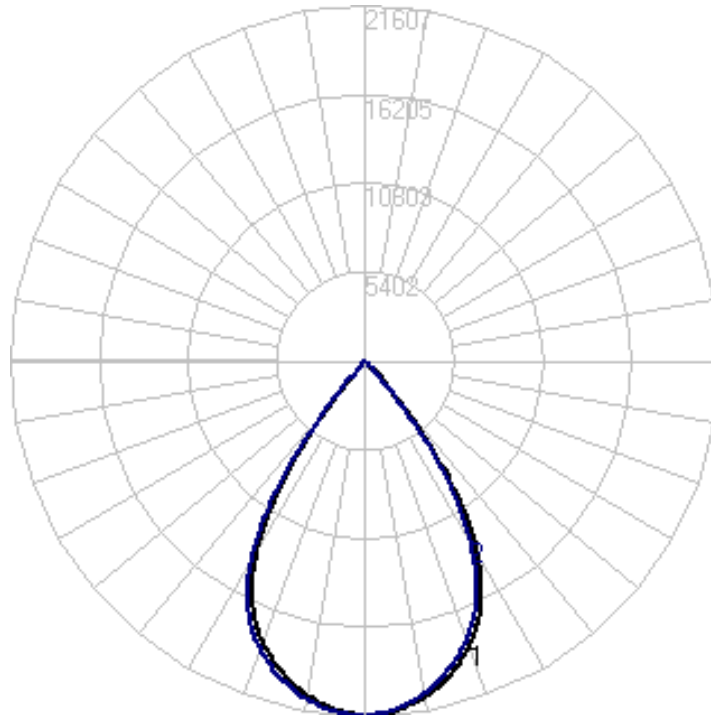
ORDERING INFORMATION

Example: HBL-100W50K-PIR-HL

Product	Nominal Input Power	CCT	Sensor Option	-HL
HBL	100W 100W	50K 5000K	-PIR	
	150W 150W			
	200W 200W			

High Bay Linear

PHOTOMETRY



Curve 1: 0 degree
Curve 2: 90 degree

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

Performance Data

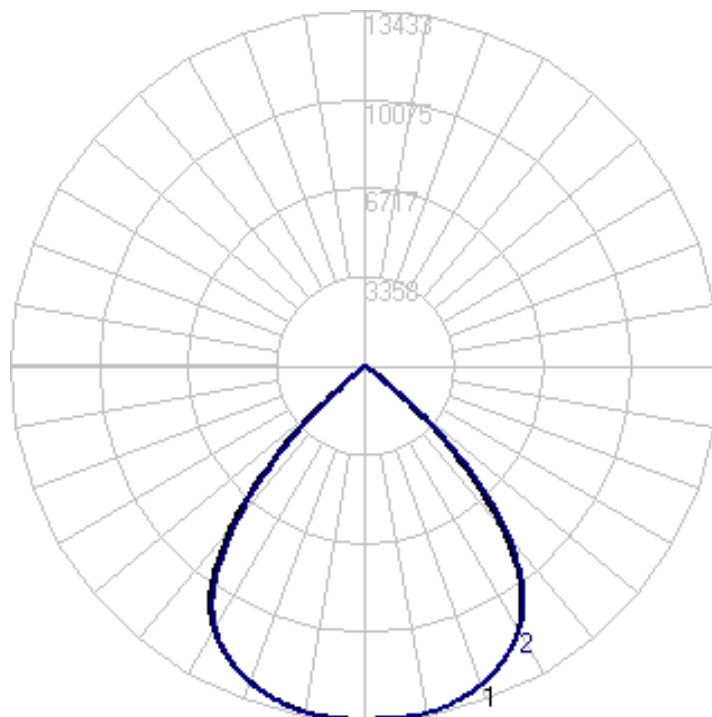
Delivered Lumens (lms)	20922
Input Wattage (W)	217.8
Efficacy (LpW)	96.1
Voltage (V)	120

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