

PHBE |LEDLinear High Bay

LEDLinear High Bay, 130lm/W, IP40 Dry Location Rated, Dimmable + Smart Inside



2-FT and 4-FT Models



Industry Standard Design



FEATURES

Lumen Output	11700 to 41730 lumens
Efficacy	130 lm/W
Input Voltage	120-277V
Dimmable	0-10V Continuous
Size	2-FT, 4-FT
CCT	4000K or 5000K
Rating	IP40 Dry Location
Warranty	7 Years

APPLICATIONS

Premium indoor luminaire for hanging or pendant mounting in high ceiling spaces above 25 feet. Suitable for gymnasiums, warehouses, manufacturing, packaging, storage, aisles, and covered decks.

CONSTRUCTION

Manufactured for durability using aluminum sheet housing with semi-gloss coating to resist corrosion, discoloration, and scratching. Ventilated driver bay for additional heat dissipation. IP40 Dry Location rated for protection against solid objects 1.0mm diameter and greater, dry location: IEC 60529.

ELECTRICAL

Input voltage 120-277V models with 0-10V Continuous Dimming. Operating temperatures -4°F to 122°F (-20°C to 50°C).

MOUNTING

Aluminum V-Hooks and Chains for hanging standard. Optional Pendant Mount Bracket or pair of 10-FT Aircraft Cables available.

OPTICS

Anti-UV Frosted Polycarbonate Lens standard. Protective Wire Guards available.

CONTROLS

Installed fixture mounted Smart Sensor for Photocell and Bi-Level Motion Dimming available.

EMERGENCY

Installed 90 Minute Emergency Backup Battery LED Driver available.

LISTINGS

DLC Premium listed. UL certified to meet US and Canadian standards. FCC and RoHS compliant.

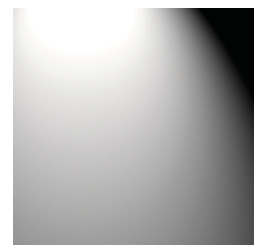
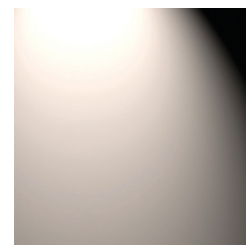
WARRANTY

7 year exclusive limited warranty.

CORRELATED COLOR TEMPERATURES (CCT)

4000K

5000K



SPECIFICATIONS

ENERGY DATA

Input Voltage: 120-277V
Input Frequency: 50/60 Hz
Wattage: 90W, 110W, 162W, 225W, 321W
Power Factor: >0.9
Total Harmonic Distortion (THD): <15%
Operating Temperature: -4°F to 122°F (-20°C to 50°C)

LIGHTING DATA

Lumens: 11700, 14300, 21060, 29250, 41730
Lumens Per Watt: 130 lm/W
Color Correlated Temperature (CCT): 4000K, 5000K
Dimmable: 0-10V
Color Rendering Index (CRI): >80
L70: 75000 hours

ORDERING INFORMATION

Model	Size	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions	Weight
PHBE-2-90W-4K	2-FT	90W	120-277V	0.75A@120V, 0.32A@277V	11700	130 lm/W	4000K	0-10V	White	23.80"L x 12.60"W x 3.62"H	9.27 lbs
PHBE-2-90W-5K	2-FT	90W	120-277V	0.75A@120V, 0.32A@277V	11700	130 lm/W	5000K	0-10V	White	23.80"L x 12.60"W x 3.62"H	9.27 lbs
PHBE-2-110W-4K	2-FT	110W	120-277V	0.92A@120V, 0.40A@277V	14300	130 lm/W	4000K	0-10V	White	23.80"L x 12.60"W x 3.62"H	9.27 lbs
PHBE-2-110W-5K	2-FT	110W	120-277V	0.92A@120V, 0.40A@277V	14300	130 lm/W	5000K	0-10V	White	23.80"L x 12.60"W x 3.62"H	9.27 lbs
PHBE-2-162W-4K	2-FT	162W	120-277V	1.35A@120V, 0.58A@277V	21060	130 lm/W	4000K	0-10V	White	23.80"L x 17.30"W x 3.62"H	10.20 lbs
PHBE-2-162W-5K	2-FT	162W	120-277V	1.35A@120V, 0.58A@277V	21060	130 lm/W	5000K	0-10V	White	23.80"L x 17.30"W x 3.62"H	10.20 lbs
PHBE-4-225W-4K	4-FT	225W	120-277V	1.88A@120V, 0.81A@277V	29250	130 lm/W	4000K	0-10V	White	45.90"L x 12.60"W x 3.62"H	17.20 lbs
PHBE-4-225W-5K	4-FT	225W	120-277V	1.88A@120V, 0.81A@277V	29250	130 lm/W	5000K	0-10V	White	45.90"L x 12.60"W x 3.62"H	17.20 lbs
PHBE-4-321W-4K	4-FT	321W	120-277V	2.68A@120V, 1.16A@277V	41730	130 lm/W	4000K	0-10V	White	45.90"L x 17.30"W x 3.62"H	18.35 lbs
PHBE-4-321W-5K	4-FT	321W	120-277V	2.68A@120V, 1.16A@277V	41730	130 lm/W	5000K	0-10V	White	45.90"L x 17.30"W x 3.62"H	18.35 lbs

Mount	Sensor	Accessory	Emergency
HBPM	Pendant Mount Bracket	SMART	INSTALLED - Smart Sensor for Photocell and Bi-Level Motion Dimming
AC-10	Pair of 10-FT Aircraft Cables	HBWG2M	Wire Guard for 2-FT 90W, 110W
		HBWG2L	Wire Guard for 2-FT 162W
(Blank)	V-Hooks and Chains (Standard)	HBWG4M	Wire Guard for 4-FT 225W
		HBWG4L	Wire Guard for 4-FT 321W
		(Blank)	None
			EM
			INSTALLED - 90 Minute Emergency Backup Battery LED Driver
			(Blank)
			None

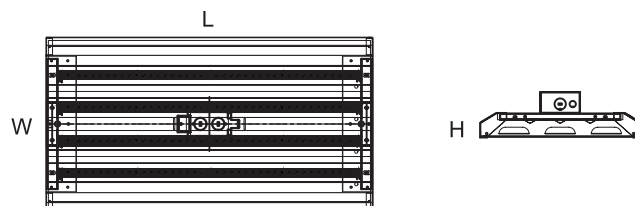
ORDERING GUIDE

PHBE	2	90W	4K	HBPM	SMART	HBWG2M	EM
Group	Form Factor	Wattage	CCT	Mount	Sensor	Accessory	Emergency

PHYSICAL DIMENSIONS

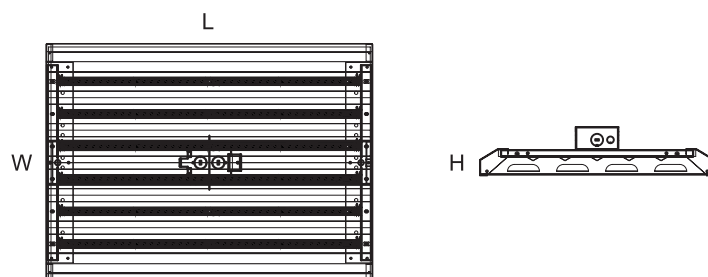
2-FT 90W and 110W Models

23.80"L x 12.60"W x 3.62"H



2-FT 162W Models

23.80"L x 17.30"W x 3.62"H



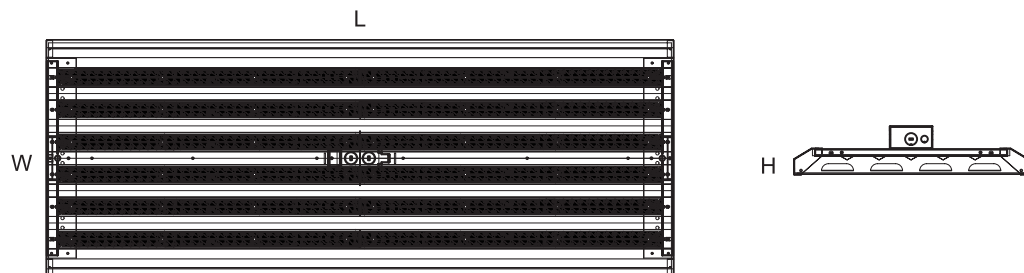
4-FT 225W Models

45.90"L x 12.60"W x 3.62"H



4-FT 321W Models

45.90"L x 17.30"W x 3.62"H

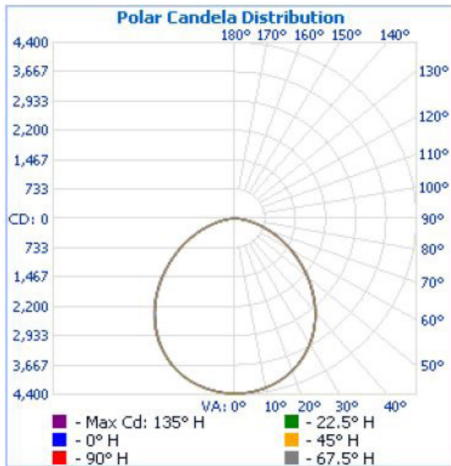


SHIPPING INFORMATION

Model Wattage	Unit Weight	Shipping Dimensions	Shipping Weight	Quantity /Box
2-FT 90W	9.27 lbs	25.00"L x 13.00"W x 4.00"D	10.97 lbs	1
2-FT 110W	9.27 lbs	25.00"L x 13.00"W x 4.00"D	10.97 lbs	1
2-FT 162W	10.20 lbs	25.00"L x 18.00"W x 4.00"D	12.00 lbs	1
4-FT 225W	17.20 lbs	47.00"L x 13.00"W x 4.00"D	19.60 lbs	1
4-FT 321W	18.35 lbs	47.00"L x 18.00"W x 4.00"D	20.60 lbs	1



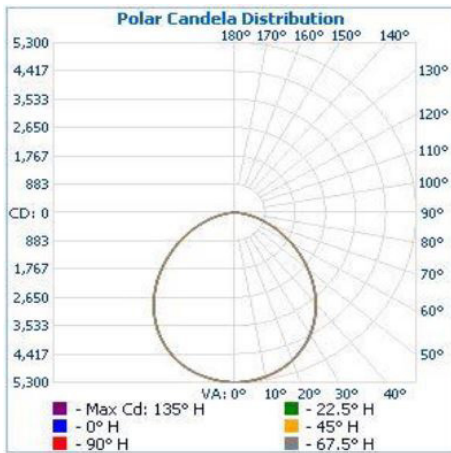
2-FT 90W (277V)



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	3376.7	30.0%	30.0%
0-40	5467.9	48.5%	48.5%
0-60	9257.9	82.2%	82.2%
60-90	1962.4	17.4%	17.4%
70-100	763.1	6.8%	6.8%
90-120	12.9	0.1%	0.1%
0-90	11220.3	99.6%	99.6%
90-180	44.5	0.4%	0.4%
0-180	11264.8	100%	100%

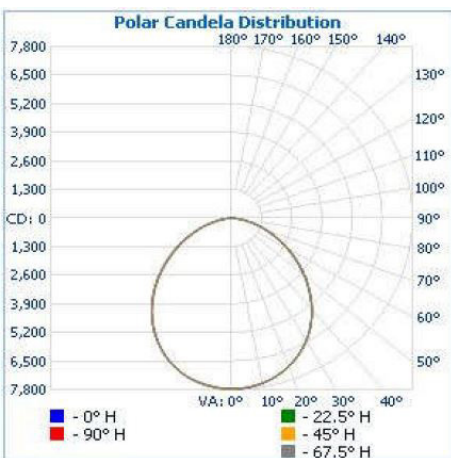
2-FT 110W (277V)



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	4088.7	29.8%	29.8%
0-40	6630.4	48.3%	48.3%
0-60	11259.4	82.0%	82.0%
60-90	2414.3	17.6%	17.6%
70-100	949.7	6.9%	6.9%
90-120	17.7	0.1%	0.1%
0-90	13673.7	99.6%	99.6%
90-180	58.9	0.4%	0.4%
0-180	13732.6	100%	100%

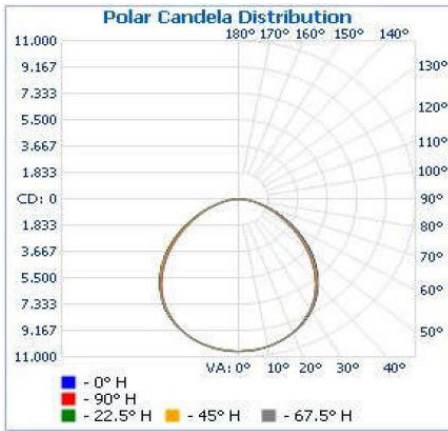
2-FT 162W (277V)



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	5983.0	29.8%	29.8%
0-40	9689.4	48.3%	48.3%
0-60	16423.4	81.9%	81.9%
60-90	3544.4	17.7%	17.7%
70-100	1414.3	7.1%	7.1%
90-120	26.3	0.1%	0.1%
0-90	19967.8	99.6%	99.6%
90-180	87.0	0.4%	0.4%
0-180	20054.8	100%	100%

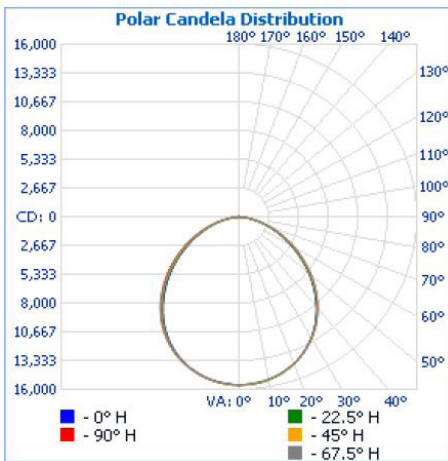
4-FT 225W (277V)



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	8249.5	29.9%	29.9%
0-40	13440.8	48.7%	48.7%
0-60	22843.6	82.8%	82.8%
60-90	4664.7	16.9%	16.9%
70-100	1802.9	6.5%	6.5%
90-120	23.0	0.1%	0.1%
0-90	27508.3	99.8%	99.8%
90-180	64.0	0.2%	0.2%
0-180	27572.3	100%	100%

4-FT 321W (277V)



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	12041.9	29.8%	29.8%
0-40	19539.2	48.4%	48.4%
0-60	33205.1	82.2%	82.2%
60-90	7062.1	17.5%	17.5%
70-100	2741.1	6.8%	6.8%
90-120	39.3	0.1%	0.1%
0-90	40267.1	99.7%	99.7%
90-180	122.7	0.3%	0.3%
0-180	40389.9	100%	100%