

Draft Version

WIN-G SERIES LINEAR HIGH BAY

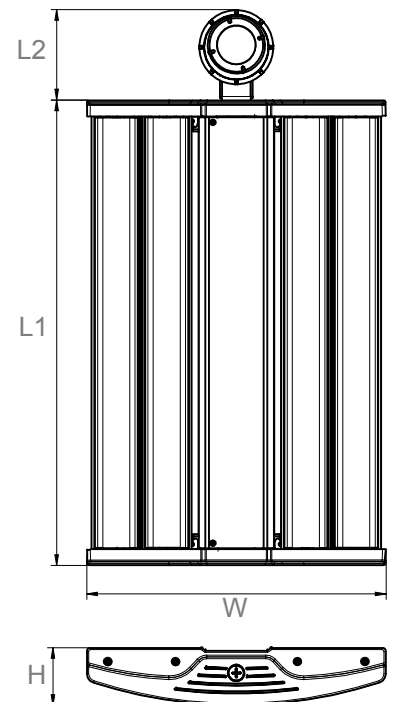


PRODUCT DESCRIPTION

The WIN-G series high bay is an attractive, durable and high efficient solution for a variety of industrial and commercial applications. Ranging from 9,000lm to 60,000lm, it is an ideal replacement for HID and fluorescent high bay. The extruded aluminum construction enables optimal thermal control and longer system life in complex environments such as 65°C ambient temperature. Motion sensor wireless control unit, emergency battery backup are available. Modular design, multiple lens configurations and numerous mounting options allow for precise light positioning putting the light exactly where you need it.

SPECIFICATION

2FT WLHB (Without MS)	2FT WLHB (With MS)	4FT WLHB (Without MS)	4FT WLHB (With MS)
L1: 25.12"	L1: 25.12"	L1: 46.65"	L1: 46.65"
W: 16.14"	L2: 4.92"	W: 16.14"	L2: 4.92"
H: 3.15"	W: 16.14"	H: 3.15"	W: 16.14"
	H: 3.15"		H: 3.15"



Ordering Information

Example: WLHB02-185501-MS-L7W-G-AFL-SM

Series	Length	Watts	CCT	Voltage	Controls	Distribution	LENS	Mounting
WLHB	02 - 2FT ¹	065 - 65 Watts	35-3500K	1-120V-277V	MS-L7W - Motion Sensor with White L7 Lens ³	G - General	AFL - Acrylic	SM - Surface
	04 - 4FT ²	095 - 95 Watts	40-4000K	6 - 347/480V	MS - Motion Sensor	N - Narrow	Frosted ⁵	Mounting
		135 - 135 Watts	50-5300K		MSO - ON/OFF Motion Sensor	M - Medium	PCL - Clear	PM - Pedant
		185 - 185 Watts			EBU - Emergency Battery Backup ⁴		Polycarbonate	Mounting
		220 - 220 Watts			WICU - Wireless Control Unit			VM - V-Hook
		270 - 270 Watts						Mounting
		350 - 350 Watts ⁶						
		470 - 470 Watts ⁷						

Accessories - Order separately
WGS - Wire guard for 2FT WLHB

WGL - Wire guard for 4FT WLHB

Notice:

1. 2FT WLHB is only available from 65W to 220W
2. 4FT WLHB is only available from 185W to 470W
3. Special request for 120-277V built-in motion sensor, please ask customer service for details
4. Emergency battery backup available in 120-277V only. Not available with 48,000lm and 60,000lm. For ambient temperatures of 32°F-104°F(0°C-40°C)
5. Not available with Narrow and Medium distribution
6. Maximum ambient temperature of 350W 4FT WLHB is 131°F(55°C)
7. Stock for WLHB02-185501-G-AFL & WLHB04-270501-G-AFL&WLHB04-350501-G-AFL will available in USA in May, 2018

PERFORMANCE DATA

LUMEN OUTPUT

Lumen values are estimated with LED data sheet

Series	Watts	Lumen	CCT, Ra	Distribution	Lens	Efficacy	Maximum Ambient
2FT WLHB	65	9100	5000, 80	General	Clear PC	140	65°C
	95	12800	5000, 80	General	Clear PC	135	65°C
	135	18200	5000, 80	General	Clear PC	135	65°C
	185	25000	5000, 80	General	Clear PC	135	65°C
	220	29700	5000, 80	General	Clear PC	135	65°C
4FT WLHB	185	26000	5000, 80	General	Clear PC	141	65°C
	220	30800	5000, 80	General	Clear PC	140	65°C
	270	36400	5000, 80	General	Clear PC	135	65°C
	350	46000	5000, 80	General	Clear PC	131	55°C
	470	61000	5000, 80	General	Clear PC	130	55°C

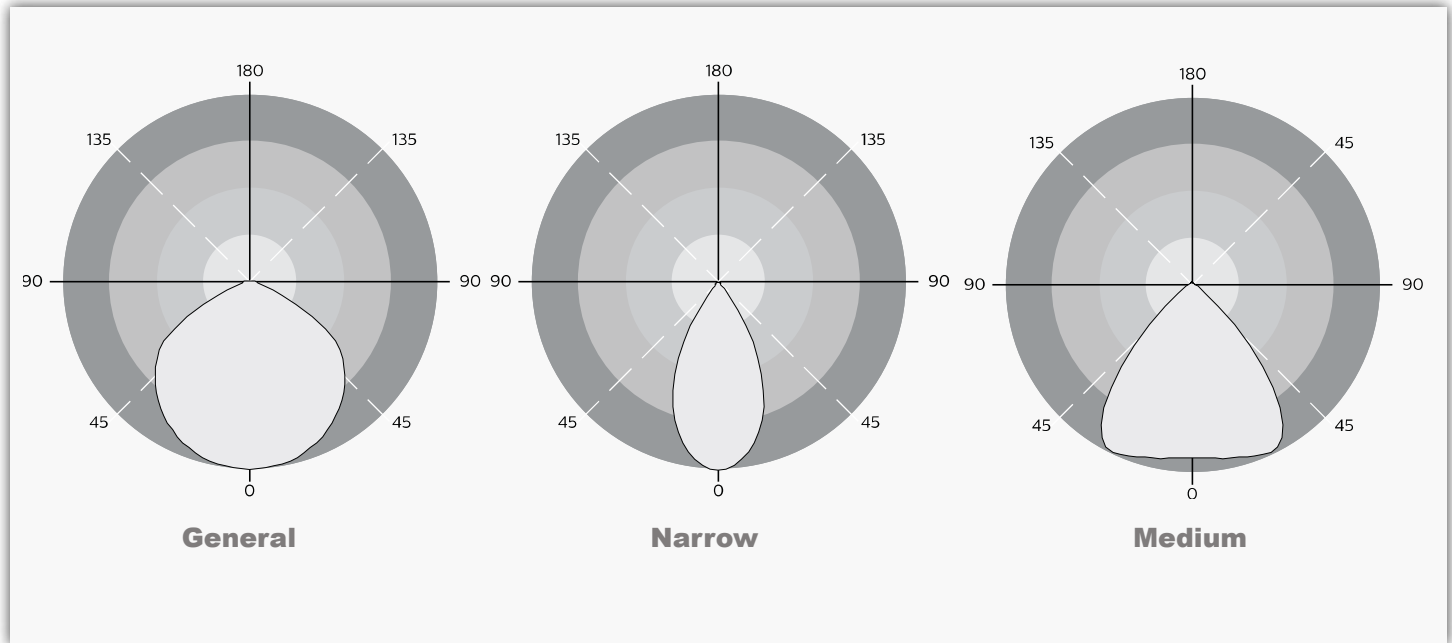
Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperature from -4-149°F (-20-65°C)

Ambient		Multiplier
Celsius	Fahrenheit	
0	32	1.02
25	77	1.00
40	104	0.98
50	122	0.97
55	131	0.96
65	149	0.94

Photometry

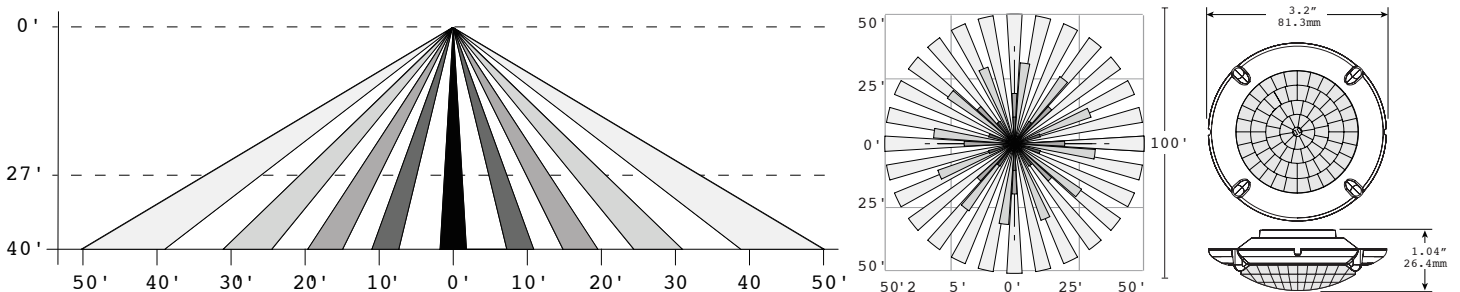
Distribution types for reference only



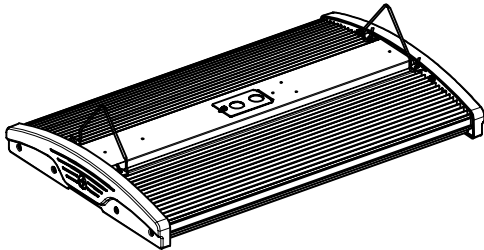
MOTION SENSOR

The fixture with motion sensor raises or lowers the electric lighting level to high, low or off based on motion and/or daylight contribution. Typically, once the sensor stops detecting movement and the time delay elapses, lights will first fade to low mode, and eventually switch off. When motion is detected, the sensor ramps the light level to high mode unless the daylight contribution is sufficient. The integral photocell can also switch the lights on and off for dusk to dawn control, so that lighting remains on overnight even without motion detection.

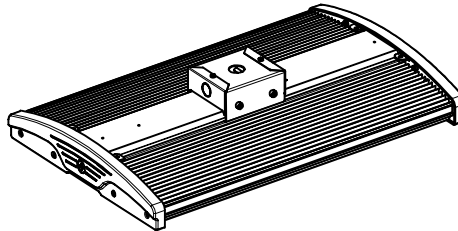
The L7 provides maximum coverage of 100' diameter mounted at 40 feet height. Please see below drawing for lens side and top coverage and dimensionn.



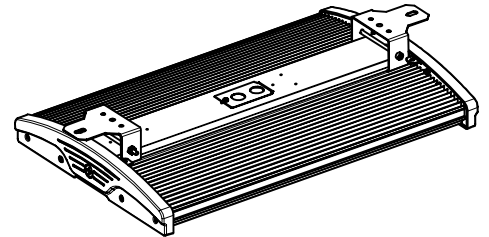
MOUNTING



V Hook Mounting



Pendant Mounting



Surface Mounting

Ref#: 10316

PRODUCT SPECIFICATIONS

ELECTRICAL SYSTEM

- Input Voltage: 120-277V, 347/480V
- 50/60Hz
- 0-10V dimming
- Power Factor: > 0.98 at 120Vac
- Total Harmonic Distortion: < 20%
- Integral 6kV surge suppression protection standard, 10kV optional
- Minimum Ambient -20°C, maximum Ambient is 65°C excluded 350W and 470W

CERTIFICATIONS AND QUALIFICATIONS

- cETLus in process
- Damp location
- DLC Premium in process
- RoHS compliant

Warranty

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

Note: Specifications subject to change without notice.