



## LED UFO HIGH BAY



## PRODUCT DESCRIPTION

LED UFO High Bay Light is for workshop, warehouse, indoor stadium and other industrial applications. It is an ideal replacement for Induction lamp, metal halide or HID lamp, pure aluminum heat sink enables the lumen efficacy higher with excellent thermal management in one-piece structure by cold-forging technology.

## ELECTRICAL SYSTEM

- Input Voltage: 120-277V, 347/480V
- 50/60Hz
- Minimum ambient -4°F, maximum ambient 104°F
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load

## SPECIFICATION

### 100W & 150W

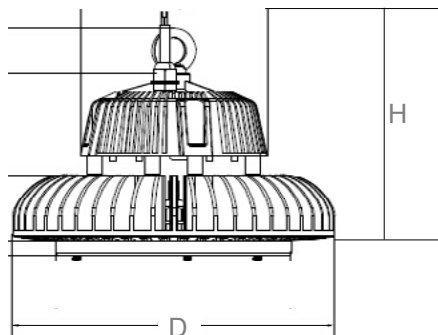
Φ10.23"X7.08"  
 (Φ260\*183mm)  
 Max. Weight: 11.24 lbs

### 200W

Φ11.48"X8.19"  
 (Φ290\*208mm)  
 Max. Weight: 12.79 lbs

### 240W

Φ11.48"X8.58"  
 (Φ290\*218mm)  
 Max. Weight: 14.11 lbs



## PERFORMANCE

CRI

80

CCT

5000K

Dimming

1-10V Dimming Standard

Projected Lifetime

L70 - 115,000 Hours

Working Temperature

-4-104°F (-20-40°C)

Certifications

- cULus Listed
- IP65 rated
- DLC qualified
- RoHS compliant

\* DLC is available for 150W

## Ordering Information

### Example: URHB150LED501

UFO Round High Bay	Watts	Source Type	CCT	Voltage	Controls	Installation	Distribution	Options
URHB	100 -100 Watts	LED	50 - 5000K	1 - 120-277V	Blank - No Controls Shipped Separately <sup>1</sup> MSW-JBOX <sup>2</sup>	Blank-Hook with Safety Chain TR -Trunion <sup>4</sup> Shipped Separately <sup>1</sup> UFO-P1 UFO-P2	Blank-120° Shipped Separately <sup>1</sup> AB-AL-60D AB-PC-70D AB-AL-90D	Blank - None PCL-Polycarbonate Clear Lens <sup>3</sup> PFL-Polycarbonate Frosted Lens Shipped Separately <sup>1</sup> AB-PC-DGS AB-PC-CGS
	150 -150 Watts			6 - 347/480V				
	200 -200 Watts							
	240 -240 Watts							

Notice:

1. Order and shipped separately as accessory. More details in the following accessory table.
2. The motion sensor solution is only for 120-277V. The sensor can not be installed in the room of long-time vibration because the vibration signal will be regarded as the moving signal to trigger sensor.
3. Glass clear lens is standard. PCL and PFL are special and please check with the Customer Service for details.
4. Trunion mount will be discontinued after stock is run out. Please check with the Customer Service for details.

\* Fixture comes with a 10" cord, if a longer cord is required, must purchase 10Ft Extension Cord separately.

## Accessories (Ordered separately)



**90028**

AB-AL-60D

60 degree aluminium reflector



**90029**

AB-AL-90D

90 degree aluminium reflector



**90023**

AB-PC-70D

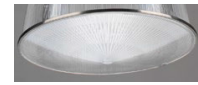
70 degree PC reflector



**90024**

AB-PC-DGS

PC Drop glare shield, suitable for 70 degree PC reflector with SKU 90023



**90025**

AB-PC-CGS

PC Clear conical glare shield suitable for 70 degree PC reflector with SKU 90023



**90143**

UFO-P1

3/4" pendant adapter for 100W/150W



**90043**

UFO-P2

3/4" pendant adapter for 200W/240W



**90217**

MSW-JBOX

Microwave motion sensor with junction box



**90138**

10 feet extension wire cord

## INSTALLATION



Hook Mount



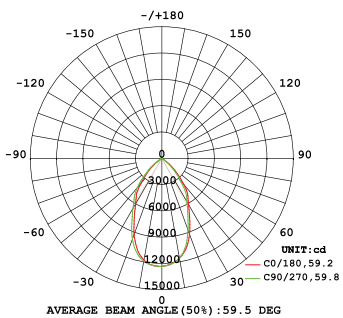
Stem Pendant Mount



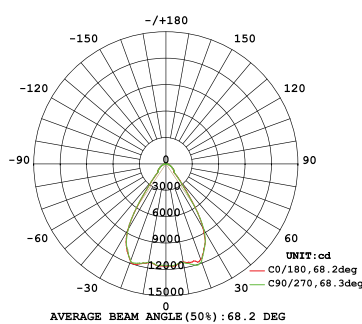
Trunnion Mount

## PHOTOMETRY

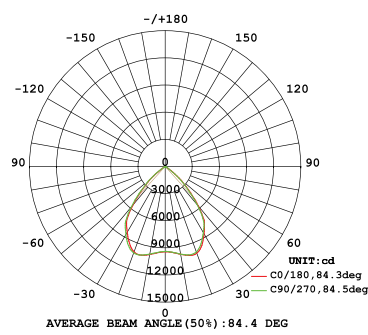
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



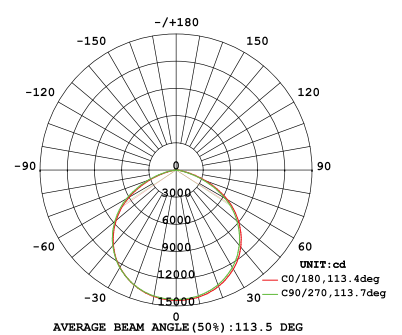
60°



70°



90°



120°

## 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	CRI	Beam Angle	CCT	LPW
100W	12500	0.92A	>80	120°	5000K	125
150W	21900	1.38A	>80	120°	5000K	146
200W	25000	1.83A	>80	120°	5000K	125
240W	30000	2.20A	>80	120°	5000K	125

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperature from -4-104°F (-20-40°C)

Ambient		Multiplier
Celsius	Fahrenheit	
0	32	1.02
10	50	1.01
20	68	1.00
25	77	1.00
30	86	1.00
40	104	0.99



- **WITH** 60D&90D AL REFLECTOR



- **WITH** DROP GLARE SHIELD



- **WITH** SENSOR

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the LED High Bay in a 77°F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

Operating Hours	115,000
Lumen Maintenance Factor	0.70(L70)



- **WITH** CONICAL GLARE SHIELD



- **WITH** 70D PC REFLECTOR



- **WITH** 347/480V DRIVER

# MOTION SENSOR

## Motion Sensor (MS) Option

1. Microwave Motion Sensor
2. 3 Step dimming function, 100% --Low Light--off
3. Wide detection area, range up to 16m (52.4ft) in diameter and mounting height 15m(49.2ft) max

### Notes:

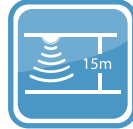
To guarantee normal operation, the recommended mounting height is 12m (40ft) Max.



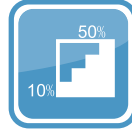
Max.8M (26.2ft)



Hold Time  
5s~30min

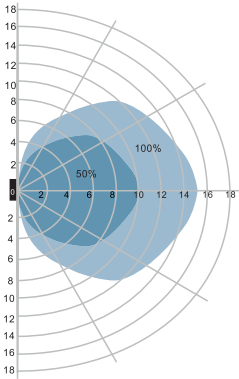


Mounting Height  
15m Max.  
(49.2ft)

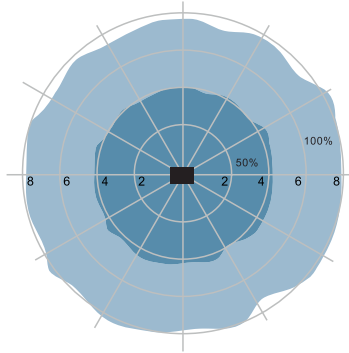


Automatic  
Dimming

# DETECTION PATTERN



Wall mounting pattern (Unit: m)



Ceiling mounting pattern (Unit: m)

# Warranty

Five year limited warranty. Full warranty terms located at [www.abovealllighting.com/warrantystatements](http://www.abovealllighting.com/warrantystatements)

# Note:

Specifications subject to change without notice.