



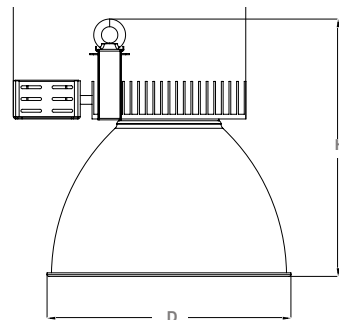
IMAGE MAY VARY FROM ACTUAL PRODUCT

LED ROUND HIGH BAY



PRODUCT DESCRIPTION

LED Round High Bay Light is for workshop, warehouse, indoor stadium or other industrial place. It is an ideal design for high temperature (104°F) environment. Motion sensor can be optional. It is better light distribution, easy installation and a 10 year warranty.



SPECIFICATION

90W & 120W	150W-50°	150W-110°	200W, 240W
Φ19.7"-12.6"	Φ16.54"-17.72"	Φ19.7"-12.6"	Φ20.08"-13.58"
Max. Weight: 17.3 lbs	Max. Weight: 17.3 lbs	Max. Weight: 17.3 lbs	Max. Weight: 17.3 lbs

Ordering Information

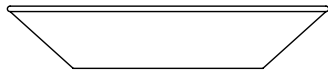

Example: RHB90501MSO-80

Round High Bay	Watts	CCT	Voltage	Controls	Beam Angle
RHB	90 -	50-5000K	1-120V-277V	MS - Multi-level Motion Sensor MSO - ON/OFF Motion Sensor	110 - 110°
	90 Watts				80 - 80°
	120 -				50 - 48°
	120 Watts				
	150 -				
	150 Watts				
	200 -				
	200 Watts				
	240 -				
	240 Watts				

Notice:

1. Standard Finish as White.
2. Special Order as other finish color - Ask Customer Service for Details.

Accessories

SKU	MODEL	IMAGE	DESCRIPTION
90024	Drop Lens		Suitable for Round High Bay 90W, 120W and 150W, and UFO Highbay 100W, 150W, 200W, 240W, only use with PC lens for SKU 90023, 90026
90025	Clear Conical Lens		Suitable for Round High Bay 90W, 120W and 150W, only use with PC lens for SKU 90023, 90026

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	Measured Watts	CRI	Beam Angle	LPW
90W	8500	0.83A	90W	>80	110°, 80°, 48°	88
120W	11800	1.10A	120W	>80		88
150W	14250	1.38A	150W	>80		88
200W	18400	1.84A	200W	>80		88
240W	22300	2.20A	235W	>80		88

Projected LED Lumen Maintenance

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

Lumen Ambient Temperature (LAT) Multipliers

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

Operating Hours	0	4,000	7,000	30,000	175,000
Lumen Maintenance Factor	1.0	0.98(L98)	0.96(L96)	0.92(L92)	0.70(L70)

Photometry

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

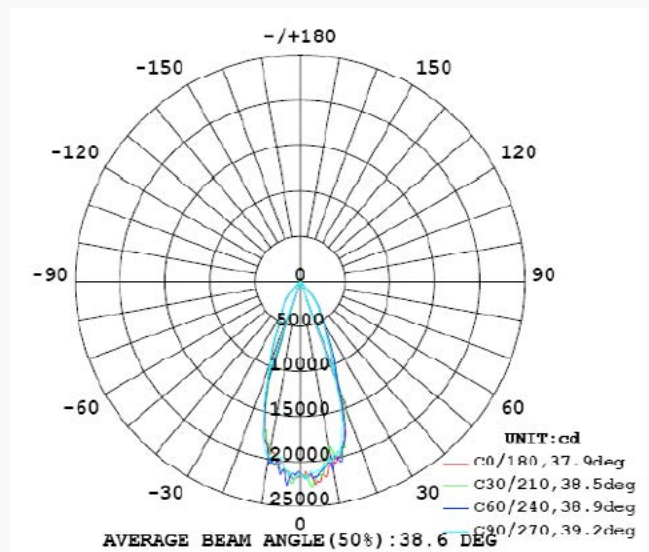
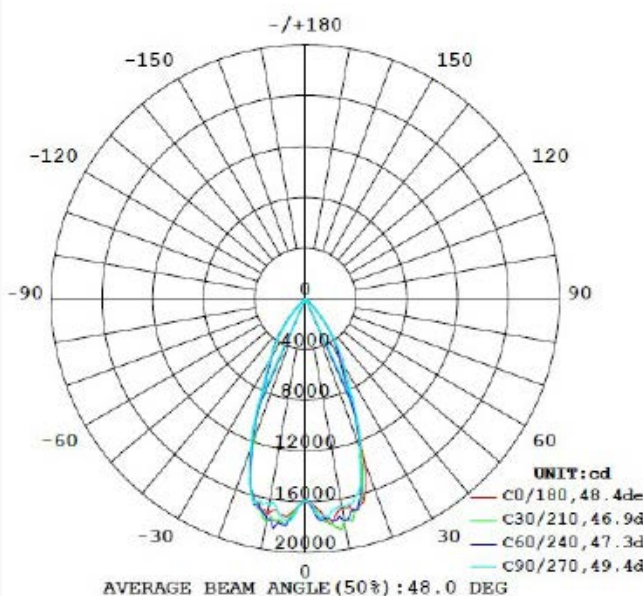


Chart 5: Polar Candela Distribution

PRODUCT SPECIFICATIONS

ELECTRICAL SYSTEM

- Input Voltage: 120-277V
- 50/60Hz
- Class 1 drivers
- Minimum Ambient -40°C, maximum ambient 40°C
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load

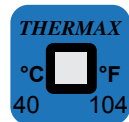
System Wattage	Max THD (%)	Power Factor	Power Efficiency	Replaces/ Equiv.(MH)
90W	20	>0.9	90%	320W
120W	20	>0.9	90%	400W
150W	20	>0.9	90%	400W
200W	20	>0.9	90%	600W
240W	20	>0.9	90%	1000W

CERTIFICATIONS AND QUALIFICATIONS

- cETLus
- Suitable for wet locations
- DLC qualified for RHB120501-110/RHB200501-80/RHB240501-80
- RoHS compliant

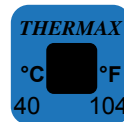
Thermal Dot Technology

Ambient temperature is normal



Normal

Ambient temperature is too high



Too Hot

Ref#: 10029-10504

The ABOVE ALL Thermal Dot Technology, also known as TDT indicator, is used to qualify ABOVE ALL Round High Bay Fixtures in applications that are suspected to be “too hot” for LED such as warehouses, airplane hangars, mills and other manufacturing facilities that can reach high temperatures up at ceiling heights where the fixtures are installed.

How to use ABOVE ALL TDT indicator:

- Install ABOVE ALL Round High Bay Fixtures in a suspect application as you would normally.
- Notice the TDT indicator is bright white in the center.
- Operate the fixture for 100 hours. We recommend 100 continuous hours (4 days) if possible, otherwise note the “on” hours and check the TDT indicator on or about the 100th hour.
- If the TDT indicator is still white, your application is compatible with the ABOVE ALL Round High Bay Fixtures of the same wattage. However, if the TDT indicator has changed from white to black, it is indicating that the driver is overheated in this application. Continuous use of the product in the application may result in premature failure or accelerated lumen depreciation.

Warranty

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

Note: Specifications subject to change without notice.