



FT-HBL HIGH BAY SERIES

INTERIOR LUMINAIRES

Fotonz Round LED High Bay is designed with a precision spherical lens and four segments of an LED board.

The optics with a precision spherical lens are different than a standard UFO High Bay, which is important for show rooms, exhibition centers, warehouses, and manufacturing plants because it shows off the details of what is being showcased while being soft on people's eyes.



DIE-CAST ALUMINUM HOUSING

Fotonz's LED Luminaires provide a sturdy body that stands high wear and tear while keeping the fixtures as light as possible.



GLARE FREE

The optics with a precision spherical lens emits Lower-brightness for eye comfort and performance.



MULTIPLE MOUNTING OPTIONS

Designed to be used with various mounting options to suit different applications (Hook and Pendant)



EFFICIENT HEAT DISSIPATION

Excellent heat sink design maintains a cooler surface temperature and dissipates maximum heat produced by the fixture.



DUAL VOLTAGE (120V - 347V)

Fotonz's LED Luminaires supports 120V to 347V (up to 150W) making our fixtures the ideal choice for old and new buildings.



OPERATING TEMPERATURE UPTO 65°C

With industry-leading heat management technology, our robust fixtures are proven to withstand the hot ambient environments.

TECHNICAL SPECIFICATIONS

CONSTRUCTION

- Die-cast Aluminum Housing
- Driver separating from LED board
- Precision spherical lens
- 6-foot black 18/3 cord

INSTALLATION

- Two different mounting options
- Light weight 8.8 lbs for easy installation
- Pre-installed 6-foot black 18/3 cord

WARRANTY

- 5 years Limited Warranty

ELECTRICAL

- "U" models has operating voltage of 120-277V
- "H" models has operating voltage of 347-480V
- "UH" models has operating voltage of 120-347V (only for 100W and 150W)
- Surge Protection - LED drivers have up to 6kV
- 150 lumen/W Efficacy
- Power Factor >0.95
- Total Harmonic Distortion: <15%
- 0-10V dimming
- Operating Temperature of -40°C - 65°C (-40° F to 149°F)

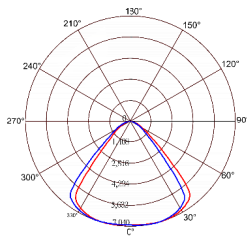
LISTINGS & RATINGS

- cETLus
- DLC listed
- Wet Location
- IP65
- Rated Lifetime of L70 50,000+ hrs

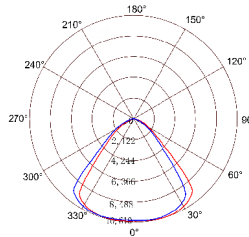
APPLICATIONS

- Warehouse
- Showrooms
- Exhibition centers
- Factories
- Auto Dealerships
- Barns

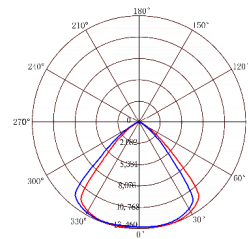
PHOTOMETRIC DIAGRAM - DISTRIBUTION TYPES



Beam Angle 90° (100W)

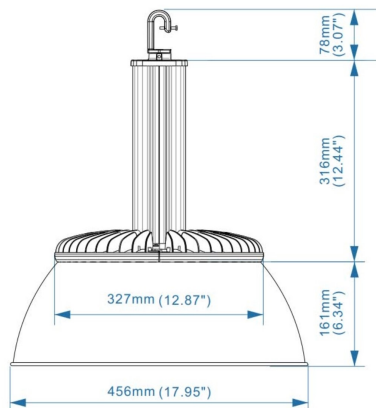


Beam Angle 90° (150W)

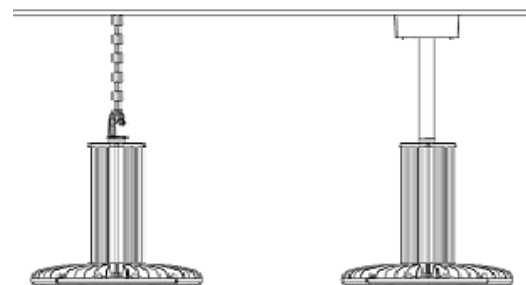


Beam Angle 90° (200W)

DIMENSION



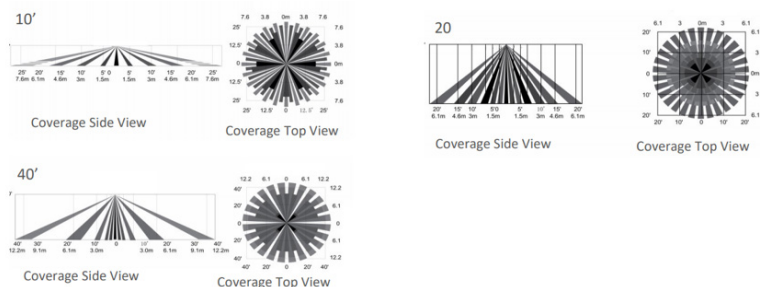
MOUNTING OPTION



Hook (standard)



Pendant (optional)

INTEGRATED SENSOR



- Operating voltage: 12VDC
- Mounting Height: 49/ 15m Max
- Detection angle 360° (ceiling installation)
- Motion Detection: 0.5 ~3m/s

ACCESSORIES

IMAGE	MODEL NUMBER	DESCRIPTION
	FT-HB-AR	Aluminium Reflector
	FT-HB-CC	Clear Cone Reflector

ORDERING GUIDE

FT - HBL150 - 4K - U - 90 - B - AR

MODEL NUMBER		COLOUR TEMP		VOLTAGE		OPTICS		HOUSING COLOR		ACCESSORIES	
HBL100	100W/15000LM	3K	3000K(By Order)	U	120-277V	90	90°	G	Grey	CC	Clear Cone
HBL150	150W/22500LM	4K	4000K(Standard)	H	347-480V	120	120°	B	Black	AR	Aluminum Reflector
HBL200	200W/28000LM	5K	5000K(By Order)					W	White	M	Motion Sensor
					U/H 120-347V (Only available up to 150W)						

PROJECT:

TYPE:

NOTES:

MODEL NO.	DLC WATTAGE	CCT	INITIAL LUMENS	EFFICACY LM/W	DLC ID	DESCRIPTION
FT-HBL100-4K-H-90	100	4000K	15000	145	PLGIPYONS0VJ	Round LED Highbay
FT-HBL100-5K-H-90	100	5000K	15000	145	PLUA8ARCTO4L	Round LED Highbay
FT-HBL100-4K-U-90	100	4000K	15000	145	PL7GUJ9QIBAH	Round LED Highbay
FT-HBL100-5K-U-90	100	5000K	15000	145	PL772EC4134C	Round LED Highbay
FT-HBL200-4K-H-90	200	4000K	28000	138	PLRXDCBFUAS7	Round LED Highbay
FT-HBL200-5K-H-90	200	5000K	28000	138	PL5ZFD9M9DTN	Round LED Highbay
FT-HBL200-5K-U-90	200	5000K	28000	138	PLPO8ERONP01	Round LED Highbay
FT-HBL200-4K-U-90	200	4000K	28000	138	PLFAMHMBDQ8U	Round LED Highbay
FT-HBL150-4K-H-90	150	4000K	22500	147	PLV97GKXHSLG	Round LED Highbay
FT-HBL150-5K-H-90	150	5000K	22500	147	PL8YTRB33NUU	Round LED Highbay
FT-HBL150-5K-U-90	150	5000K	22500	147	PLODTWAKZ3UM	Round LED Highbay
FT-HBL150-4K-U-90	150	4000K	22500	147	PL19YN6144AJ	Round LED Highbay