



LBA Series

Food Grade UFO LED High Bays



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UFO high bay led light fixtures are IP69K and NSF Certified. It is suitable for industrial, retail, and commercial interiors. High-protection rating of luminaires allows to clean with high pressure up to 100 bar and 80 degrees C hot water, and a variety of cleaning agents, alongside good chemical resistance.

DESCRIPTION

UFO LED High Bay Light features high lumen efficacy of 160~210 LPW for any application requiring maximum performance and minimum maintenance. The IP69K-rated provides protection against ingress of dust and high temperature, high pressure water to make LED light virtually impenetrable to contaminants. NSF certified products have therefore passed a stringent set of evaluations to ensure food safety requirements and standards are met for food processing warehouse, plant lighting, supermarket, mail and other lighting applications.

CONSTRUCTION & MATERIALS

- ◆ Die-casting aluminum alloy housing, fully sealed to be dirt and bug proof
- ◆ Impact-proof PC cover /Glass cover optional
- ◆ IP 65 rating waterproof protection
- ◆ Std. White polyester powder-coated finish.
- ◆ IP69K-rated luminaires allow to clean with high pressure up to 100 bar and 80 degrees C hot water
- ◆ Wash directly

MOUNTING AND WIRING

- ◆ Chain mount/Conduit mount
- ◆ Safety Chain Protection

ENVIRONMENTAL SYSTEM

- ◆ Indoor/Outdoor wet/damp location
- ◆ Surge Protection: > 4KV

WARRANTY

- ◆ 5 Years

LIFESPAN

- ◆ 100000 hours LED lifespan based on IES LM-80 results and TM-21 Calculation

ELECTRICAL SYSTEM

- ◆ Input voltage 100-277 VAC
- ◆ ETL/cETL, SAA, CE/RoHS.
- ◆ NSF

OPTICAL SYSTEM

- ◆ 160~210 lm/w output efficacy
- ◆ Color temperature: 3000K, 4000K, 5000K and 5700K.
- ◆ CCT Selectable 30K-40K-50K available
- ◆ 60°/90°/120° beam angle

LIGHTING CONTROL

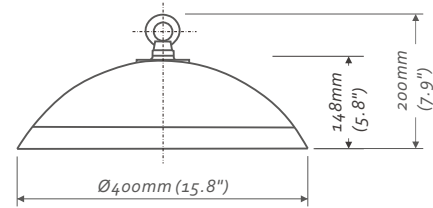
- ◆ 0-10vdc dimming available
- ◆ Bi-level Microwave motion sensor available
- ◆ Wattage selectable

STANDARD

- ◆ EN61347-1, EN61347-2-13, EN60598-2-1, EN60598-1
- ◆ UL 1598, CAN/CSA -C.22.2 NO. 250.0,
- ◆ UL 924, CSA C22.2 NO.141



DIMENSION



DATASHEET

MODEL#	LT-LBA100	LT-LBA150-CPT	LT-LBA150	LT-LBA200
RATED POWER	100W	100W-120W-150W Selectable	150W	200W
OUTPUT EFFICACY	160~210 LPW	160~210 LPW	160~210 LPW	160~210 LPW
PF	>0.9	>0.9	>0.9	>0.9
THD	<20%	<20%	<20%	<20%
CRI	>80 Ra	>80 Ra	>80 Ra	>80 Ra
RATED	IP65 & IP69K	IP65 & IP69K	IP65 & IP69K	IP65 & IP69K
BEAM ANGLE	60° / 90° /120°	60° / 90° /120°	60° / 90° /120°	60° / 90° /120°
CCT	2700K~6500K	30K/40K/50K Selectable	2700K~6500K	2700K~6500K
MATERIAL	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
L70 LIFE (eTA=30°C)	>50,000hrs	>50,000hrs	>50,000hrs	>50,000hrs
WORK TEMP.	-40°C~45°C	-40°C~45°C	-40°C~45°C	-40°C~45°C

ORDER INFORMATION

Sample Number: LT-LBA150CP-30K-EM-90D-BK

COM.	SERIES	VOLTAGE	WATTAGE	CCT	CONTROL MODE	BEAM ANGLE	FINISH
LT	LBA	Blank 100-277VAC H 200-480VAC	100 100W 150CP 100W-120W-150W Tunable 150 150W 200 200W 200CP 100W-150W-200W Tunable	30K 3000K 40K 4000K 50K 5000K 57K 5700K T 3000K-4000K-5000K Selectable	DM 0-10VDC Dim DA DALI Dim PS PIR Sensor MS Motion sensor EM Emergency Pack	Blank 120° 60D 60° 90D 90°	Blank White BK Black

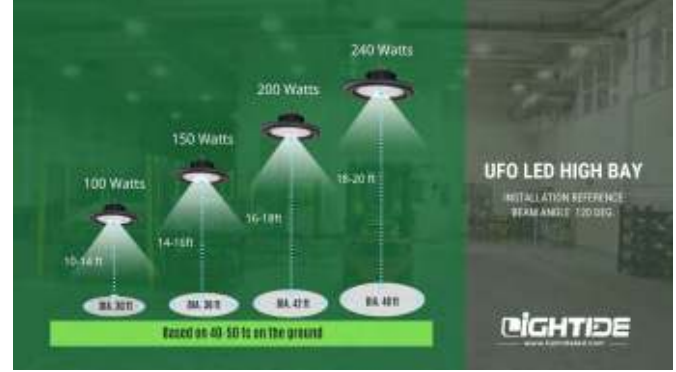
LBA

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IP 65 & IP69K | 160~210 LPW | NSF APPROVAL

Catalog#	Type
Comment	
Project	Date

INSTALLATION



90 DEG BEAM ANGLE INSTALLATION REFERENCE

120 DEG BEAM ANGLE INSTALLATION REFERENCE

PACKAGE INFORMATION

NO.	MODEL#	CARTON SIZE (LXWXH)	G. W. / CTN	QTY/CTN	40' GP
1	LT-LBA100	49X49X24 CM	5.3 Kg (11.8 LBS)	1 PC	1432 PCS
2	LT-LBA150	49X49X24 CM	5.4 Kg (12 LBS)	1PC	1432 PCS
3	LT-LBA200	49X49X24 CM	5.5 Kg (12.2 LBS)	1PC	1432 PCS

OPTIONAL ACCESSORIES



CPT
CCT/Power Tunable



PS
PIR Sensor
or
PS2
PIR Sensor w/ Tuya



MS
Motion Sensor w/Dimming & ON/OFF
MS1
Motion Sensor w/ON-OFF
MS2
Motion Sensor w/Tuya



EM
Emergency Backup
(Field-Assembly)



60° Clear Reflector