



UBA Series

UFO LED High Bay Battery Backup



UBA

UFO LED High Bay Battery Backup



Industrial LED UFO high bay lighting fixture battery backup can provide 90~180 minutes of runtime for backup lighting when the power goes out. In addition, these UFO LED high bay lights feature smaller sizes with more efficient than the traditional high bay lights. Moreover, high light efficacy 140 LPW of high bay lights can deliver efficient, uniform for commercial, industrial, retail, and plant, etc.

UFO LED High Bay Light Battery Backup Emergency System



Junction Box

Emergency Switch

Std. push-button for checking if it can work in emergency mode. Integrated with indicator lamp. Conduct a 30-second discharge test by depressing the test button monthly.

Bolt

SUS304 material

Aluminum Case

- Die-casting aluminum alloy
- waterproof IP 65 rated
- Powder coating

Mount Ring

SUS304 material

Intelligent Battery

- Factory assembly.
- Switch to emergency mode automatically when power is off to keep safe in time.
- Overcharge protection, over-discharge protection, short-circuit protection

LED Driver

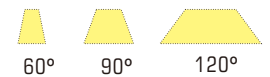
- UL Listed
- 100-277vac
- 1-10VDC Dimming available

LED Chip

CCT: 3000K, 4000K, 5000K and 5700K. Other color temperature available for special order, consult factory for lead time.

Lens

Unique polycarbonate lens distribution design for 60°, 90°, and 120° beam angle for option.



Reflector Option

- 60°/90° PMMA
- 60°/90° aluminum



Model #	LT-UBA-EM Series
Type	High Bay
Version	A1: 2022-01

DESCRIPTION

UFO LED High bay lights battery backup not only can provide excellent lighting efficacy for regular illumination, but also offer reliable backup lighting in an emergency. Therefore, they can guide people out of the building in time under power outages, blackouts, fires, and lightning strikes, etc. These emergency lights are made to last for a long time with their quality construction and durable materials such as tempered glass or polycarbonate lenses and aluminum housings. Our emergency lights are available in your choice of battery to accommodate your space with ease and affordability.

CONSTRUCTION & MATERIALS

- ◆ Die-casting aluminum alloy housing, fully sealed to be dirt and bug proof
- ◆ Impact-proof glass or PC cover
- ◆ IP 65 rating waterproof protection
- ◆ Black polyester powder-coated finish.
- ◆ Test switch for emergency mode
- ◆ Indicator lamp built with test switch

EMERGENCY BATTERY

- ◆ Lithium (Li-Fe/Ni-MH for options)
- ◆ UL 924 & CEC (CA Title 20) compliant
- ◆ Charge time: 24 hrs
- ◆ Emergency time: 90~180 minutes
- ◆ Charge cycle: >500 times
- ◆ Work Temp. -22°F~+140°F (-30°C~+60°C). Especial temperature will be consulted. *

MOUNTING AND WIRING

- ◆ Chain mount/Conduit mount

ENVIRONMENTAL SYSTEM

- ◆ Outdoor wet/damp location

ELECTRICAL SYSTEM

- ◆ Input voltage 100-277VAC
- ◆ ETL/cETL, CE/RoHS.
- ◆ DoE high efficiency

OPTICAL SYSTEM

- ◆ 140-160 lm/w output efficacy
- ◆ Color temperature: 3000K, 4000K, 5000K and 5700K. Other color temperature available for special order, consult factory for lead time.
- ◆ 60°/90°/120° beam angle

LIGHTING CONTROL

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

WARRANTY

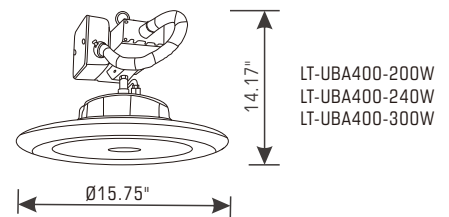
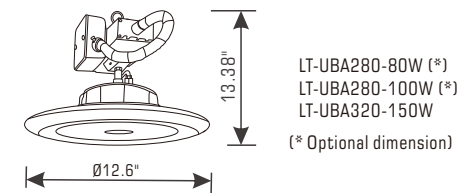
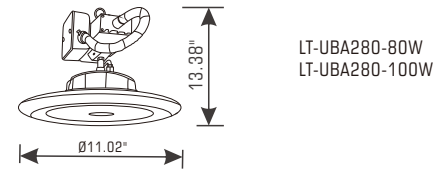
- ◆ 5 Years

STANDARD

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



DIMENSION



DATASHEET

Model#	LT-UBA280-80W-EM LT-UBA280-100W-EM	LT-UBA320-150W-EM LT-UBA320-160W-EM	LT-UBA400-200W-EM LT-UBA400-240W-EM	LT-UBA400-300W-EM
Rated Power	80W/100W	150W/160W	200W/240W	300W
Output Efficacy	140 ~160 LPW	140 ~160 LPW	140 ~160 LPW	130 ~150 LPW
CRI	>80	>80	>80	>80
Beam Angle	60°/90°/120°	60°/90°/120°	60°/90°/120°	60°/90°/120°
Dimension (DXH)	Ø280X340 mm (*)	Ø340X340 mm	Ø400X360 mm	Ø400X360 mm
L70 Life	>50,000hrs	>50,000hrs	>50,000hrs	>50,000hrs
Battery	Lithium/Ni-MH	Lithium/Ni-MH	Lithium/Ni-MH	Lithium/Ni-MH
Duration (minutes)	90 (120/180 Options)	90 (120/180 Options)	90 (120/180 Options)	90 (120/180 Options)
Emergency Power	20W (*)	20W	20W~30W	30W
Emergency Output	3500 lumens (*)	3500 lumens	3500~5250 lumens	5250 lumens
Certificate	ETL/cETL, CE/RoHS	ETL/cETL, CE/RoHS	ETL/cETL, CE/RoHS	ETL/cETL, CE/RoHS

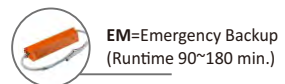
* Optional size: Ø340x340mm. Updated on 202009.

ORDER INFORMATION

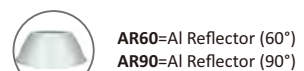
Sample Number: LT-UBA320-150W-27K-EM-Std.

Com.	Family Name	Size Code	Wattage	CCT	Voltage	Accessories	Duration
LT	UBA	280	80W	27K=2700K	Blank=100-277VAC	DM =0-10VDC Dim DA =DALI Dim PS = Photocell MS = Motion sensor EM =Emergency Kit AR60/AR90 CR16/CR19	Std. = 90 min. 2H = 120 min. 3H = 180 min.
		320	100W	30K=3000K			
		400	150W	40K=4000K			
			160W	50K=5000K			
			200W	57K=5700K			
			240W 300W	65K=6500K	HV=200-480VAC		

ACCESSORIES



MS=Motion Sensor



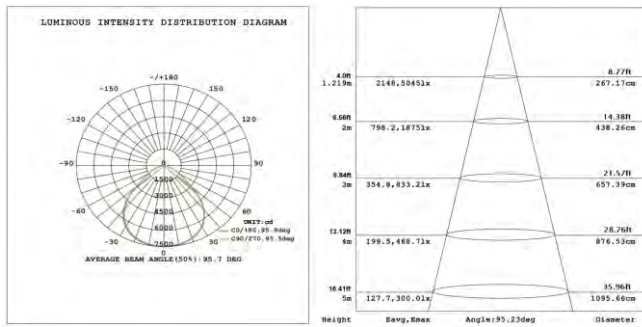
CR16=16" Clear Reflector
CR19=19" Clear Reflector

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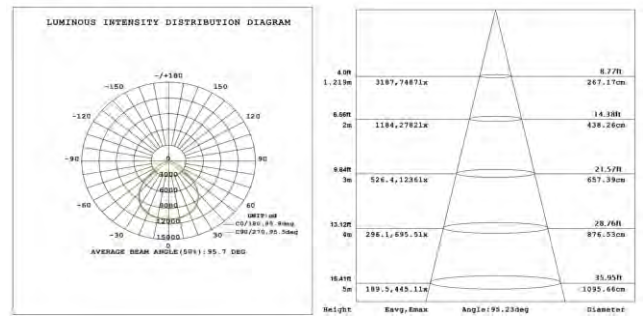
PACKAGE

NO.	Model#	Carton Size (LXWXH)	G. W. / CTN	QTY/CTN
1	LT-UBA280-100W-EM	75X39X36 cm	12.8 kg	2 pcs
2	LT-UBA320-150W-EM	42x42x34 cm	6.7 Kg	1pc
3	LT-UBA400-200W/240W-EM	48x48x34 cm	8 Kg	1pc

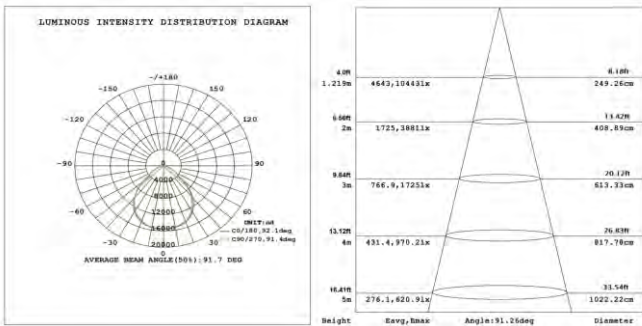
IES REPORT



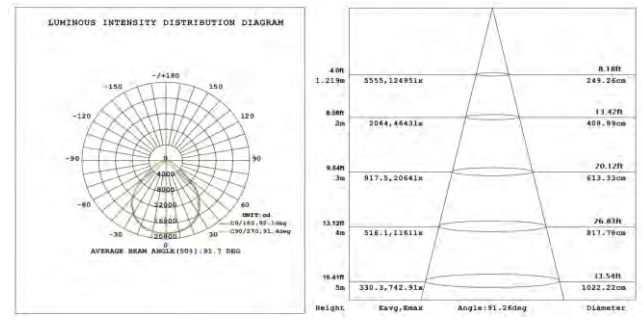
LT-UBA280-100W-90D



LT-UBA320-150W-90D



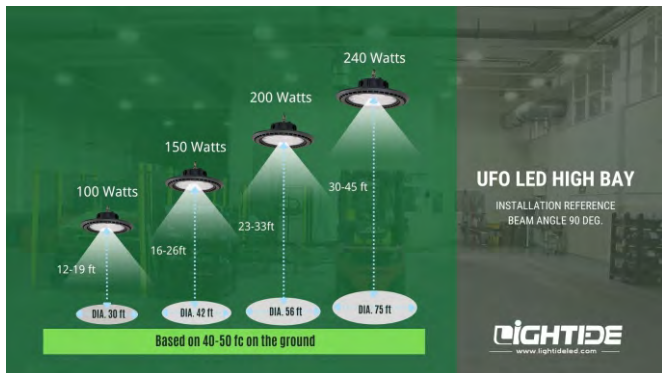
LT-UBA400-200W-90D



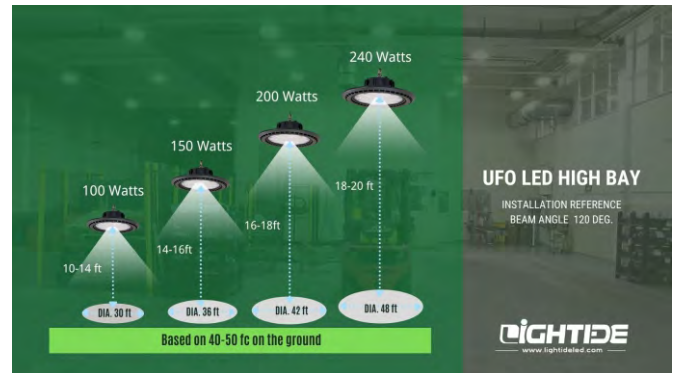
LT-UBA400-240W-90D

MOUNT GUIDE

This emergency UFO led high bay light battery backup is easily installed to the ceiling with a built-in ring. No hard-wiring is needed. A lot of time and labor costs will be saved. Mount height is for installation reference.



90 DEG BEAM ANGLE INSTALLATION REFERENCE



120 DEG BEAM ANGLE INSTALLATION REFERENCE