



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 excellent die-casting aluminum 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



Mount Ring
SUS304 material

Mount Bracket

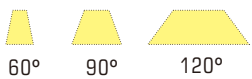
Junction Box

Bolt
SUS304 material

Aluminum Case

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

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



Emergency Switch

Std. push-button for checking if it can work in emergency mode. Integrated with indicator lamp.

Intelligent Battery

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

Optional Motion Sensor

- ON/OFF
- Bi-lever
- Dusk-Dawn

LED Driver

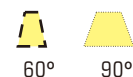
- UL Listed
- 100-277vac
- 1-10VDC Dimming available

LED Chip

LM 80 High efficacy of SMD LED chips. High efficacy LED boards with dual copper cladding for thermal dissipation

Optional Reflector

- 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

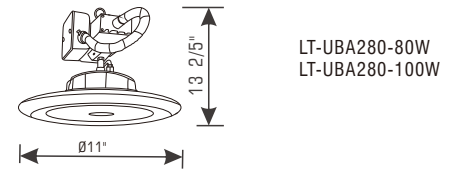
- ◆ 5 Years

STANDARD

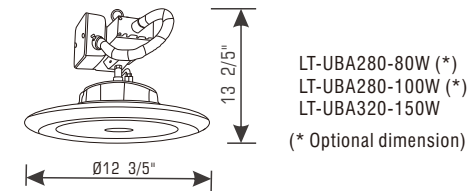
- ◆ EN61347-1, EN61347-2-13, EN60598-2-1, EN60598-1
- ◆ UL 924, UL 1598, CAN/CSA -C.22.2 NO. 250.0,



DIMENSION

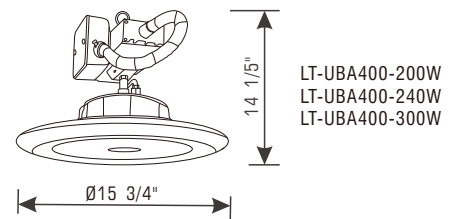


LT-UBA280-80W
LT-UBA280-100W



LT-UBA280-80W (*)
LT-UBA280-100W (*)
LT-UBA320-150W

(* Optional dimension)



LT-UBA400-200W
LT-UBA400-240W
LT-UBA400-300W

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 Cod	Wattage	CCT	Voltage	Accessories	Duration (EM)
LT	UBA	280	80W	27K=2700K	Blank=100-277VAC HV=200-480VAC	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	65K=6500K				
		300W					

ACCESSORIES



EM=Emergency Backup
(Runtime 90~180 min.)

MS=Motion Sensor



AR60=Al Reflector (60°)
AR90=Al Reflector (90°)

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



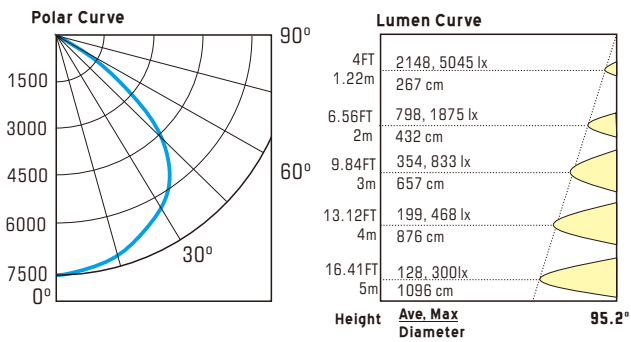
Model #	LT-UBA-EM Series
Type	High Bay
Version	A1: 2022-01

PACKAGE

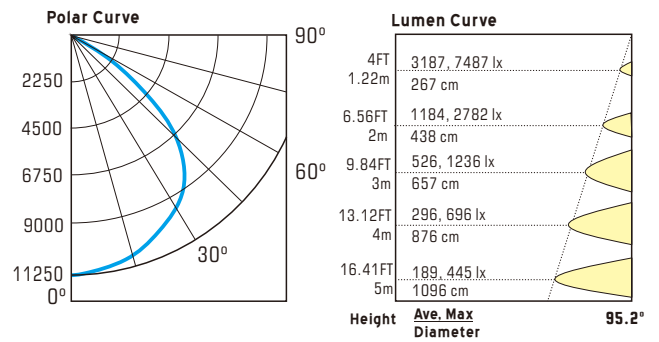
NO.	Model#	Carton Size (LXWXH)	G. W. / CTN	QTY/CTN
1	LT-UBA280-100W-EM	75X39X36 cm	12.8 kg	2 pcs
2	LT-UBA320-150W-EM	42x42x34 cm	6.7 Kg	1pc
3	LT-UBA400-200W/240W-EM	48x48x34 cm	8 Kg	1pc

PHOTOMETRICS

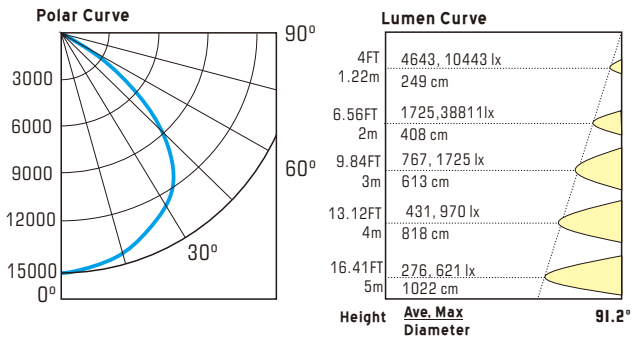
MODEL# LT-UBA280-100W-90D 98W 14,093 lm



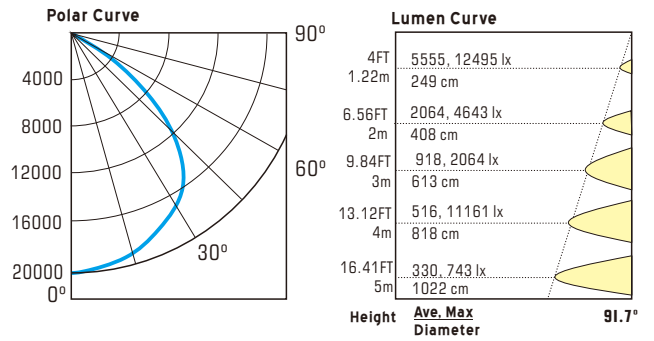
MODEL# LT-UBA320-150W-90D 145W 20,945 lm



MODEL# LT-UBA400-200W-90D 199W 23,551 lm



MODEL# LT-UBA400-240W-90D 238W 32,130 lm



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.

30°-45°
240W (32130 LM)
Replace 1000W MH

23°-33°
200W (23551 LM)
Replace 600W MH

16°-26°
150W (20945 LM)
Replace 400W MH

12°-19°
100W (14094 LM)
Replace 250W MH

90° BEAM ANGLE
Base on 40-50 fc on the ground

18°-20°
240W (32368 LM)
Replace 1000W MH

16°-18°
200W (28009 LM)
Replace 600W MH

14°-16°
150W (20486 LM)
Replace 400W MH

10°-14°
100W (13442 LM)
Replace 250W MH

120° BEAM ANGLE
Base on 40-50 fc on the ground