



SBA Series

**UFO LED High Bay
(3RD-GEN)**



SBA

UFO LED High Bay [GEN 3]



3RD-GEN Industrial LED UFO high bay lighting fixture feature compact sizes with more efficient than the traditional high bay lights. Moreover, high light efficacy 150 LPW of high bay lights can deliver efficient, uniform for commercial, industrial, retail, and plant, etc.

They also can be backup with battery to provide 90~180 minutes of runtime when the power goes out.

Gen-3 UFO LED High Bay Light

IP 66 | Sensor Ready | Emergency Backup Available

Catalog#	Type
Comment	
Project	Date

DESCRIPTION

The 3rd-gen UFO LED High Bay Light is made of polycarbonate lens for any application requiring high lumen output and minimum maintenance. The rugged, die-casting aluminum housing and sealed and gasket optics compartment combine to make LED light virtually impenetrable to contaminants. LED high bay light fixture can get the light intensity up to 400W Metal halide fixture for warehouse, parking lot lighting, plant lighting and other lighting applications.

CONSTRUCTION & MATERIALS

- High-duty die-casting aluminum alloy housing, fully sealed to be dirt and bug proof
- Impact-proof PC lens or tempered glass cover option
- IP 66 rating waterproof protection
- Black polyester powder-coated finish
- Flicker free
- Stainless steel wire protection
- Impact Rated: Ik08
- 6KV Surge protection

EMERGENCY OPTION

- UL 924 & CEC title 20 compliant
- Charge time: 24 hrs
- Emergency time: 90~180 minutes
- Work Temp. 32°F~+122°F (0°C~50°C).

MOUNTING AND WIRING

- Chain mount/Surface mount/Conduit mount

ENVIRONMENTAL SYSTEM

- Indoor/Outdoor, wet/damp location

ELECTRICAL SYSTEM

- Input voltage 100-277VAC
- DLC, ETL/cETL, CE/RoHS.

OPTICAL SYSTEM

- 150 lumen/watt output efficacy
- LM 80 SMD 2835 LED
- Std. 120° beam angle, 60°/90° Available

LIGHTING CONTROL

- Std. 0-10vdc dimming
- Microwave motion sensor ready

WARRANTY

- 5 Years

WARRANTY

- Black (White option)

STANDARD

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



O-ring Available



Sensor Ready



White Finish



DATA SHEET

Model#	LT-SBA100W	LT-SBA150W	LT-SBA200W	LT-SBA250W	LT-SBA300W	LT-SBA400W	LT-SBA500W
Rated Power	100W	150W	200W	250W	300W	400W	500W
Power Factor	>0.92	>0.92	>0.92	>0.92	>0.92	>0.92	>0.92
THD	<20%	<20%	<20%	<20%	<20%	<20%	<20%
Light Output	15,000 lumens	22,500 lumens	30,000 lumens	37,500 lumens	45,500 lumens	60,500 lumens	75,500 lumens
CRI	>80	>80	>80	>80	>80	>80	>80
Beam Angle	60°/90°/120°	60°/90°/120°	60°/90°/120°	60°/90°/120°	60°/90°/120°	60°/90°/120°	60°/90°/120°
Dimension	Ø240X148 mm	Ø280X151 mm	Ø320X155 mm	Ø320X155 mm	Ø360X175 mm	Ø449X228 mm	Ø449X228 mm
L70 Life	>60,000hrs	>60,000hrs	>60,000hrs	>60,000hrs	>60,000hrs	>60,000hrs	>60,000hrs
Battery	Lithium/Ni-MH	Lithium/Ni-MH	Lithium/Ni-MH	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)	90 (120/180 Options)	90 (120/180 Options)	90 (120/180 Options)
Equivalent	250W MH	400W MH	600W MH	1000W MH	1000W MH	1000W MH	1000W MH
Surge Protection	4-6 KV	4-6 KV	4-6 KV	4-6 KV	4-6 KV	4-6 KV	4-6 KV
Certificate	ETL/cETL, CE/RoHS,DLC	ETL/cETL, CE, DLC	ETL/cETL, CE, DLC	ETL/cETL, CE, DLC	ETL/cETL, CE	ETL/cETL, CE	ETL/cETL, CE

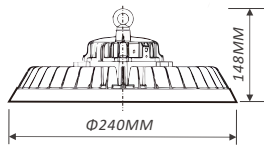
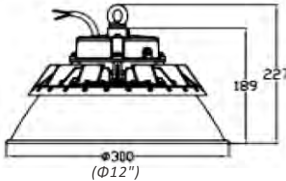
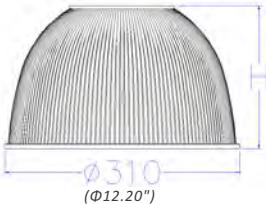
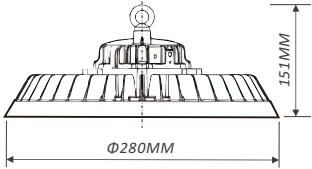
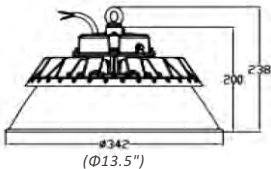
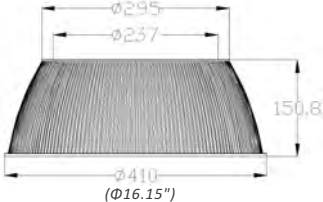
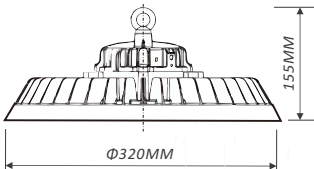
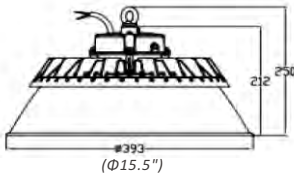
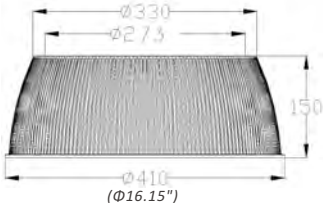
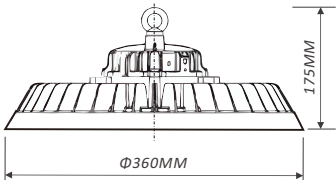
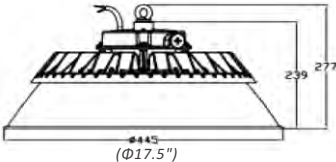
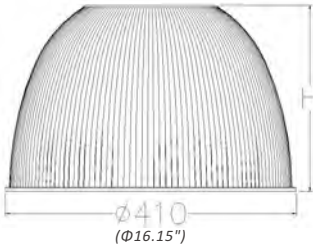
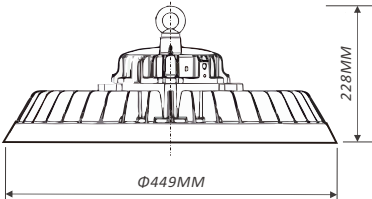
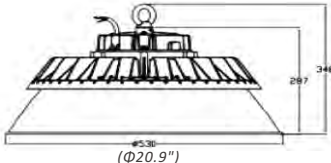
ORDER INFORMATION

Sample Number: LT-SBA150W-27K-MV-BT-EM-Std.-90D

Com.	Seris	Wattage	CCT	Work Voltage	Assories	Duration (EM)	Beam Angle	Finish
LT	SBA	100W 150W 200W 250W 300W 400W 500W	27K 2700K 30K 3000K 40K 4000K 50K 5000K 57K 5700K	Blank 100-277vac M 127-347vac H 180-480vac	MS Motion sensor EM Emergency Backup AR Aluminum reflector CR Polycarbonate reflector	Std. = 90 Min. 2H = 120 Min. 3H = 180 Min.	Blank 120° 90D 90° 60D 60°	Blank Black WH White

Catalog#	Type
Comment	
Project	Date

DIMENSION (UNIT:MM)

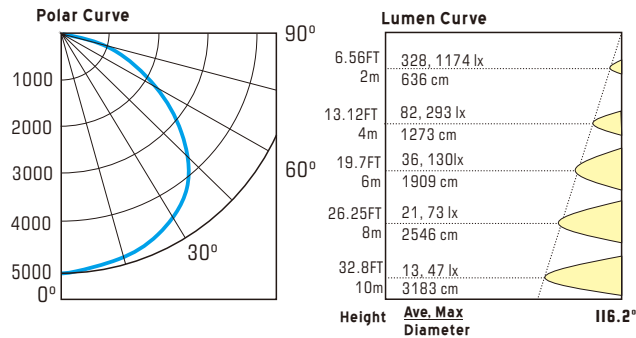
MODEL#	DIMENSION	ALUMINUM REFLECTOR	PC REFLECTOR
LT-SBA100W			
LT-SBA150W			
LT-SBA200W/250W			
LT-SBA300W			
LT-SBA400W/500W			

Catalog#	Type
Comment	
Project	Date

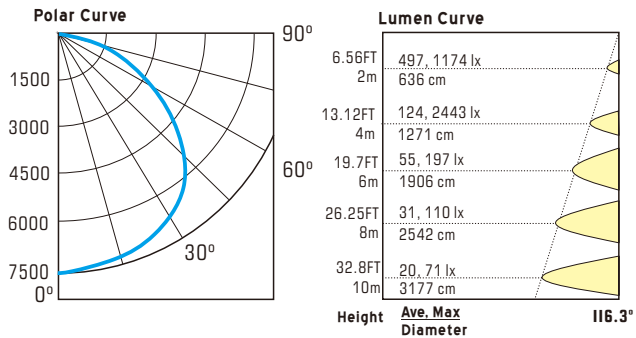
PACKAGE					
NO.	Model#	Carton Size (LXWXH)	N.W. /CTN	G. W. / CTN	QTY/CTN
1	LT-SBA80W/100W	32X32X18 cm	1.30 Kg	1.80 kg	1pc
2	LT-SBA150W	36x36x18cm	1.50 Kg	2.10 Kg	1pc
3	LT-SBA200W	40X40X19 cm	2.1 Kg	2.70 Kg	1pc
4	LT-SBA250W	40X40X19 cm	2.1 Kg	2.1 Kg	1pc
5	LT-SBA300W	44X44X21cm	3.60 Kg	4.40 Kg	1pc
6	LT-SBA400W	55X55X26 cm	5.80 Kg	6.90 Kg	1pc
7	LT-SBA500W	55X55X26 cm	6.90 Kg	6.90 Kg	1pc

PHOTOMETRICS

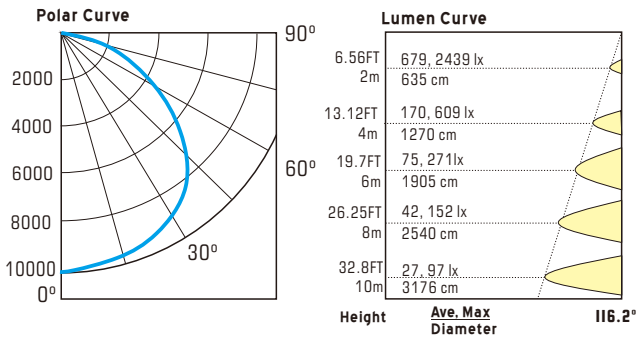
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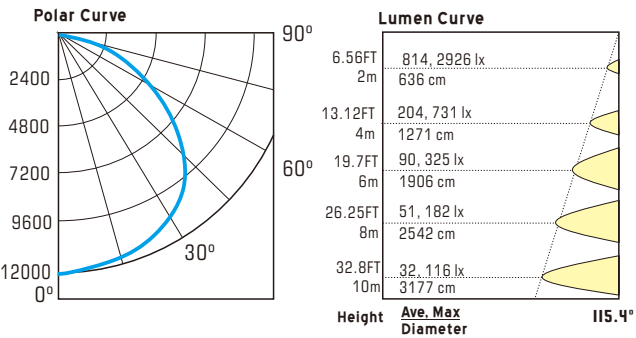
MODEL# LT-SBA150W-120D 144.4W 22,485.7 lm



MODEL# LT-SBA200W-120D 199W 30,009 lm



MODEL# LT-SBA250W-120D 238.4W 37,470 lm



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OPTIONAL MOTION SENSOR

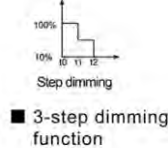
MS/PS=Microwave Motion Sensor



ON/OFF function

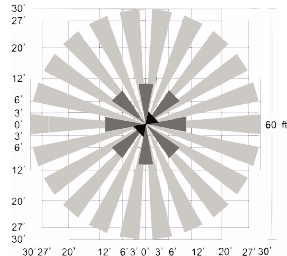
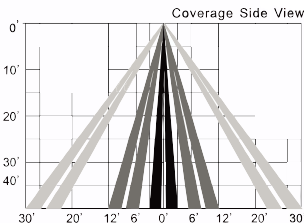


Daylight harvesting



3-step dimming function

SENSOR COVERAGE



DAYLIGHT (ON/OFF)

- Stand-by period adjustable: 1min / 30min / 1h / infinity 0% / 20% / 30% / 50%
- Holding Time adjustable: 5s / 1min / 5min / 10min / 15min / 20min / 30min / 1h

OPTIONAL EM BATTERY

EM(H)=Emergency Backup



When the AC power goes out, the emergency driver detects the AC power outage and automatically switch to the working emergency mode. The green LED light off. When the AC power is restored, the emergency driver backs to AC power working and starts re-charging, the green LED light on.

- Standard CSAC22.2 N0.141, UL924, IP65
- Selectable emergency power : 25W-60W
- Universal input (100-347VAC)
- Built-in Lithium Battery
- Battery protections over charge protection over discharge protection short circuit protection
- The batteries meet 500 cycles of standard charge and discharge
- CEC Title 20
- Full Warranty 5 Years

- Emergency Time: > 1.5 Hrs
- Illuminated Test Switch: Low Voltage, Indicator lamp
- Battery Charging Current: 250mA
- Recharge Time: 24Hours
- Temperature Rating (Ambient)
- Li-ion 0°C to 50°C (32°F to 122°F)
- Output Voltage: 175VAC

MOUNT GUIDE

This UFO led high bay light 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.

