Apex Lighting

AL-UFH7
HIGH BAY LIGHT

[RoHS] [5YEAR] [SAA] [IP65] [CE] [IK10] [FC] [Dimmable] [UL CERTIFIED] [Wet locations] [DLC PREMIUM]
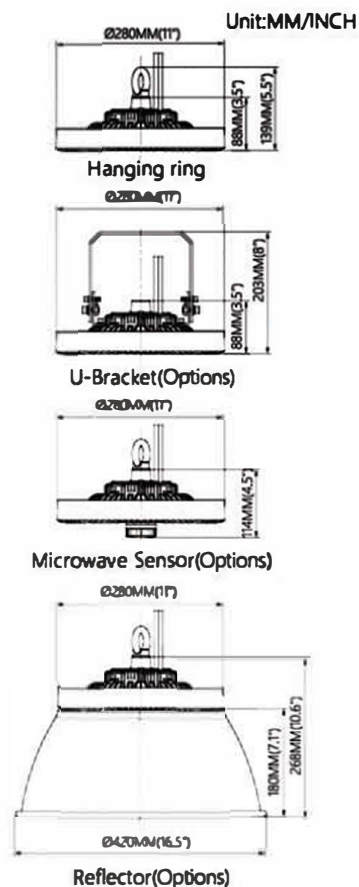
FEATURES

- **UL Listing:** Suitable for wet locations
- **LEDs:** Long-life, high-efficiency, surface mount LEDs
- **Lifespan:** 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations
- **Drivers:**
- **100W:** Constant current, 50/60 Hz., 120-277V, 0.83A @ 120V, 0.48A @ 208V, 0.42A @ 240V, 0.36A @ 277V;
- **150W:** Constant current, 50/60 Hz., 120-277V, 1.25A @ 120V, 0.72A @ 208V, 0.62A @ 240V, 0.54A @ 277V;
- **200W:** Constant current, 50/60 Hz., 120-277V, 1.67A @ 120V, 0.96A @ 208V, 0.83A @ 240V, 0.72A @ 277V;
- **Fixed:** 5000K color temperature per ANSI C78.377
- **Dimming:** 0-10V dimming, Continuous
- **Reflector Options:** white aluminum reflector available in 7" (180mm)height; PC reflector .
- **Finish:** Black(standard)/Customerization.
- **Housing:** ADC12 die-cast aluminum

DIMENSIONS:

Unit:MM/INCH

Ø280MM(11") 139MM(5.5") 88MM(3.5")
Hanging ring

Ø280MM(11") 203MM(8") 88MM(3.5")
U-Bracket(Options)

Ø280MM(11") 114MM(4.5")
Microwave Sensor(Options)

Ø280MM(11") 266MM(10.6") 180MM(7.1") Ø420MM(16.5")
Reflector(Options)

ORDERING INFORMATION

Model: AL-UFH7-ABCD-EFGH-IHKLM, For example: AL-UFH7-150WLD-50K8022-S7BKM

Electric Character				Optics Character				Physical Character				Smart Optional
A	B	C	D	E	F	G	H	I	J	K	L	M
Rated power	Input voltage	Driver brand	Dimming	Fixed	CRI	LED CHIP	Beam Angle	Dimension	Color	Installation	Lens	Sensor
100W 150W 200W	L-≤277V H-≥277V	Blank or 1-5	Blank-No dimmable D-Dimmable	50K-5000K	80-Ra80	1-10	1-60° 2-90° 3-120°	S7-max150W M7-max200W	BK-Black WH-White	Blank-Ring U-U-bracket	Blank-PC G-Glass	Blank-No sensor M-Microwave Sensor P-PIR Sensor MWB-Microwave Sensor+WiFi+Bluetooth

DATA SHEET

	Input Power (W)	80W	100W	120W	150W	200W
OPTICS	Lumens Delivered @ 5000K	12,000lm	15,000lm	18,000lm	22,500lm	30,000lm
	Efficacy (lm/W)	>150lm/W				
	CRI	>80				
	IES LM-80 results and TM-21 calculations	>100,000 hours				
	Fixed	Available in 5000K				
ELECTRICAL	Input Voltage	AC220-240V / AC120-277V ,50/60Hz				
	Max THD %	<10%				
	Power Factor	>95%				
PHYSICAL	Housing	ADC12 die-cast aluminum				
	Lens Tpye	PC				
	Weight	2.3KG(5.1LB)				2.5KG(5.5LB)
CERTIFICATION	Certification	UL listed, FCC,CE,RoHS,SAA				
	Environment	Wet location listed, IP65				
THERMAL	Operating Temperature	-40°F - 122°F (-40°C - 50°C)				
	Humidity	10% - 90% RH, non condensing				
QUALIFICATION	DesignLights Consortium	DLC 5.1 Premium				
SMART OPTIONAL		Microwave Sensor / PIR Sensor / Microwave Sensor+WiFi+Bluetooth / Remote Control				
OTHER	Warranty	5-year standard warranty				

SMART OPTIONAL

• Microwave Sensor:

1. If no Microwave Sensor is detected: after 5 seconds, the lamp will switch to off.

2. If any Microwave Sensor is detected: lamp returns to 100% output for your pre-defined hold time.

3. If you need other control modes, you can set them by remote control.

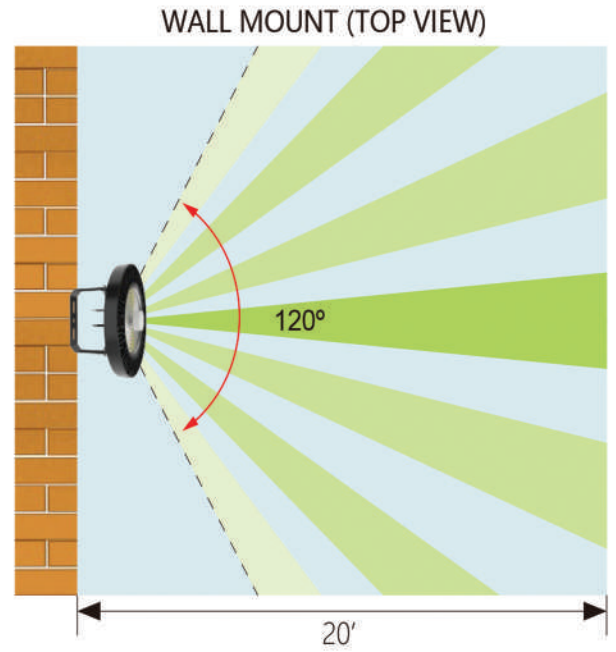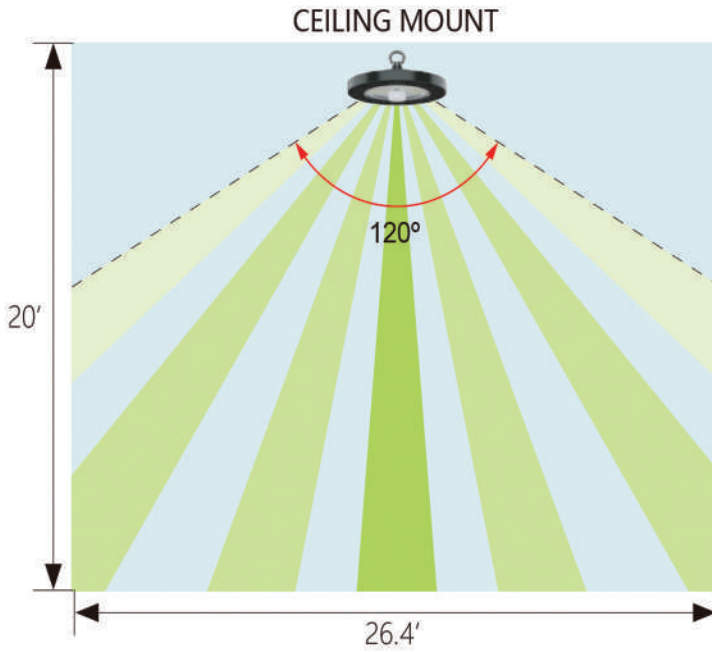Typical Applications: warehouses, gymnasiums, corridors, parking garages

Input Voltage	Output Voltage	Output Current	Detection Angle	Max. Mounting Height	Detection Diameter at Max. Mounting Height
12V	0-10V	20mA	120°	20'	26.4'

Aluminum Reflector

PC Reflector

Apex Lighting

CEILING MOUNT

20'

120°

26.4'

WALL MOUNT (TOP VIEW)

120°

20'

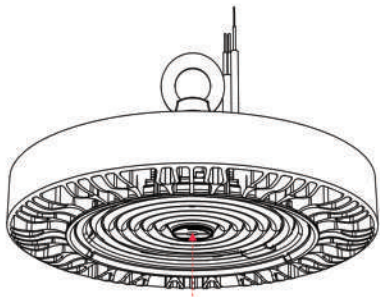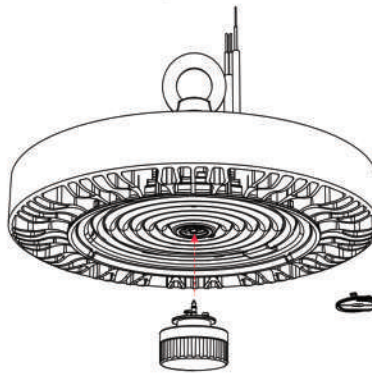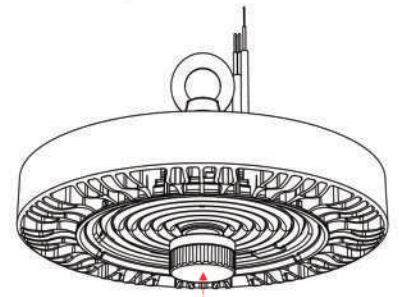## Microwave Sensor (Installation Instruction)

Take down

Align with the hole, plug it in, twist it up

Twist it. Done

Options

Microwave Sensor	PIR Sensor	Microwave Sensor + WiFi APP + Bluetooth	Remote Control

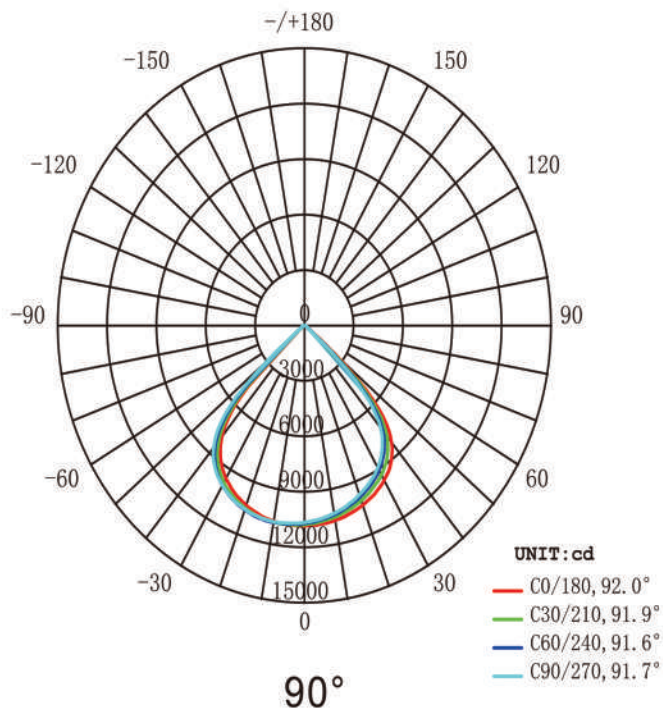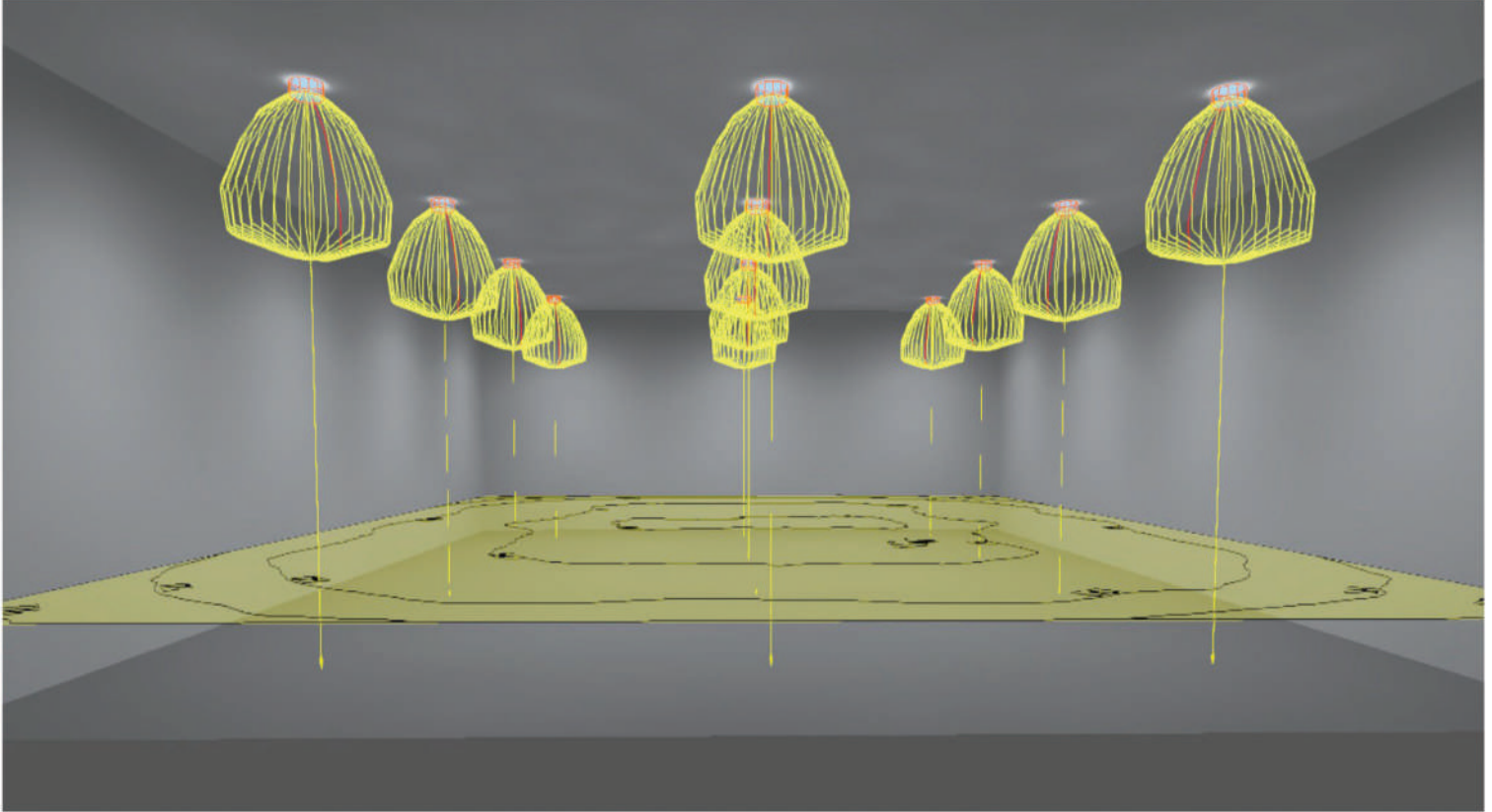## OPTICS

Tech.Support:
Tell us the room L,W and usage,we have an engineer team to respond the DIALUX for lights quantity and effects,
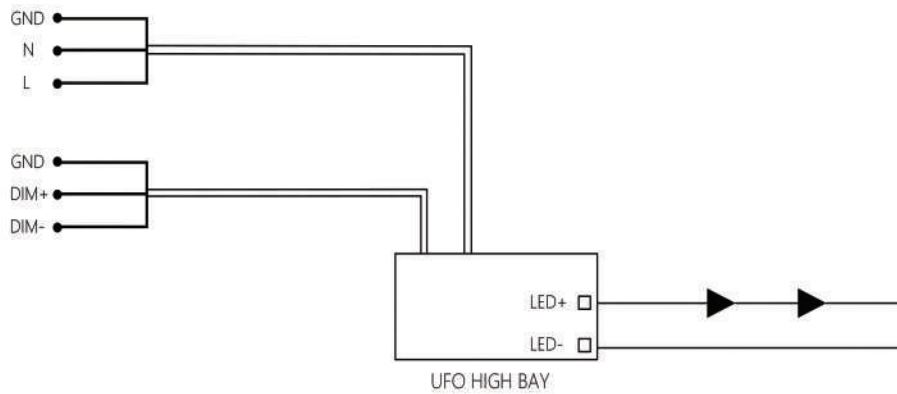IES fils are available upon request.

UNIT:cd
— C0/180, 92. 0°
— C30/210, 91. 9°
— C60/240, 91. 6°
— C90/270, 91. 7°

AL-UFH7
HIGH BAY LIGHT

Wiring Connection
Turn off the power, connect AC wire.
Dimmer connection (With dimmable driver.)
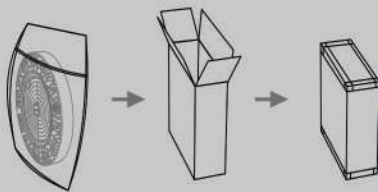1. Compatible with 0-10V dimming.
2. Connect wires as below.

GND
N
L

GND
DIM+
DIM-

LED+
LED-

UFO HIGH BAY

Inner box   Carton

Type	Package			
Model	80W/100W/120W/150W		200W	
Packing	Inner box	Carton	Inner box	Carton
Packing QTY	1pcs/CTN	5pcs/CTN	1pcs/CTN	5pcs/CTN
CTN SIZE	292x101x298 MM 11.4x4x11.7 INCH	549x308x320 MM 21.6x12.1x12.6 INCH	292x101x298 MM 11.4x4x11.7 INCH	549x308x320 MM 21.6x12.1x12.6 INCH
N.W.	2.3KG/5.1LB	11.5KG/25.3LB	2.5KG/5.5LB	12.5KG/27.6LB
G.W.	2.6KG/5.7LB	13.7KG/30.2LB	2.8KG/6.2LB	14.7KG/32.4LB
20GP	2355CTN	471CTN	2355CTN	471CTN
40GP	4910CTN	982CTN	4910CTN	982CTN
40HQ	6085CTN	1217CTN	6085CTN	1217CTN

Inner box
H7 1PCS

Carton
H7 5PCS