

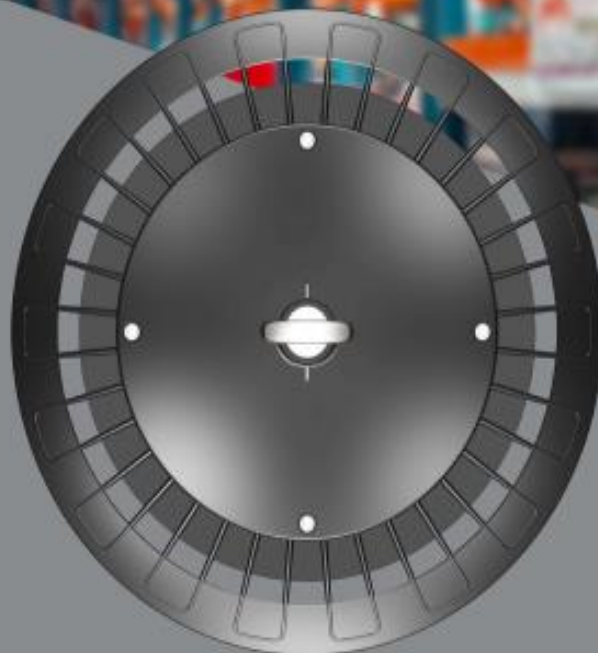
מגדל אור
הנדסת תאורה

HIGH BAY LIGHT

Ultra-high efficiency
up to 150-210 lm/W



RoHS



מגדל אור

הנדסת תאורה

04-8525244



Features

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:

80W:

Constant current, 50/60 Hz., 120-277V, 0.67A @ 120V, 0.38A @ 208V, 0.33A @ 240V, 0.29A @ 277V;

100W:

Constant current, 50/60 Hz., 120-277V, 0.83A @ 120V, 0.48A @ 208V, 0.42A @ 240V, 0.36A @ 277V;

120W:

Constant current, 50/60 Hz., 120-277V, 1.00A @ 120V, 0.58A @ 208V, 0.50A @ 240V, 0.43A @ 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;

240W:

Constant current, 50/60 Hz., 120-277V, 1.67A @ 120V, 1.15A @ 208V, 0.99A @ 240V, 0.72A @ 277V;

CCT: Available in 4000K, 5000K & 6000K color temperature per ANSI C78.377

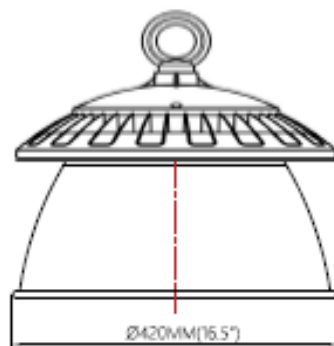
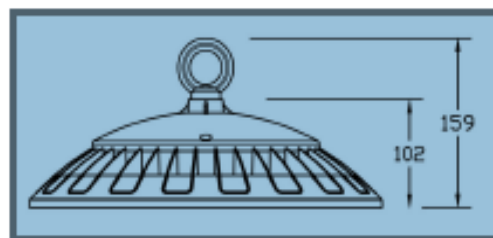
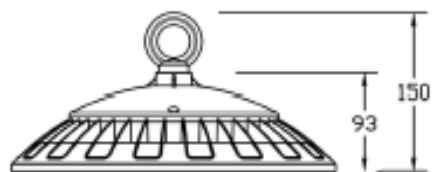
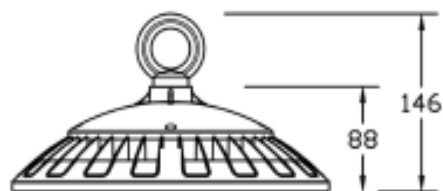
Dimming: 0-10V dimming, Continuous

Finish: Black(standard)/Customerization.

Housing: ADC12 die-cast aluminum



Dimension



Reflector(Options)

Reflectors



Aluminum Reflector



PC Reflector

DATA SHEET

OPTICS	Input Power (W)	80W	100W	120W	150W	200W	240W
	Lumens Delivered @ 5000K	12,800lm	16,000lm	19,200lm	22,500lm	30,000lm	36000lm
	Efficacy (lm/W)	Normal 150-160lm/W±5%					
	CRI	>70					
	IES LM-80 results and TM-21 calculations	>100,000 hours					
	CCT	Available in 3000k,4000K, 5000K & 6000K					
ELECTRICAL	Input Voltage	AC220-240V / AC120-277V ,50/60Hz					
	Max THD %	<10%					
	Power Factor	>95%					
PHYSICAL	Housing	ADC12 die-cast aluminum					
	Lens Type	PC or GLASS					
	Weight						
CERTIFICATION	Certification	CE-EMC, CE-LVD, IP65,IK09,SAA ,ROHS					
	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	ISO9001, ISO14001, ISO45001,ISO50001					
SMART OPTIONAL		Microwave Sensor / Microwave Sensor+WiFi+Bluetooth / Remote Control					
OTHER	Warranty	5-year standard warranty					

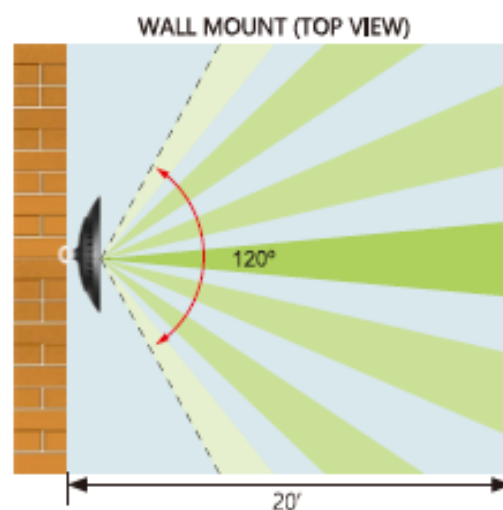
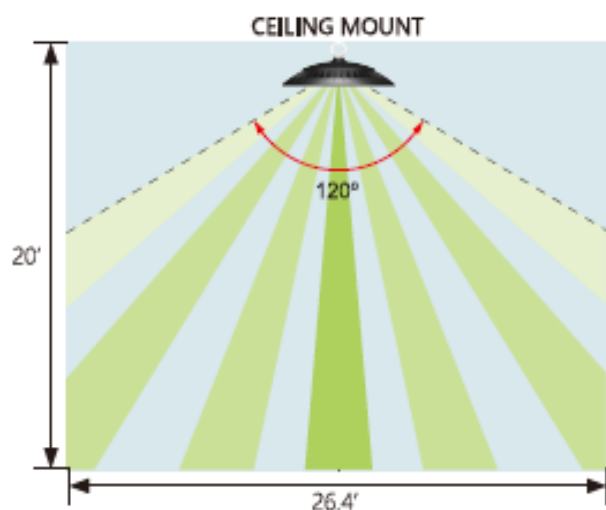
Smart Optional

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.

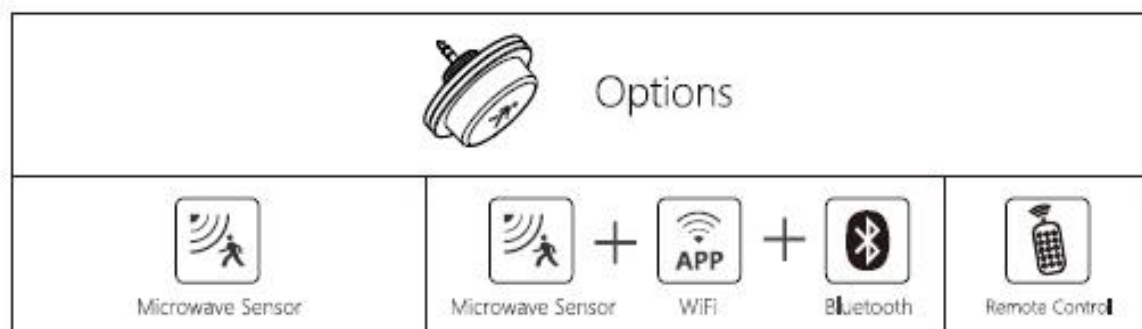
Input Voltage	Output Voltage	Output Current	Detection Angle	Max. Mounting Height	Detection Diameter at Max. Mounting Height
12V	0-10V	20mA	120°	20'	26.4'

Typical Applications: warehouses, gymnasiums, corridors, parking garages

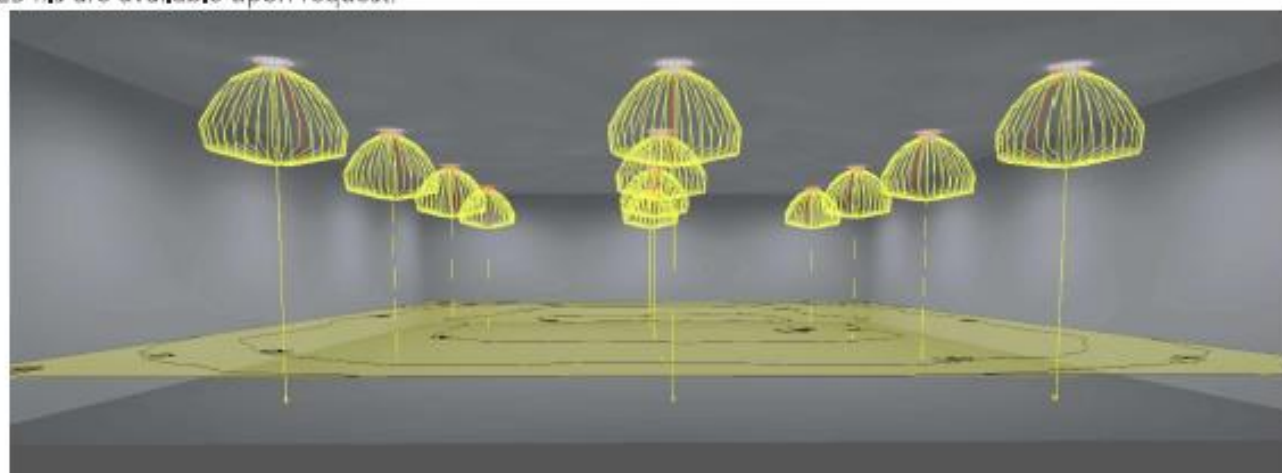


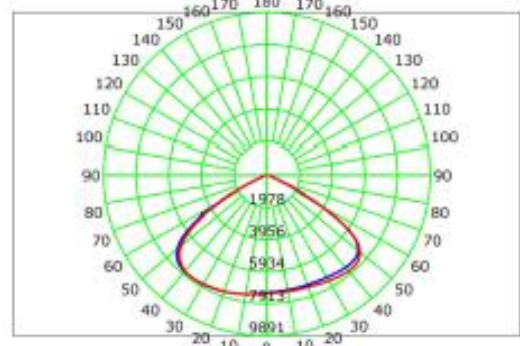
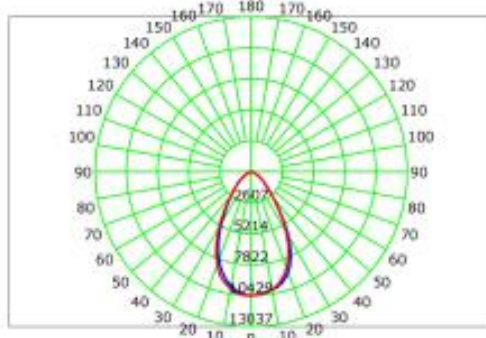
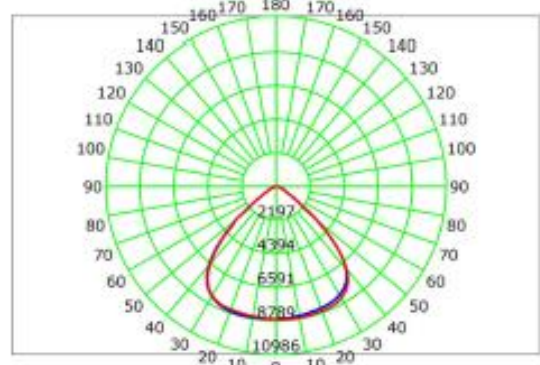
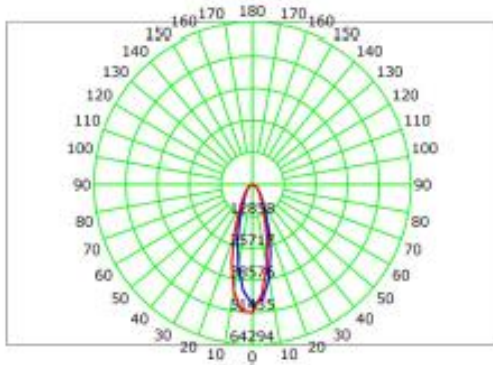
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Microwave Sensor (Installation Instruction)**Optics****Tech.Support:**

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





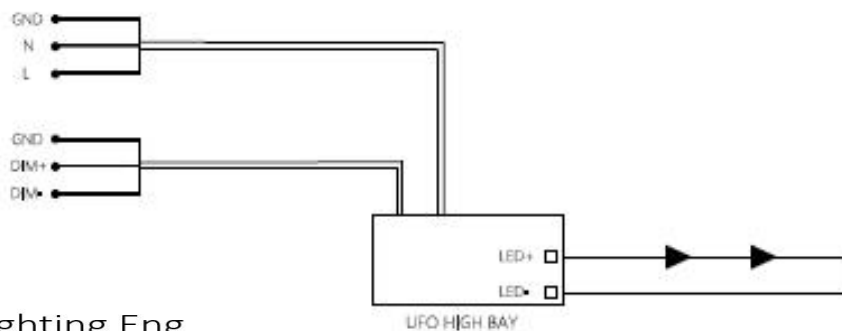
Wiring diagram

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.



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