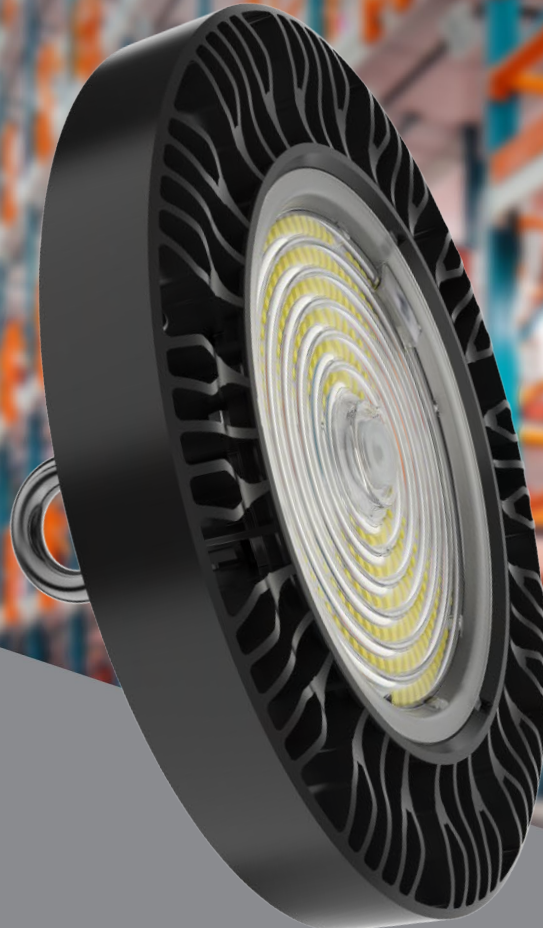


# HIGH BAY LIGHT H7

Ultra-high efficiency  
up to 160 lm/W



Note: Not all of the products indicated in this specification are DLC premium qualified, please refer to <https://www.designlights.org/searcher> for more details.

HIGH LIGHT · DURABLE · SAVE COST  
80W/100W/120W/150W/200W

Suitable for Factory / Warehouse / Indoor Basketball / Court / Gym / Shopping mall and other Industrial and Commercial venues

## 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:**

**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;

**CCT:** Available in 4000K, 5000K & 6000K 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

## Reflectors



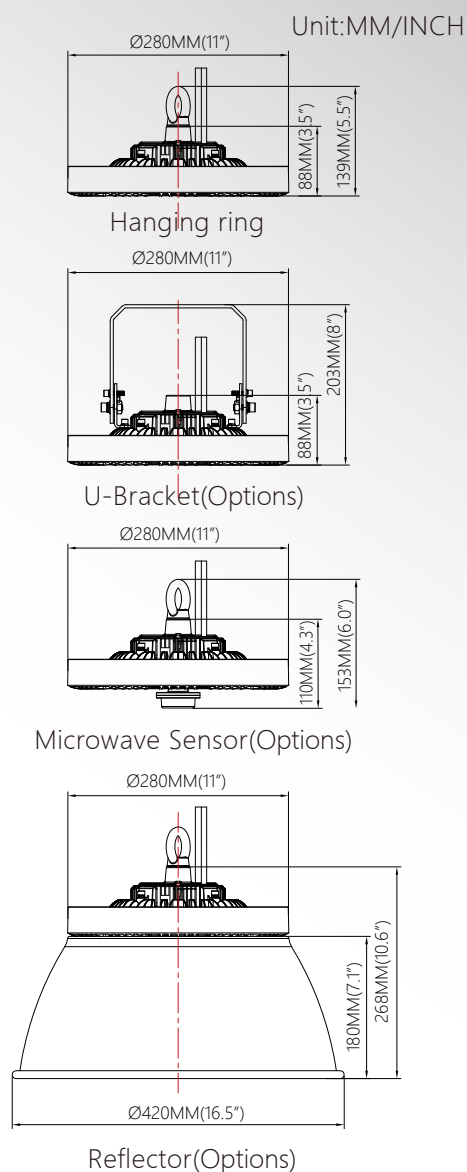
Aluminum Reflector



PC Reflector



## Dimension



## DATA SHEET

	Input Power (W)	80W	100W	120W	150W	200W
OPTICS	Lumens Delivered @ 5000K	12,800lm	16,000lm	19,200lm	22,500lm	30,000lm
	Efficacy (lm/W)	160lm/W±5%				
	CRI	>80				
	IES LM-80 results and TM-21 calculations	>100,000 hours				
	CCT	Available in 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				
	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 / Microwave Sensor+WiFi+Bluetooth / Remote Control				
OTHER	Warranty	5-year standard warranty				

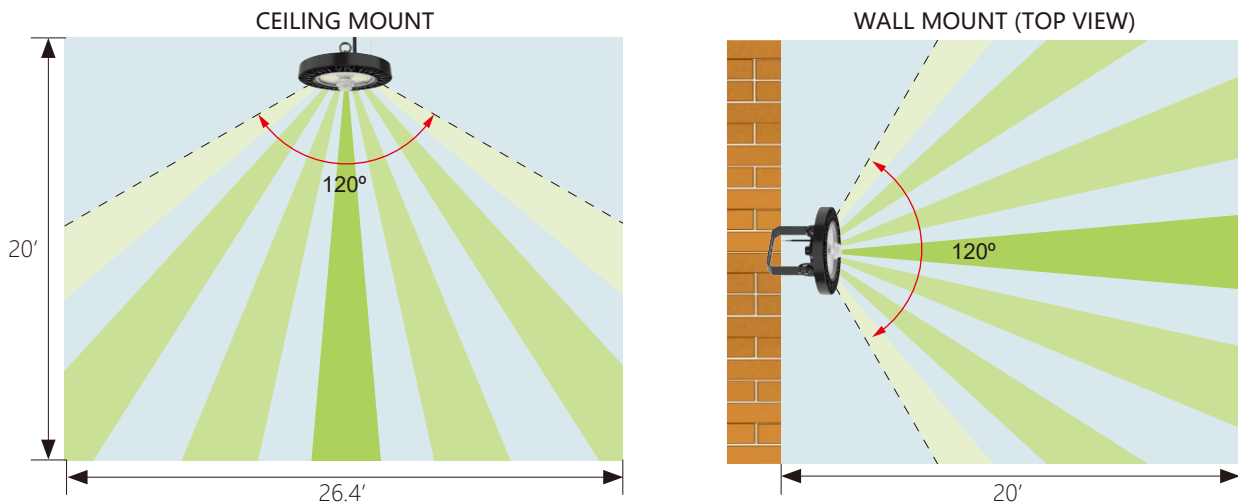
## Smart Optional

### Microwave Sensor:

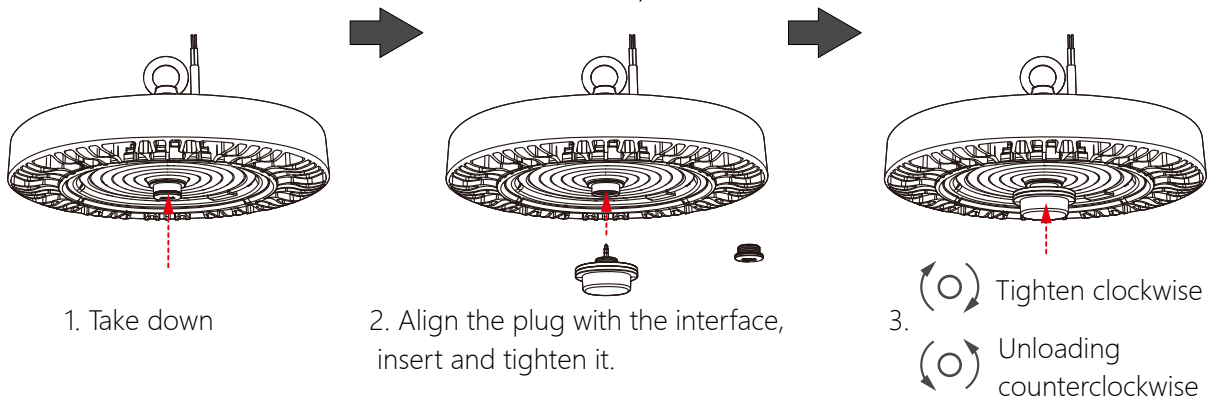
1. If no Microwave Sensor is detected: after 5 seconds, the lamp will switch to off.
2. If any Microwave Sensor is detected: lamp returns to 100% output for your pre-defined hold time.
3. If you need other control modes, you can set them by remote control.






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

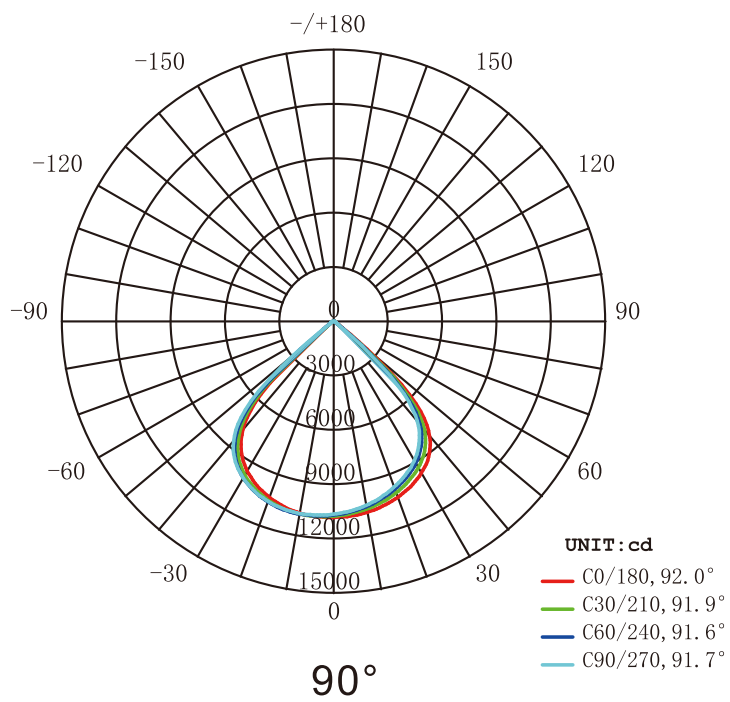
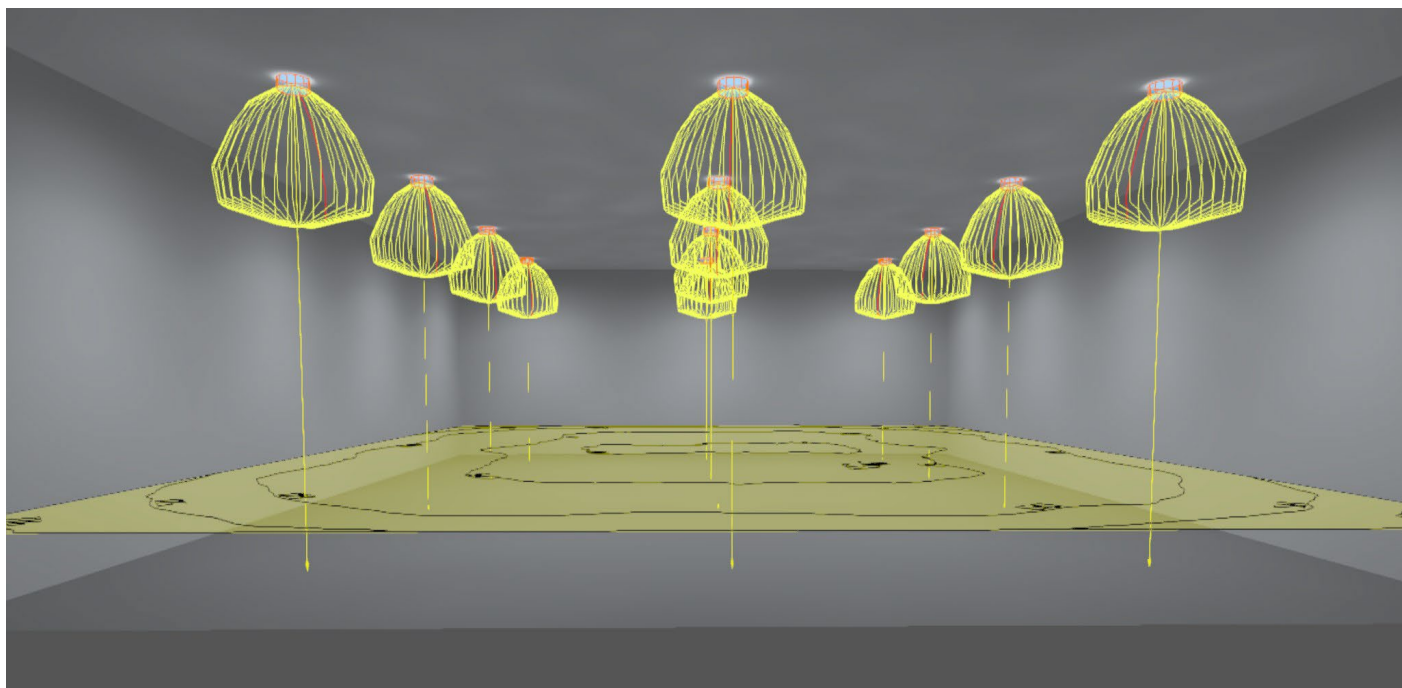


### Microwave Sensor (Installation Instruction)



Options			
 Microwave Sensor	 +  +  Microwave Sensor    WiFi    Bluetooth	 Remote Control	

## Optics



## Wiring diagram

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### 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.

