

# LED UFO HIGH BAY WITH Q-BASE

► **DESIGN** - LED UFO HIGH BAY Q-BASE has a built-in motion sensor base, allowing you to install the microwave motion or PIR sensor. Die-cast aluminum housing with excellent heat dissipation along with an anti-glare PC lens provide many years of use. It can operate in temperatures ranging from -40 to 149°F. It runs on 120-277V or 277-480V circuits with a 0-10V dimmable driver.

► **COLOR AND POWER SELECTABLE** - You can choose either a 3,000K warm white, 4,000K cool white or 5,000K daylight color temperature, and change the power with a simple switch.

► **IP69K** - rating provides protection against ingress of dust and high temperature, high pressure water.

► Surge protection 6kV protects the fixture from voltage spikes and current surges.

► **INSTALLATION** - This fixture has three different mounting options: suspended, surface, and pendant. It comes with 4 ft cord. Perfect commercial or industrial solution for warehouses, supermarkets, retail stores, gyms, and many other applications.

► **ADVANTAGES** - With calculated lifespan up to 155,000 hours, these fixtures are made to last decades under normal operation! ASD provides a 5-year limited warranty along with UL and DLC Premium certifications to guarantee top quality products and safety!

Catalog number	
Notes	
Type	



Finish:  White  
 Black

Model	Watts	Voltage	Dimmable	Lumens	CCT	Finish	Dimensions (LxWxH)	Cord
ÄFFHFİ	100/150/200W	120-277 V	0-10 V	16,500/24,750/33,000 lm	3CCT (3,000/4,000/5,000 K)	Black	12-5/8" x 12-5/8" x 6-15/16"	4 ft
ÄFFHFİ	150/200/240W	120-277 V	0-10 V	24,750/33,000/39,600 lm	3CCT (3,000/4,000/5,000 K)	Black	12-5/8" x 12-5/8" x 6-15/16"	4 ft
ÄFFHF7	200/240/300W	120-277 V	0-10 V	33,000/39,600/49,500 lm	3CCT (3,000/4,000/5,000 K)	Black	12-5/8" x 12-5/8" x 7-11/16"	4 ft

## MOTION SENSOR INFORMATION

REMOTE CONTROL **HD05R** sold separately:

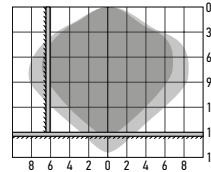


Button	Remarks	Button	Remarks	Button	Remarks
	<b>ON/OFF</b> Turn the sensor ON/OFF.		<b>Apply</b> Applies current scene settings to the fixture.		<b>Hold time</b> The period that light will stay illuminated 100 % after no motion is detected. Use this button and the + - buttons to adjust.
	<b>MW/PIR</b> Select Microwave or PIR sensor.		<b>Detection range</b> Also known as "sensitivity", 100 % means the highest sensitivity and longest distance. Use this button and the + - buttons to adjust.		<b>Stand-by period</b> The period after holdtime, during which the light keeps standby dimming level. Use this button and the + - buttons to adjust.
	<b>Scene</b> Shows current settings saved in remote.		<b>Stand-by dimming</b> After hold time, the light will dim from 100 % to optional standby dimming levels. Use this button and the + - buttons to adjust.		<b>Daylight sensor</b> The preset lux level at which motion will be detected. Use this button and the + - buttons to adjust.
	<b>Start</b> Press this to begin scene setup.		<b>UP</b> The main functional buttons to adjust the factors to desired level. Press + - button to dim light directly in non-detection mode.		<b>Test mode</b> Press this button to test the sensor; it will temporarily change the hold time to 2s. This setting cannot be saved.
	<b>Memory</b> Saves the scene settings.		<b>DOWN</b>		<b>Power</b> The dimming output in detection mode. Use this button and the + - buttons to adjust.

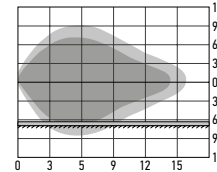
\* When any programming is set, icon will blink for 5s and fixture will dim and then resume at 100% meaning the program has been saved.



### HD09VR-MH: Ceiling mounted



### Wall mounted



- Highest mounting height is 49.2ft (15m)
  - This figure indicates the maximum distance at the highest mounting height with 100 % sensitivity.
- Well detected area  
■ Possibly detected area

#### Installation precautions:

1. Microwave sensor can be installed in any lamp except one with a full metal shell.
2. The detected surface cannot be shielded by metal objects.
3. Make sure the microwave module is completely exposed.
4. The detection surface of the sensor module should be installed facing the detection area.

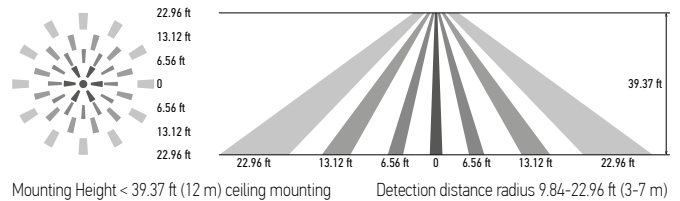
#### Application environment:

1. Suitable for indoor installation to avoid false triggering due to external factors such as rain, wind or tree movement.
2. Shall not be installed in a place with all metal walls or small spaces (such as galvanized-iron roof).
3. Shall be mounted securely, to avoid any false triggers caused by movement of the fixture itself.
4. Shall not be installed next to large operating machines such as a ventilator or ceiling fan, to avoid false triggers caused by machine vibration.

#### User notes:

1. Microwaves can penetrate walls or glass thinner than 0.8" but will be impaired if thicker than 0.8".
2. The driver voltage shall be stable and float within 10 %.
3. Detection area will be affected by speed of motion, mounting height and movement volume.
4. Conduct testing with adequate ambient lighting for best results.

### HD09VR-PH:



Specifications	Model: HD09VR-PH	Model: HD09VR-MH
Operating voltage	10-15 V	
Operating current	< 15 mA	< 30 mA
Working mode	0-10 V	
Detection area	25 %/50 %/75 %/100 %	
Hold time	Remote control: 5 s/30 s/1 min/3 min/5 min/10 min/20 min/30 min	Rotating switch: 5 s/1 min/5 min/10 min
Daylight threshold	2 lux (0.2 fc)/10 lux (0.9 fc)/30 lux (2.8 fc)/50 lux (4.7 fc)/80 lux (7.4 fc)/120 lux (11.2 fc)/200 lux (18.6 fc)/250 lux (23.2 fc)/300 lux (27.9 fc)/350 lux (32.5 fc)/400 lux (37.2 fc)/disable	
Standby period	0 s/10 s/30 s/1 min/5 min/10 min/30 min/60 min/+ ∞	
Standby dimming level	Remote control: 10 %/20 %/30 %/50 %	Rotating switch: 0 %/10 %/30 %/50 %
Operating temperature	- 4°F to 140°F (-20°C to 60°C)	- 40°F to 158°F (-40°C to 70°C)
Mounting height	≤ 39 ft (12 m)	max 49.2 ft (15 m)
Detection range	≥ 9 ft (3 m)	
Operating frequency	-	5.8 GHz ± 75 GHz
Transmitting power	-	< 0.3 mW
IP rating	IP65	

### DEFAULT SETTING:

Specifications	
Detection area	100 %
Hold time	20 min
Daylight threshold	Disable
Stand-by period	0 s
Stand-by dimming level	10 %

- ⚠ RF interference may affect the operation of this sensor.