



# LED LINEAR HIGH BAY with Q-BASE WHB5A

*The best solution  
for warehouse lighting*



PRODUCT PRESENTATION | 2023

[WWW.ASD-LIGHTING.COM](http://WWW.ASD-LIGHTING.COM)



# LED LINEAR HIGH BAY with Q-BASE WHB5A

## APPLICATION

Q-BASE LED LINEAR HIGH BAY is the perfect commercial or industrial solution for warehouses, supermarkets, retail stores, gyms, garages, general task areas, and many other applications. This fixture is also rated for Damp Location.

## ENERGY SAVINGS & EFFICIENCY

This fixture will save you a significant amount of money in its lifetime by providing high lumen output with low energy consumption.

## CERTIFICATION & WARRANTY

ASD provides 5-year warranty along with UL and DLC Premium certifications to guarantee top quality products and safety, also allowing participation in rebates.



*The best solution  
for warehouse lighting*

# LED LINEAR HIGH BAY with Q-BASE WHB5A

Q-BASE LED LINEAR HIGH BAY has a built-in Motion Sensor base, allowing you to install the Microwave or PIR Sensor.

Die-cast aluminum housing with excellent heat dissipation along with an anti-glare PC lens provide many years of use. It is designed to operate on 120-277V circuits with a 0-10V dimmable driver.

This fixture is also CCT selectable, allowing you to set it to either 3,500K, 4,000K, or 5,000K with a simple switch. It is also power adjustable, allowing you to adjust light output with a simple switch.



## MICROWAVE & INFRARED MOTION SENSOR

The field-installed Motion Sensor is easy to install directly into the fixture's Q-BASE, ensures higher energy savings and provides increased light control.

Two different Motion Sensors are available for different site environments.

## BUILT-IN BATTERY BACK-UP MODELS

Q-BASE LED Linear High Bay with Built-in Battery Back-Up ensures 90 minutes of power in case of emergency.

The indicator light allows you to see whether it is in back-up mode or AC mode. Also it has a self-checking function.

## BATTERY BACK-UP KIT

Battery Back-Up Kit ensures 90 minutes of power in case of emergency and is also equipped with an automatic self-checking option. The indicator light allows you to see whether it is in back-up mode or AC mode.



## DRIVER

Energy-efficient dimmable LED driver provides stable light output with economic power consumption

## HOUSING

Durable die-cast aluminum housing protects the fixture from mechanical damage

## LED LENS

Highly efficient LEDs provide high lumen output

## PC LENS

Frosted PC lens is impact-resistant, extremely tough, and provides smooth light distribution with no glare

## MS BASE

Quick-connect Motion sensor base is designed for fast and simple motion sensor installation with no wiring needed

# LED LINEAR HIGH BAY with Q-BASE WHB5A

## WHB5A

Power Adjustable & Color Selectable

Q-BASE LED LINEAR HIGH BAY has a built-in Motion Sensor base, allowing you to install the Microwave or PIR Sensor. Die-cast aluminum housing with excellent heat dissipation along with an anti-glare PC lens provide many years of use.

It is also power adjustable, allowing you to adjust light output with a simple switch.



**PRODUCT SIZES**

14", 20", 40"



**POWER ADJUSTABLE**

100-80-60W  
160-130-100W  
220-160-130W  
320-260-220W  
500-400-320W



**COLOR SELECTABLE**

3500K, 4000K, 5000K



**BUILT-IN MOTION SENSOR BASE**



**DIE-CAST ALUMINUM HOUSING WITH EXCELLENT HEAT DISSIPATION**

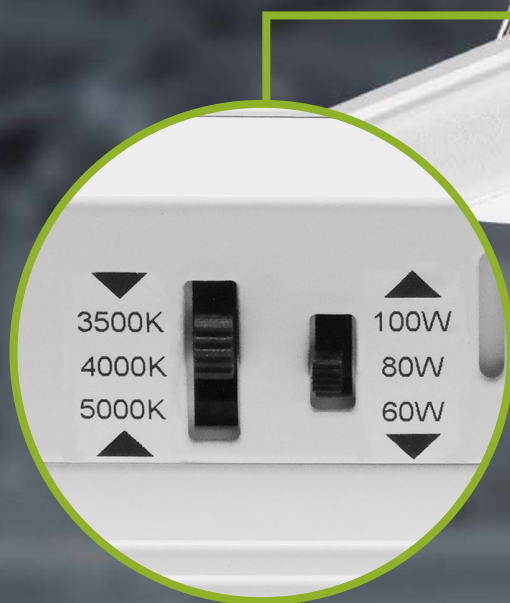
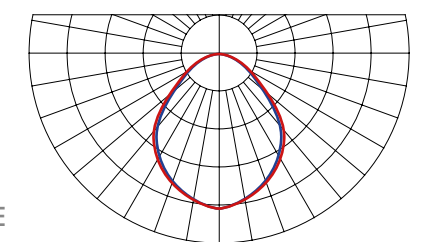


**SURGE PROTECTION AGAINST VOLTAGE SPIKES AND CURRENT SURGES**



**COLOR AND POWER SELECTABLE**

luminous intensity distribution diagram



**PIR MOTION SENSOR**  
HD09VR-PH



**MICROWAVE MOTION SENSOR**  
HD09VR-MH



**REMOTE CONTROL**  
for Motion Sensor  
HD05R

# LED LINEAR HIGH BAY with Q-BASE WHB5A

## WHB5A-EM with Battery Back-Up

Q-BASE LED LINEAR HIGH BAY with Built-in Battery Back-Up ensures 90 minutes of power in case of emergency.

The indicator light allows you to see whether it is in back-up mode or AC mode. Also it has a self-checking function.



**PRODUCT SIZES**

14", 20"



**POWER ADJUSTABLE**

160-130-100W  
220-160-130W



**COLOR SELECTABLE**

3500K, 4000K, 5000K



**BUILT-IN MOTION SENSOR BASE**



**DIE-CAST ALUMINUM HOUSING WITH EXCELLENT HEAT DISSIPATION**

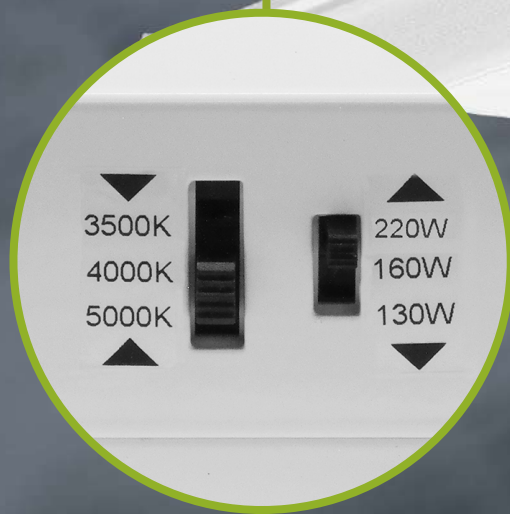
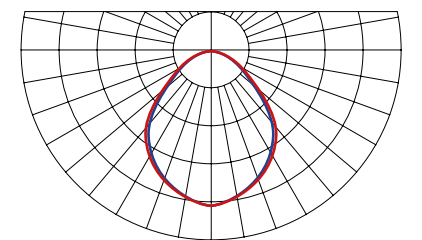


**ANTI-GLARE PC LENS WITH EVEN LIGHT DISTRIBUTION**



**SURGE PROTECTION AGAINST VOLTAGE SPIKES AND CURRENT SURGES**

luminous intensity distribution diagram



**PIR MOTION SENSOR**  
HD09VR-PH



**MICROWAVE MOTION SENSOR**  
HD09VR-MH



**REMOTE CONTROL**  
for Motion Sensor  
HD05R



# Q-BASE MOTION SENSOR



MOTION SENSOR HEIGHT 49.21ft MAX



DAYLIGHT HARVESTING



## Microwave Motion Sensor

HD09VR-MH

Microwave Sensors are used in places not tightly packed with metal structures and also where the ambient temperature is close to the temperature of the human body.

Moving objects or people will trigger the sensor.



## PIR Motion Sensor

HD09VR-PH

PIR Sensors can be used in places densely packed with metal structures. The sensor is less sensitive when there is not much difference between the human body and the environment temperature.

The movement of heat or warmth will trigger the sensor (humans, animals, etc.), while the movement of inanimate objects will not (such as movement caused by machines or wind).



**REMOTE CONTROL**  
HD05R for both models  
(sold separately)

The field-installed Motion Sensor is easy to install directly into the fixture's Q-BASE, ensuring higher energy savings and increased light control. Installation is as easy as just screwing it into the Q-BASE. No wiring necessary.

Both Microwave and PIR Motion Sensors are available for different site environments for all ASD Q-BASE products.

### ■ SETTINGS

Detection Range (max 15m)	25%, 50%, 75%, 100%
Hold Time	5s, 30s, 1min, 3min, 5min, 10min, 20min, 30min
Daylight Threshold	Disable, 2lux, 10lux, 30lux, 50lux, 80lux, 120lux
Stand-by Dim Level	10%, 20%, 30%, 50%
Stand-by Time	0s, 10s, 30s, 1min, 5min, 10min, 30min, 60min+

### ■ APPLICATION



WHB5A



UHB3



CAN07A

# REMOTE CONTROL

## HD05R

for PIR and MW  
Motion Sensors

**DETECTION RANGE**  
sensitivity of Motion Sensor



**STAND-BY TIME**  
time the fixture remains at reduced  
brightness before turning off



**HOLD TIME**  
time the fixture will remain at full  
brightness after motion is detected



**STAND-BY DIM LEVEL**  
light output level in stand-by mode



**DAYLIGHT THRESHOLD**  
the ambient light level that the fixture  
is set to turn on or off



One remote can control both types of Motion Sensor, in addition to giving you access to lighting and brightness settings, expanding the capabilities of the fixture.



**Scene**  
**SCENE**  
shows current settings  
saved in remote

**Start**  
**START**  
press this to begin scene setup

**Memory**  
**MEMORY**  
saves the scene settings

**Apply**  
**APPLY**  
applies current scene settings  
to the fixture

Both models have a built-in daylight sensor that automatically turns the fixture on and off depending on the ambient light level.





## BATTERY BACK-UP KIT

BACK-UP BATTERY KIT ensures 90 minutes of power in case of emergency. The emergency kit is also equipped with an automatic self-checking option.

Installation is quick and easy, the battery is secured to the top of the device and connected using pre-installed connectors.



MORE THAN 4700lm  
IN EMERGENCY MODE FOR 90min



AUTOMATIC  
SELF-CHECKING OPTION



THE INDICATOR ALLOWS YOU TO  
SEE BACK-UP MODE OR AC MODE



OVERCHARGE AND  
OVER-DISCHARGE PROTECTION



ASD-EMK20W-WHB5A for WHB5A 100 - 160W  
ASD-EMK30W-WHB5A for WHB5A 220 - 500W



# MOUNTING BRACKETS & WIRE GUARD

This fixture has three different mounting options: suspended, surface and pendant. It can easily be suspended using the included chains and V-hook. Surface and pendant mount brackets are also available (sold separately).

The WIRE GUARD is durable and helps you to protect the lenses and lighting board in case of mechanical failure or other kinds of impact that may cause damage.



**SUSPENDED MOUNT KIT**

Included



**SURFACE MOUNT BRACKET**

Sold separately



**PENDANT MOUNT BRACKET**

Sold separately



**WIRE GUARD**

Sold separately



# LED LINEAR HIGH BAY with Q-BASE WHB5A

## WHB5A POWER ADJUSTABLE AND COLOR SELECTABLE



Model	Watts	Input Voltage	Dimmable	CCT	Lm	Dimensions DxH	Pcs. per Carton	Certification
ASD-WHB5A-A100DAC	60W	120-277V	0-10V	3500K/4000K/5000K	9,065lm	14-3/16" x 9-13/16" x 1-7/8"	1	UL / DLC PRM
	80W				11,753lm			
	100W				14,011lm			
ASD-WHB5A-A160DAC	100W	120-277V	0-10V	3500K/4000K/5000K	15,647lm	14-3/16" x 9-13/16" x 1-7/8"	1	UL / DLC PRM
	130W				19,441lm			
	160W				23,258lm			
ASD-WHB5A-A220DAC	130W	120-277V	0-10V	3500K/4000K/5000K	20,066lm	19-11/16" x 11-13/16" x 2-1/8"	1	UL / DLC PRM
	160W				22,951lm			
	220W				30,734lm			
ASD-WHB5A-A320DAC	220W	120-277V	0-10V	3500K/4000K/5000K	33,400lm	39-3/8" x 11-13/16" x 2-1/8"	1	UL / DLC PRM
	260W				39,082lm			
	320W				46,135lm			
ASD-WHB5A-A500DAC	320W	120-277V	0-10V	3500K/4000K/5000K	48,783lm	39-3/8" x 11-13/16" x 2-1/8"	1	UL / DLC PRM
	400W				57,946lm			
	500W				67,311lm			

## WHB5A WITH BATTERY BACK-UP



Model	Watts	Input Voltage	Dimmable	CCT	Lm	Dimensions DxH	Pcs. per Carton	Certification
ASD-WHB5A-A160DAC-20EM	100W	120-277V	0-10V	3500K/4000K/5000K	15,414lm	14-3/16" x 9-13/16" x 2-11/16"	1	UL / DLC PRM
	130W				18,869lm			
	160W				22,284lm			
ASD-WHB5A-A220DAC-20EM	130W	120-277V	0-10V	3500K/4000K/5000K	20,066lm	19-11/16" x 11-13/16" x 2-1/8"	1	UL / DLC PRM
	160W				22,951lm			
	220W				30,734lm			

## MOTION SENSOR

ACCESSORIES					
Model	Voltage	Applicability	Dimensions LxWxH	Pcs. per Carton	
Microwave Motion Sensor	HD09VR-MH	120-277V	WHB5A 100-500W	2-1/8" x 2-1/8" x 1-5/16"	120
PIR Motion Sensor	HD09VR-PH	120-277V	WHB5A 100-500W	2-1/8" x 2-1/8" x 1-5/8"	120
Remote control for Motion Sensor	HD05R		HD09VR-MH, HD09VR-PH	5-1/2" x 2-5/16" x 7/8"	78



## BATTERY BACK-UP KIT

20W Battery Back-Up kit  
30W Battery Back-Up kit

ACCESSORIES				
Model	Watts	Applicability	Dimensions LxWxH	Pcs. per Carton
ASD-EMK20W-WHB5A	20W	WHB5A 100-160W	9-5/8" x 4-5/8" x 1-7/8"	10
ASD-EMK30W-WHB5A	30W	WHB5A 220-500W	9-5/8" x 4-5/8" x 1-7/8"	10

Battery Back-Up  
ASD-EMK20W-WHB5A  
ASD-EMK30W-WHB5A

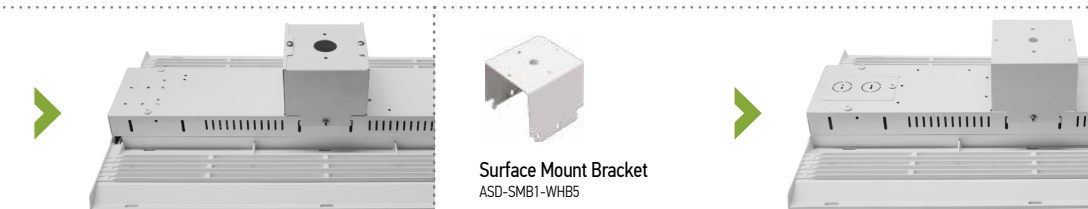


## MOUNTING BRACKET

Pendant Mounting Bracket for 100-220W  
Pendant Mounting Bracket for 320-500W  
Surface Mounting Bracket

ACCESSORIES			
Model	Applicability	Dimensions LxWxH	Pcs. per Carton
ASD-PMB1-WHB5	WHB5A 100-220W	4" x 3-11/16" x 3-1/8"	50
ASD-PMB2-WHB5	WHB5A 320-500W	4" x 3-11/16" x 3-1/8"	50
ASD-SMB1-WHB5	WHB5A 100-500W	4" x 3-11/16" x 3-1/16"	50

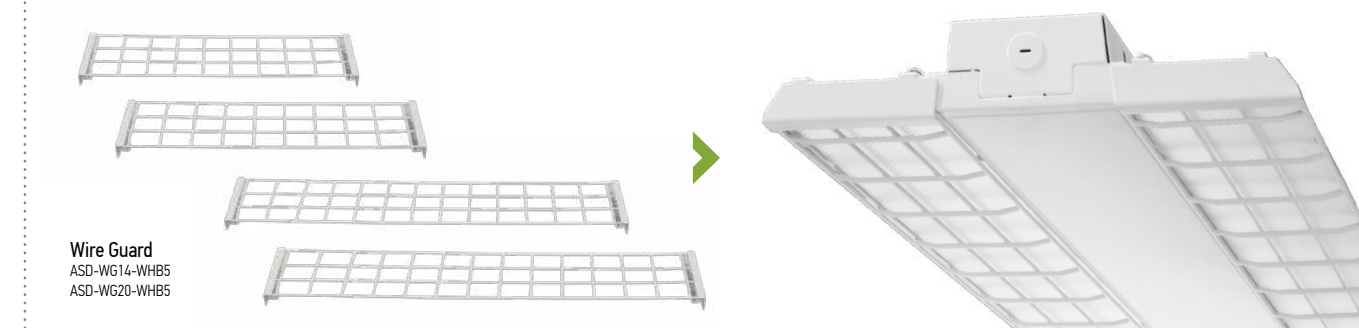
Pendant Mounting Bracket  
ASD-PMB1-WHB5  
ASD-PMB2-WHB5



## WIRE GUARD

14" Wire Guard  
20" Wire Guard

ACCESSORIES			
Model	Applicability	Dimensions LxWxH	Pcs. per Carton
ASD-WG14-WHB5	WHB5A 100-160W	14-5/16" x 3-1/4" x 1"	50
ASD-WG20-WHB5	WHB5A 220W	19-13/16" x 3-15/16" x 7/8"	50





SINCE 1999

## ASD lighting Corp



ASD Lighting Corp has become one of the leading LED lighting brands in the United States for commercial and residential applications.

### QUALITY

For the production of ASD Luminaires we carefully choose the highest quality components to ensure efficiency and longevity.



### LOGISTICS

We are constantly improving our warehouse system so that delivery and storage of ASD products is not only profitable but fast and convenient.

