

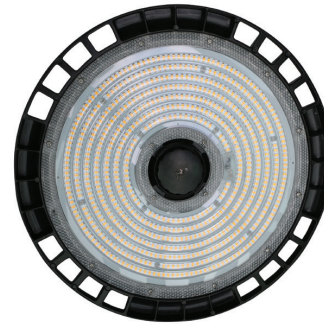
# HIGH BAY STYLE OVNI

## PQ-HBST2

The high-efficiency HBST2 lighting fixture is a versatile and eco-friendly lighting solution. It offers remarkable luminous efficiency of 180 lumens per watt. Its standout feature is its ability to adjust the light output from 80 to 240 watts and to choose from different color temperatures, including 3000K, 4000K, and 5000K, to meet specific needs. It also offers additional features such as energy autonomy, an optional microwave sensor, and a robust IP65 certification. It is suitable for various demanding environments, making it a high-performing and adaptable lighting solution.

### The ideal lighting for diverse environments

- **Exceptional Luminous Efficiency:** It provides powerful illumination while being energy-efficient, with a luminous efficiency of 180 lm/w.
- **Exclusive Design:** Its unique and modern design allows it to stand out in any environment.
- **Advanced Features:** It can be equipped with a microwave sensor for intelligent lighting management, and it offers an autonomy option.
- **Electrical Reliability:** It has a high power factor and a low harmonic distortion voltage regulator, ensuring optimal electrical performance and protection against surges up to 4 KV.
- **Certified Durability:** Its IP65 certification ensures resistance to water, dust, corrosion, and pressure, making it a suitable choice for various demanding environments.
- **Versatility:** It is suitable for a wide range of applications, from warehouses to stadiums, factories, and supermarkets.
- **Extended Warranty:** It comes with a comprehensive 5-year warranty, providing long-term peace of mind.



**In summary, the highly efficient lighting fixture combines performance, reliability, and durability to provide exceptional lighting suitable for a wide range of applications**

#### DYNAMIC MENU

- 1 PRODUCT NAMING
- 2 SYSTEM TOPOLOGY
- 3 COMPREHENSIVE TECHNICAL SPECIFICATIONS
- 4 INSTRUCTIONS FOR ORDERING WITH PREFERRED DIMENSIONS
- 5 PHOTOMETRIC ANALYSIS
- 6 POWER SOURCE MANAGEMENT IN SENSITIVE CONDITIONS
- 7 PRACTICAL MANUAL FOR OPERATING THE LIGHTING FIXTURE'S REMOTE CONTROL
- 8 MODERNIZATION AND INSTALLATION GUIDELINES

#### CERTIFICATIONS



#### HIGH BAY STYLE OVNI

MODEL	Color Temperature (CCT)	Power (W)	Luminous Flux (Lm)	Lighting Fixture Dimensions (mm)	Input Voltage (V)
PQ-HBST2	031K = 3000K	80 / 100 / 120 / 150	14400 / 18000 / 21600 / 27000	310*108	120 = 100-277 AC (Standard) 347 = 347-480 AC Optional
	041K = 4000K	100 / 150 / 200 / 240	32400 / 36000 / 39600 / 43200	310*108	
	051K = 5000K				

# HIGH BAY STYLE OVNI

## PQ-HBST2

### THE HBST2 LIGHTING FIXTURE IN DEPTH

User-friendly interaction is at the heart of the experience provided by HBST2, which can be easily controlled with a remote, making lighting usage easier than ever.

With the HBST2 lighting fixture, you can adjust the power and voltage to your preferences, giving you complete and customized control over your lighting.



The technology involves the use of optical lenses to direct the light emitted by a light source in three distinct directions:

60° for targeted and precise lighting, 90° for uniform distribution within spaces, and 120° to cover large commercial or industrial areas.

With these interchangeable lenses, lighting can be efficiently tailored to the specific needs of each environment while optimizing energy usage.

Dive into an entirely new lighting experience and discover how the HBST2 lighting fixture has the power to completely transform the ambiance of your space.

With its innovative and cutting-edge design, the HBST2 lighting fixture stands out by incorporating microwave sensors and achieving an exceptional luminous efficiency of 180 Lm/W, paving the way for a total revolution in your lighting perception.

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## PQ-HBST2

### ELECTRICAL CHARACTERISTICS

Power (W)	80 - 100 - 120 - 150	180 - 200 - 220 - 240
Input Voltage (V)	120-347 AC	
Frequency (Hz)	50-60	
Power Factor	> 0,90	
Electrical Class	Class I	
Current Inrush Duration (ms)	0.5	
Dimmable Driver (V)	0-10	
Standby Mode (W)	1,5	

### OPTICAL CHARACTERISTICS

Luminous Flux (Lm)	14400 / 18000 / 21600 / 27000	32400 / 36000 / 39600 / 43200
Initial Lighting Fixture Efficacy (Lm/w)	180	
Light Source	SMD 2835	
Color Temperature (K)	3000K / 4000K / 5000K	
Color Rendering Index - CRI	>70	
Ra	70 / 80 / 90	
Optics	60°, 90° and 120°	

### CONSTRUCTION / LIGHTING FIXTURE

Housing Material	Aluminum Alloy
Optics 50°	Circular Lens
Optical Coverage 120°	
Power Cable	1.52
Installation Orientation	Suspendue
Protection (KV)	0.4

### ENVIRONMENTAL

Operating Temperature (°C)	-30 to +45
Storage Temperature	-40°C to +85°C
IP Rating	IP65
IK Rating	IK10
Application Deployment	Warehouse

### CERTIFICATIONS

Certifications	CE, cETL, DLC, RoHs
Quality Assurance	ISO 9001

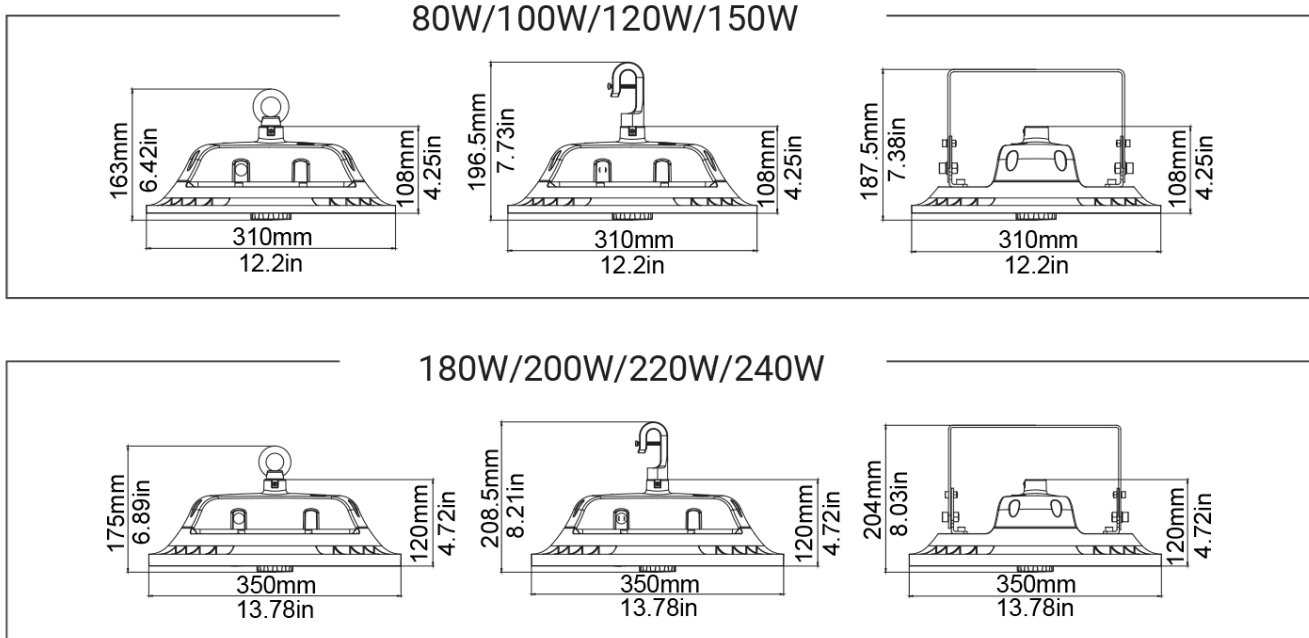
### WARRANTY / LIFESPAN

Warranty	5 years
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## PQ-HBST2

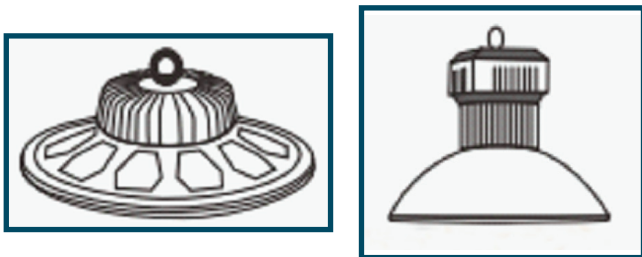
### DIMENSIONS



### GUIDE TO PLACE AN ORDER

Catalog Number as an Example: PQ-HBST2-051K240TW-UNIV-30D-D

SERIES	Color Temperature (CCT)	Power (W)	Input Voltage (V)	Options
PQ-HBST2	031K = 3000K	80	UNIV = 100-347 AC	On Surface or Suspended
	041K = 4000K	100		
	051K = 5000K	120		
		160		
		200		
		240		



If you have customized technology needs or specific services requirements, we strongly recommend contacting Power-Q's experts

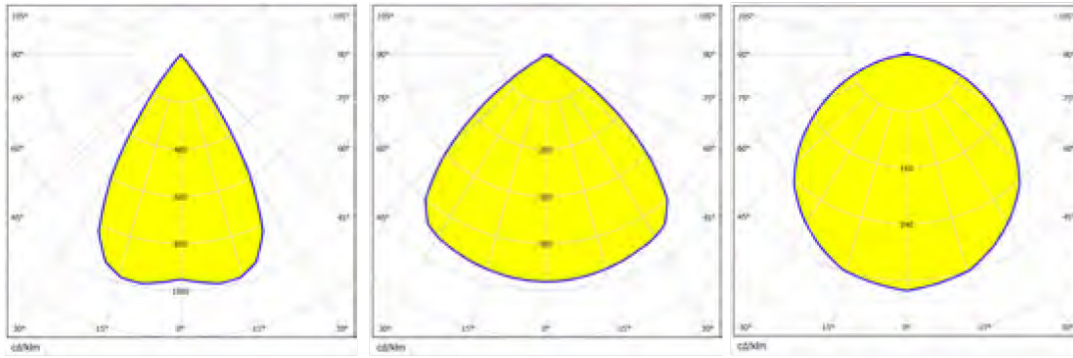
**EMAIL:** [info@power-q.ca](mailto:info@power-q.ca)

**PHONE:** 514 667-6810

# HIGH BAY STYLE OVNI

PQ-HBST2

## PHOTOMETRY

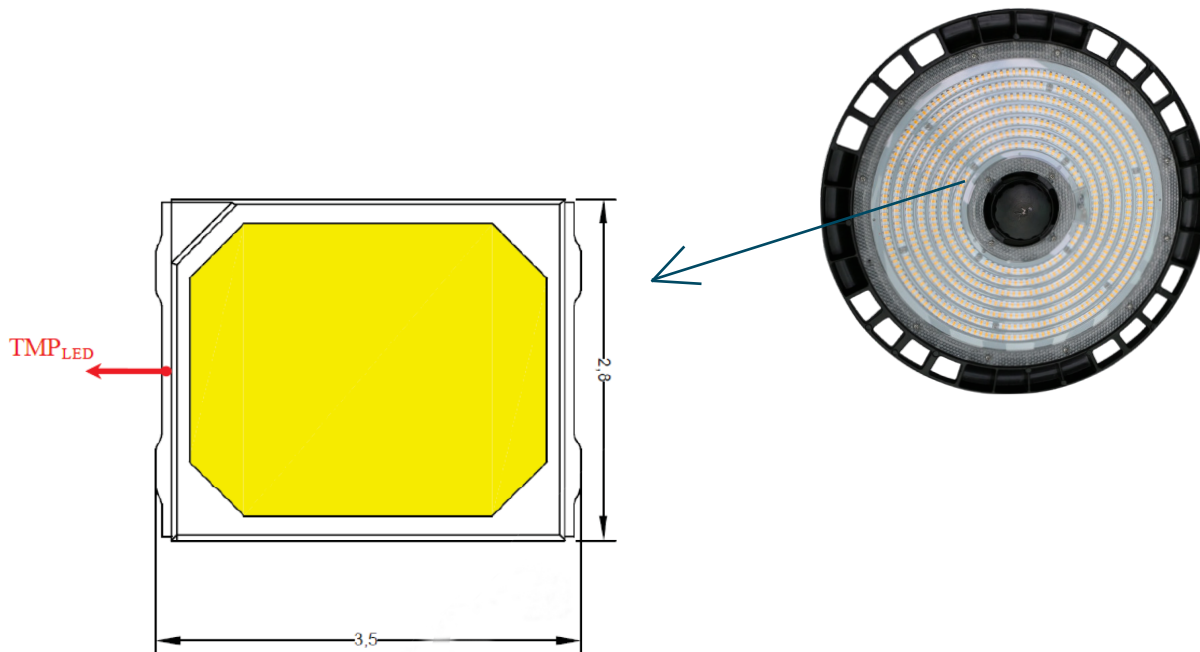


60°

90°

120°

## LIGHT EMITTING DIODE



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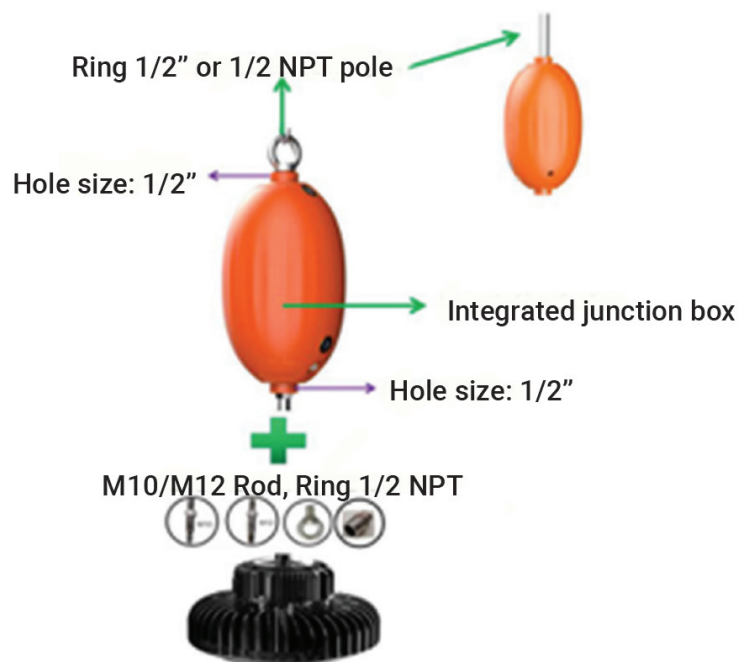
## EMERGENCY BATTERY



This lithium-ion battery, with a 90-minute autonomy, has several key features

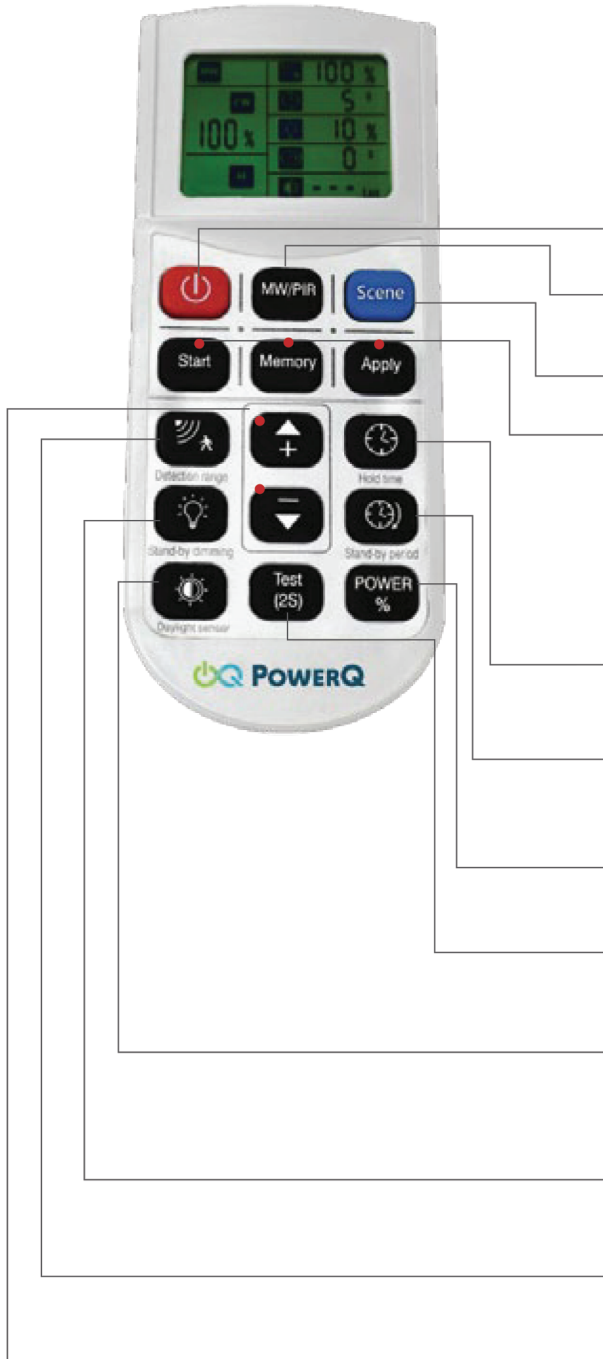
- ▶ It offers easy installation by connecting directly to the LED High Bay's AC input.
- ▶ It comes with an integrated junction box, eliminating the need for additional components.
- ▶ Its compatibility with various sensors (120-277V/347VAC or 12V DC) makes it highly versatile.
- ▶ It maintains a stable power output, ensuring consistent brightness.
- ▶ It can be installed on-site or in the factory, offering great installation flexibility.
- ▶ It provides multiple mounting options, such as chain or tube mounting.
- ▶ Its operating temperature range extends from 0°C to +50°C (32°F to 122°F).
- ▶ It incorporates protections to prevent overheating, overloading, over-discharge, and short circuits.

**This lithium-ion battery serves as a reliable and versatile power source for LED High Bay fixtures, providing easy installation and advanced features to ensure stable brightness.**



# HIGH BAY STYLE OVNI

PQ-HBST2



**ON/OFF**

To activate or deactivate the lighting of the HBST2 lighting fixture.

**MW/PIR**

To switch between the microwave sensor function and the PIR sensor function.

**SCENE**

To switch between scene settings by disabling the daylight threshold.

**START**

Press to select settings or hold for 10 seconds to activate the reset function.

**CONFIGURATION MEMORY**

Stores the settings.

**APPLY**

Applies the settings and instantly transfers them to other sensors.

 **HOLD TIME**

It determines the duration for which the lighting remains at 100% brightness after moving objects have left the detection area.

 **STANDBY PERIOD**

It sets the delay during which the lighting remains at a low-intensity level before turning off completely.

**POWER %**

It gradually increases the output power from 0% to 100% in increments of 5% at each step.

**TEST (2 S)**

The sensor activates its test mode, with a hold time of only 2 seconds.

 **DAYLIGHT THRESHOLD**

The lighting fixture automatically turn on when the ambient brightness is below the specified level. When the sensor is disabled, it activates the lights regardless of the ambient brightness.

 **DETECTION AREA**

The sensor sensitivity is maximum when motion occurs throughout the entire detection area.

 **STANDBY DIMMING LEVEL**

Set the low-level output in standby mode.

  You can move the settings up and down using the arrows.

# HIGH BAY STYLE OVNI

PQ-HBST2

## Brilliant Illumination: Explore Successful Projects with Power-Q's HBST2 Lighting Fixture



### HIGH BAY LIGHTING FIXTURE

The HBST2 solutions, incorporating LED technology, open up promising horizons in terms of high-intensity lighting. They are specially designed to meet the lighting requirements of high-ceiling spaces and large-scale environments. You have the opportunity to choose from HBST2 models that offer high brightness, with variations ranging from 14,400 to 43,200 lumens thanks to LED technology. This transition allows you to efficiently upgrade your current lighting fixtures to high-performance LED solutions. Additionally, you have the flexibility to customize light intensity levels by exploring various alternative options available.

