

## JRHB-ES & JRHB-ES-PS SERIES ROUND HIGH BAY LIGHT

### PRODUCT DESCRIPTION

Jademar's JRHB-ES Round High Bay Light series has many suitable application places - warehouses, manufacturing facilities, convention centers, cold storage facilities and many others.

It can be easily installed and maintained thanks to its simplicity. In addition, corrosive resistant polyester powder coat finish will save light's body from the influence of excess humidity and time.

### STANDARD FEATURES

#### Construction and Materials

- Heavy die-cast Aluminum Alloy housing
- Black or White Housing options
- Corrosion and rust proof
- Easy installation and maintenance

#### Optical System

- High Lumen Lumileds LED Chip
- High transparency
- PC Cover
- 120° Beam Angle Standard

#### Electrical System

- Input Power Static: 150W, 200W
- Primary Selectable Input Power: 150W (150W/100W), 240W (240W/200W)
- Input Voltage: 120-277VAC Standard, 277-480VAC Optional
- CCT: 5000K
- Efficacy: 140 lm/W
- Power Factor: >0.9
- CRI: >72
- Driver Efficacy: 90%
- Operating Temp: -4°F to 113°F (-20°C to 45°C)

#### Dimming and Controls

- 0-10V Dimming Standard
- Occupancy Sensor options

#### Mounting

- Suspended mounting with special hook

#### Certifications and Compliance

- FCC Listed

#### Warranty

- 5 Years Limited

### OPTIONAL FEATURES

- Microwave Bi-Level Motion Sensor
- Emergency Battery Backup Option

### APPLICATIONS

- Warehouses
- Manufacturing facilities
- Convention Centers
- Sporting arenas
- Big-box retail stores
- Cold storage facilities
- Gymnasiums



Power Switchable  
Motion sensor receptacle port

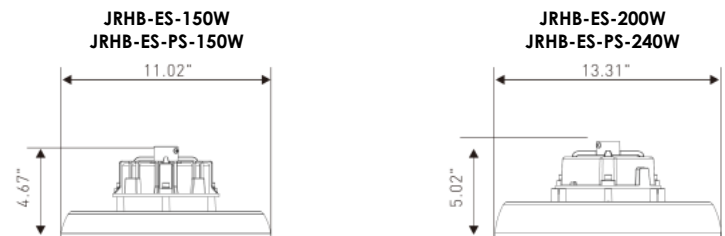
### PERFORMANCE SUMMARY

<b>Dimensions</b>	JRHB-ES-150W & JRHB-ES-PS-150W: 11.02" x 4.67" JRHB-ES-200W & JRHB-ES-PS-240W: 13.31" x 5.02"
<b>Input Power</b>	Static: 150W / 200W Selectable: 150W (150W/100W) / 240W (240W/200W)
<b>Input Voltage</b>	120-277VAC or 277-480VAC
<b>Efficacy</b>	140 lm/W
<b>CRI</b>	>72
<b>CCT Options</b>	5000K
<b>Power Factor</b>	>0.9
<b>Ambient Working Temp</b>	-4°F to 113°F (-20°C to 45°C)
<b>Beam Angle</b>	120°
<b>Certifications &amp; Compliance</b>	FCC, cULus
<b>Limited Warranty</b>	5 Years

### CERTIFICATIONS & COMPLIANCE



### DIMENSIONS



## SPECIFICATION SUBMITTAL DETAIL

<b>Project Name/Type:</b>		<b>Date:</b>
<b>Catalog/Part #:</b>		

### JRHB-ES ROUND HIGH BAY SERIES

ORDERING INFORMATION / EXAMPLE: **JRHB-ES-PS-150W-50K-BK-BMWO**

Product Series	Wattage	CCT	CRI	Input Voltage	Dimming	Finish	Mounting	Controls Options	Other Options
JRHB-ES	150W 200W	50K (5000K)	Blank (>72 CRI) Standard	Blank (120-277V) Standard	Blank (0-10V Dimming) Standard	BK (Black) Std	Blank (Chain/Eyehook Mount)	BMWO (Bi-Level Microwave Occ. Sensor 120-277VAC)	<b>Blank</b> (5' Power Cord) Standard <b>PWC6-BK</b> (6' Black Power Cord) <b>PWC12-BK</b> (12' Black Power Cord) <b>NP3</b> (3-Pin 277VAC Nema power plug) <b>NP5-15A</b> (125V, 2 pole, 3 wire grounding, 15A) <b>NP6-15A</b> (250V, 2 pole, 3 wire grounding, 15A) <b>NP7-15A</b> (277V, 2 pole, 3 wire grounding, 15A) <b>NP8-15A</b> (480V, 2 pole, 3 wire grounding, 15A) <b>NP16-20A</b> (480V, 3 pole, 4 wire grounding 20A)
JRHB-ES-PS	150W (150W/100W) 240W (240W/200W)			H (277-480V)		WH (White)* <i>*Special Order</i>			

### FIELD INSTALLED OPTIONS

<b>BMWO-RC</b>	Hand held sensor remote programmer for BMWO
<b>NPTC3/4-1/2</b>	NPT Converter/Reducer from 3/4" to 1/2"
<b>JEMBBU-25W</b>	External Field Installed Li-on EM Pack (25W) w/Wireless Remote Test Option
<b>JEMBBU-40W</b>	External Field Installed Li-on EM Pack (40W) w/Wireless Remote Test Option
<b>JEMBBU-RC</b>	External Field Installed Li-on EM Pack (40W) w/Wireless Remote Test Option



**BMWO-RC  
Remote Control**



**External EM Pack**

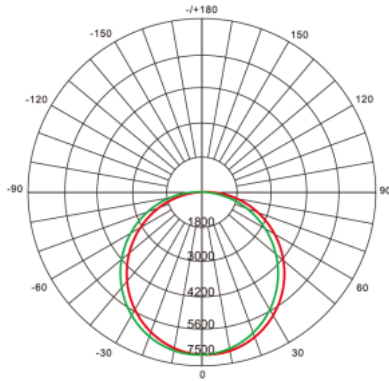
### PERFORMANCE & ELECTRICAL DATA TABLE

Model Number	JRHB-ES-PS-100W	JRHB-ES-150W	JRHB-ES-200W	JRHB-ES-PS-240W
		JRHB-ES-PS-150W	JRHB-ES-PS-200W	
<b>Input Power</b>	100W	150W	200W	240W
<b>Efficacy (lm/W)</b>	140	140	140	140
<b>Initial Lumens @5000K (lm)</b>	14,000	21,000	28,000	33,600
<b>CCT Options</b>	5000K			
<b>Dimensions (Ø x H)</b>	11.02" x 4.67"		13.31" x 5.02"	
<b>Input Voltage</b>	120-277VAC Standard / 277-480VAC			
<b>CRI</b>	>72			
<b>Power Factor</b>	>0.90			
<b>Light Angle</b>	120°			
<b>Certifications &amp; Compliance</b>	FCC, RoHS			
<b>Standard Controls Specification</b>	0-10V Dimming Standard Options: Bi-level Microwave Occupancy Sensor			
<b>Construction</b>	Heavy die-cast Aluminum Alloy housing			
<b>Working Temp</b>	-4°F to 113°F (-20°C to 45°C)			
<b>Limited Warranty</b>	5 Yrs			



### PHOTOMETRIC DATA

**JRHB-ES-PS-100W-277V-50K**

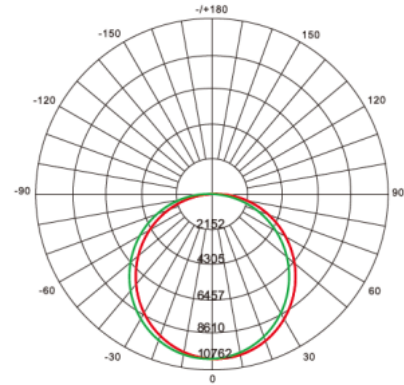


AVERAGE BEAM ANGLE(50%): 108°

UNIT:CD  
 Lumens:14000LM  
 Test Number:100W  
 Test Number:5000K

- C0/180,113.7
- C30/210,100.1
- C60/240,108.6
- C90/270,130.9

**JRHB-ES-150W-277V-50K  
JRHB-ES-PS-150W-277V-50K**

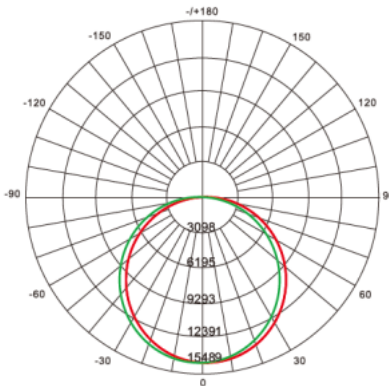


AVERAGE BEAM ANGLE(50%): 108°

UNIT:CD  
 Lumens:21000LM  
 Test Number:150W  
 Test Number:5000K

- C0/180,113.7
- C30/210,100.1
- C60/240,108.6
- C90/270,130.9

**JRHB-ES-200W-277V-50K  
JRHB-ES-PS-200W-277V-50K**

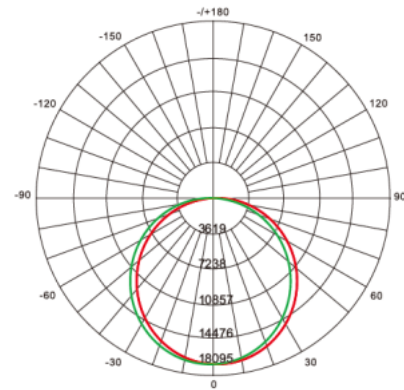


AVERAGE BEAM ANGLE(50%): 108°

UNIT:CD  
 Lumens:18000LM  
 Test Number:200W  
 Test Number:5000K

- C0/180,113.7
- C30/210,100.1
- C60/240,108.6
- C90/270,130.9

**JRHB-ES-PS-240W-277V-50K**



AVERAGE BEAM ANGLE(50%): 108°

UNIT:CD  
 Lumens:33600LM  
 Test Number:240W  
 Test Number:5000K

- C0/180,113.7
- C30/210,100.1
- C60/240,108.6
- C90/270,130.9

