

## JRHBS SERIES

### HIGH OUTPUT & HIGH AMBIENT ROUND HIGH BAY

#### PRODUCT DESCRIPTION

The Jademar JRHBS Round High-Bay luminaire is designed to deliver high efficacy, high lumen packages and precise optical control to illuminate the most challenging applications. Standard LED Technology offers the solution to enhance products at all levels of commercial and industrial uses requiring the best option in color.

The JRHBS High Efficacy High-Bay luminaire offers several industry standard mounting options allowing the product to be positioned for upgrade opportunities or new installations in a wide range of industrial applications.

#### FEATURES

- Housing: Symmetrical design for consistent installed results. A large number of heat sinks for maximum heat dissipation. Combined with sensor detect added into the system, more energy would be saved and pretty less maintenance than HID technology.
- Condenser Lens is both high temperature resistant and aesthetically pleasing to achieve maximum output luminous ux.
- Efficiency higher than 160lm/W, designed to replace 1000W HID while consumes 350W / 410 only.
- Open the drive compartment cover from below to facilitate inspection and assembly.
- 120 degree lens guarantees light intensity and light uniformity.
- Mounting: Suitable for Hook or 3/4" Conduit pendant. Hook (default included) or Conduit pendant way for different applications.
- Optional motion sensor can be offered for maximizing energy savings.
- Optional adjustment dial allows the fixture to meet higher ambient temperature requirements.
- Operating temperature is -40°C to 65°C (-40°F to 149°F).
- Resistant to shock and vibration.
- UL/cUL IP66 wet location and DLC qualified.
- AkzoNobel Powder Coated Aluminum Cast Profile
- Corrosion Resistant with 168 Hours of Salt Spray Testing per ASTM- B117-73 standards
- The JRHBS High bay comes with standard 3/4 NPT/Threaded hole.

#### CONTROLS FEATURES

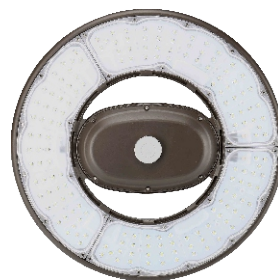
- Optional Bi-Level Microwave Occupancy Sensor
- Bluetooth® Indoor Controls Options.
- Handheld Remote Control for Sensor Programming
- EM Pack Option 15W/20W
- Power cord length options: 6' & 12' Available
- 6kV Surge Protector Built Into Driver



Metal J-Box

#### OPTIONAL FEATURES

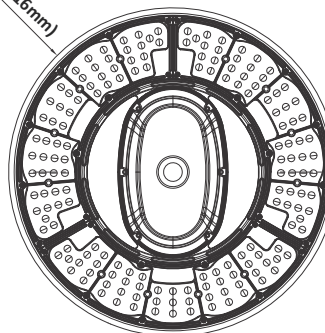
- 1/2" and 3/4" Junction Box



#### SPECIFICATIONS

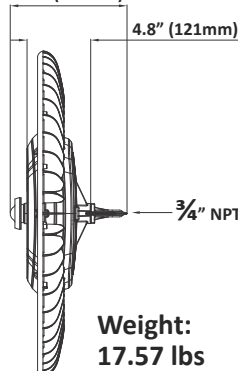
|                              |                                                                            |
|------------------------------|----------------------------------------------------------------------------|
| Primary Input Power          | 350W / 410W                                                                |
| Average Efficacy             | 161 lm/W on average                                                        |
| Input Voltage                | 120-277VAC / 347-480VAC Options                                            |
| CCT Options                  | 4000K / 5000K                                                              |
| Controls Options             | Bi-Level Microwave Occupancy Sensor and Bluetooth® Indoor Controls Options |
| CRI                          | >80 Standard / >90 Optional                                                |
| Ambient Temperature          | -40°C to 65°C (-40°F to 149°F)                                             |
| Certifications & Compliances | UL Listed / DLC Pending / IP66 / IK10                                      |
| Lifetime Based on Tm21       | L70 ≥ 174,000 Hrs / L80 ≥ 129,000 Hrs / L90 ≥ 81,000 Hrs                   |
| Limited Warranty             | 10 Years                                                                   |

24.3" (616mm)



8.7" (222mm)

4.8" (121mm)



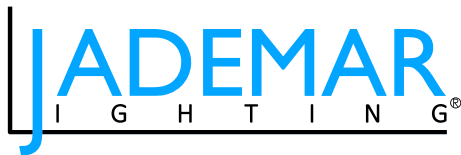
Weight:  
17.57 lbs



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## SPECIFICATION SUBMITTAL DETAIL

|                    |  |       |
|--------------------|--|-------|
| Project Name/Type: |  | Date: |
| Catalog/Part #:    |  |       |

### JRHBS SERIES LED ROUND HIGH BAY

ORDERING INFORMATION / Example: **JRHBS-350W-40K-120D-D-BK-UB-PWC12**

| JRHBS          |              |                                  |                        | 120D                       |                                                           |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|----------------|--------------|----------------------------------|------------------------|----------------------------|-----------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Product Series | Wattage      | Input Voltage                    | CCT                    | Light Distribution         | Dimming                                                   | CRI                                  | Control Options                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| JRHBS          | 350W<br>410W | Blank 100-277VAC<br>H 347-480VAC | 40K 4000K<br>50K 5000K | 120D 120° Angle (Standard) | Blank No dimming cable feed<br>DCF Dimming cable feed 6ft | Blank 80 CRI (Standard)<br>90 90 CRI | BMW Factory setting for this sensor options is:<br>50% dim, 20 minutes delay then off. For<br>different factory settings, description must<br>be noted on the order<br>BPI Factory setting for this sensor options is:<br>50% dim, 20 minutes delay then off. For<br>different factory settings, description must<br>be noted on the order<br>CB-NLC CASAMBI Bluetooth Control System<br>SR-NLC TruBlu/Silvair Bluetooth Lighting Control<br>System |  |

| Surge Protection                                                                      | Housing Colors                                                         | Other Options                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Blank No Surge Protection<br>SP10 Surge Protection 10Kv<br>SP20 Surge Protection 20Kv | BZ Bronze Finish (Standard)<br>WH White<br>BK Black<br>* Special Order | Blank 6' Power Cord (Standard)/<br>Not BABA / BAA<br>PWC12 12' Power Cord<br>NP3 3-Pin 277VAC Nema power plug<br>BABA Build America, Buy America *<br>BAA Buy American Act *<br>*Selected SKUs Only |

### FIELD INSTALLED OPTIONS

|               |                                                                                                                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------|
| JRHBS-RC      | Remote control for BMW                                                                                                |
| JEMBBU25      | External Field Installed Li-Ion EM pack 25W With wireless remote test control option. Nominal lumen 4125              |
| JEMBBU40      | External Field Installed Li-Ion EM pack 40W With wireless remote test control option. Nominal lumen 6600              |
| MJBOX-RHB-3/4 | Metal j-box with 3/4 inches conduit                                                                                   |
| MJBOX-RHB-1/2 | Metal j-box with 1/2 inches conduit                                                                                   |
| NP3           | 3 Pin 277VAC Nema power plug                                                                                          |
| SMJH-WH-AC-10 | Ceiling mount J-hook with aircraft cable 1/16" or 3/32" Cable with a single hook end. 10' Cable Length. White canopy. |
| SMJH-WH-AC-20 | Ceiling mount J-hook with aircraft cable 1/16" or 3/32" Cable with a single hook end. 20' Cable Length. White canopy. |

### SWIVEL MOUNTING OPTIONS

|                  |                                                                                                                                                                                                                 |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RSC-RM-34-18P-WH | Round 42" Swivel Canopy Set 3/4" Ip - 5" Diameter X 1-1/2" Height White 1-1/4" Center Hole With Slots with, with 18"Stem 1/2"IPS White. (.813"OD) OD x OD Threading. WH - White                                 |
| RSC-RM-12-18P-WH | Round 42" Swivel Canopy Set 1/2" Ip - 5" Diameter X 1-1/2" Height White 1-1/4" Center Hole With Slots with, with 18"Stem 1/2"IPS White. (.813"OD) OD x OD Threading. WH - White                                 |
| RC-RM-34-18P-WH  | Round Canopy - Mono Point-Not Swivel Round MAG Mount Fixed Stem 1/2"IPS Canopy Set W/ #167 Reducing Bushing for 3/4" Hubs to 1/2" IP Stems, with 18"Stem 1/2" IP White. (.813"OD) OD x OD Threading. WH - White |
| RC-RM-12-18P-WH  | Round Canopy - Mono Point-Not Swivel Round MAG Mount Fixed Stem 1/2"IPS Canopy Set W/ #167 Hubs to 1/2" IP Stems, with 18"Stem 1/2" IP White. (.813"OD) OD x OD Threading. WH - White                           |

### LUMEN PERFORMANCE AND ELECTRICAL DATA

| Model Number                 | JRHB-350W                                                              |        |          |        | JRHB-410W |        |          |        |
|------------------------------|------------------------------------------------------------------------|--------|----------|--------|-----------|--------|----------|--------|
| Nominal Wattage              | 350W                                                                   |        |          |        | 410W      |        |          |        |
| Input Voltage                | 120-277V                                                               |        | 347-480V |        | 120-277V  |        | 347-480V |        |
| Color Temperature (CCT)      | 4000K                                                                  | 5000K  | 4000K    | 5000K  | 4000K     | 5000K  | 4000K    | 5000K  |
| Lumens (lm)                  | 54,300                                                                 | 55,500 | 54,300   | 55,500 | 68,000    | 70,000 | 68,000   | 70,000 |
| Nominal Efficacy (lm/W)      | 160                                                                    | 163    | 160      | 163    | 160       | 163    | 160      | 163    |
| Ambient Working Temperature  | -40°C to 65°C (-40°F to 149°F)                                         |        |          |        |           |        |          |        |
| CRI                          | >80 / >90 Optional                                                     |        |          |        |           |        |          |        |
| Light Distribution           | 120° PC Optics Standard                                                |        |          |        |           |        |          |        |
| Certifications & Compliances | FCC / UL Listed / DLC Pending                                          |        |          |        |           |        |          |        |
| Dimming / Control Options    | Bi-level Microwave Occupancy Sensor w/ Hand-held Remote Control Option |        |          |        |           |        |          |        |
| Power Factor                 | >0.9                                                                   |        |          |        |           |        |          |        |
| THD                          | >15%                                                                   |        |          |        |           |        |          |        |
| Lifetime Based on TM21       | L70 @ 174,000Hrs / L80 @ 129,000Hrs / L90 @ 81,000Hrs                  |        |          |        |           |        |          |        |
| Housing Material             | AkzoNobel Powder Coated Aluminum Cast Profile                          |        |          |        |           |        |          |        |
| Limited Warranty             | 10 Years Limited                                                       |        |          |        |           |        |          |        |



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**PHOTOMETRY**

