

## JPRHB PREMIUM SERIES

### 1% DIMMING IP66 RATED ROUND HIGH BAY SERIES WITH BUILT-IN SENSOR RECEPTACLE & NETWORK LIGHTING CONTROLS READY

#### PRODUCT DESCRIPTION

The Jademar's JPRHB PREMIUM series can be widely used in outdoor or indoor lighting (Damp location). Excellent for museums, underground parking lot, workshop, warehouse, gymnasium and many more applications.

#### PRODUCT FEATURES AND CONSTRUCTIONS DETAILS

##### FEATURES

- LED high luminous efficiency and long working life
- High efficiency LED Driver, the wide range input voltage AC120-277V
- Die-cast aluminum cooling design, high quality and better cooling for LED Tj < 85°C
- Excellent optics design, greatly improve the light utilization and evenness

##### STRUCTURE FEATURES

- Shell materials: Aluminum & PC
- Finish: Black (Standard) / White (Optional)

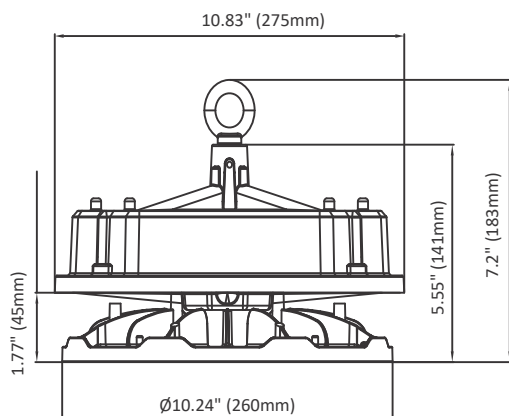
##### 1% DIMMING CURVE

- 0-10V(1% Dimming with 2 x Xitanium drivers)
- Dimming source current from the driver: 150μA (@ 0<Vdim<8V)
- Minimum dim level: 1% of out (minimum 700mA)
- Maximum output voltage on the dimming wires: 12V
- The dimming lead leakage current is 0.01mA
- The maximum number of drivers that can be connected in parallel to one dimming control circuit is based on this dimming lead leakage current and the calculation is described in the corresponding Design-in Guide

##### CERTIFICATIONS AND COMPLIANCE

- IP66 Rated
- IK10 Rated

#### DIMENSION



DMX

LUTRON®

CASAMBI SILVAIR



#### SPECIFICATIONS

|                         |                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------|
| Input Power:            | 150W                                                                                                                   |
| Efficacy:               | 150 lm/W                                                                                                               |
| CCT:                    | 5000K                                                                                                                  |
| CRI:                    | 80 (Standard) / 90 (Optional)                                                                                          |
| Input Voltage:          | 120-277VAC                                                                                                             |
| Dimming & Controls      | 1% Dimming / Bi-Level Microwave Sensor / CASAMBI Bluetooth Control System / Silvaair Bluetooth Lighting Control System |
| Lifetime Based on TM21: | 50,000 Hrs                                                                                                             |
| Warranty:               | 10 years Limited                                                                                                       |

#### LIGHT DISTRIBUTION ADJUSTABLE (TOOL-FREE)



Toggle the picks to rotate the lens



60° x 60°



90° x 90°



120° x 120°

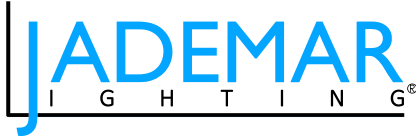


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To place an order: [orders@jademar.com](mailto:orders@jademar.com)  
Tel: (305) 640.0465 | Fax: (305) 640.0468  
[WWW.JADEMAR.COM](http://WWW.JADEMAR.COM)



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## SPECIFICATION SUBMITTAL DETAIL



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

### JPRHB PREMIUM SERIES ROUND HIGH BAY

ORDERING INFORMATION / Example: **JPRHB-150W-50K-90-BK-PWC6-1PD**

| JPRHB          | 150W           |                  | 50K       |                                         |                    |                                            |                                                |                                                                                                                                                                                                                                                                                                                                                  |
|----------------|----------------|------------------|-----------|-----------------------------------------|--------------------|--------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Series | Wattage        | Input Voltage    | CCT       | CRI                                     | Light Distribution | Housing Color                              | Wiring Options                                 | Controls and Dimming                                                                                                                                                                                                                                                                                                                             |
| JPRHB          | 150W 150 Watts | Blank 120-277VAC | 50K 5000K | Blank 80 (Standard)<br>90 90 (Optional) | Blank 60°/90°/120° | BK Black (Standard)<br>WH White (Optional) | PWC6 6 Feet (Standard)<br>PWCXX Custom length* | 1PD 1% Dimming with 2 x Xitanium drivers<br>BMWO 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 Silvalir Bluetooth Lighting Control System<br>LUT Lutron<br>DMX DMX Driver |

\* Replace XX with  
desired length

### FIELD INSTALLED OPTIONS

|               |                             |
|---------------|-----------------------------|
| JPRHB-WG-150W | Wire Guard                  |
| JPRHB-PC-150W | Polycarbonate Cover         |
| JPRHB-GS-150W | Glare Shield on lens bottom |
| JPRHB-DP-150W | Block Dust Plate            |
| JPRHB-LS-150W | Aluminum Lamp Shade         |



JPRHB-WG-150W  
Wire Guard



JPRHB-PC-150W  
Polycarbonate  
Cover



JPRHB-GS-150W  
Glare Shield on  
lens bottom



JPRHB-DP-150W  
Block Dust Plate



JPRHB-LS-150W  
Aluminum  
Lamp Shade

### ELECTRICAL & PERFORMANCE DATA TABLE

| Product Number              | JPRHB-150W                                                                                                             |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|
| Nominal watts               | 150W                                                                                                                   |
| Nominal Efficacy (lm/W)     | >150 lm/W                                                                                                              |
| Lumen Output (lm)           | 22,000                                                                                                                 |
| Input Voltage               | 120-277VAC                                                                                                             |
| CRI                         | 80 CRI (Standard) / 90 CRI (Optional)                                                                                  |
| Power Factor                | 0.95                                                                                                                   |
| CCT                         | 5000K                                                                                                                  |
| Dimming and Control Options | 1% Dimming / Bi-Level Microwave Sensor / CASAMBI Bluetooth Control System / Silvalir Bluetooth Lighting Control System |
| Beam Angle/Field Angle      | 60° / 90° / 120°                                                                                                       |
| Lifetime Based on TM21      | 50,000 Hrs                                                                                                             |
| Working Temperature         | -30°C to 45°C (-22°F to 113°F)                                                                                         |
| Storage Temperature         | -40°C to 80°C (-40°F to 176°F)                                                                                         |
| Limited Warranty            | 10 Years Limited                                                                                                       |

### MOUNTING



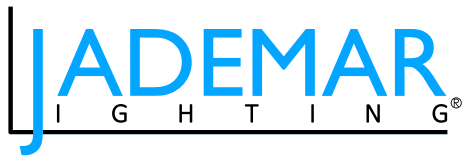
Hook Mount



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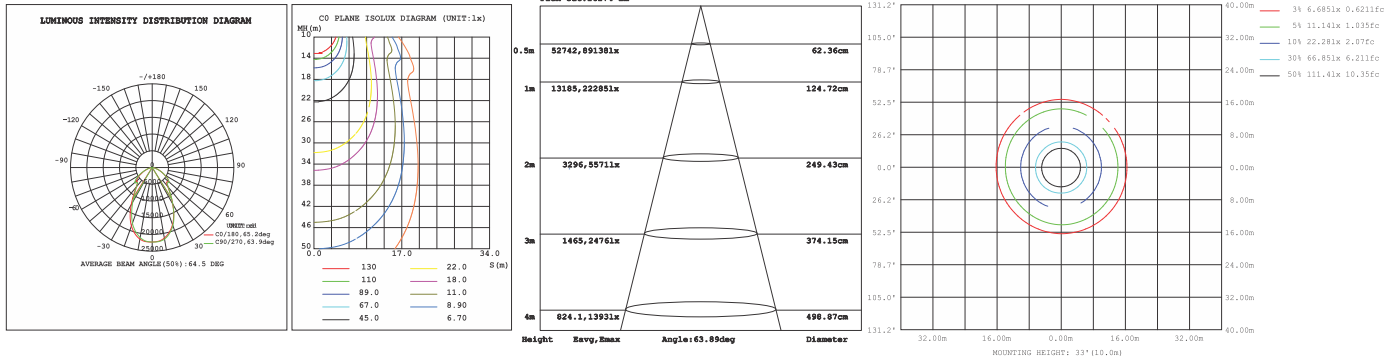


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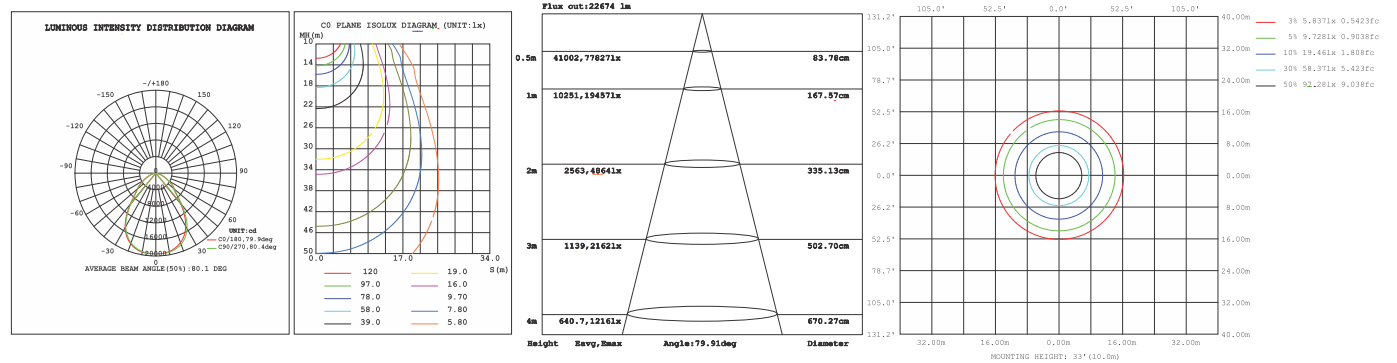
## 1% DIMMING IP66 RATED ROUND HIGH BAY SERIES WITH BUILT-IN SENSOR RECEPTACLE & NETWORK LIGHTING CONTROLS READY

### PHOTOMETRY

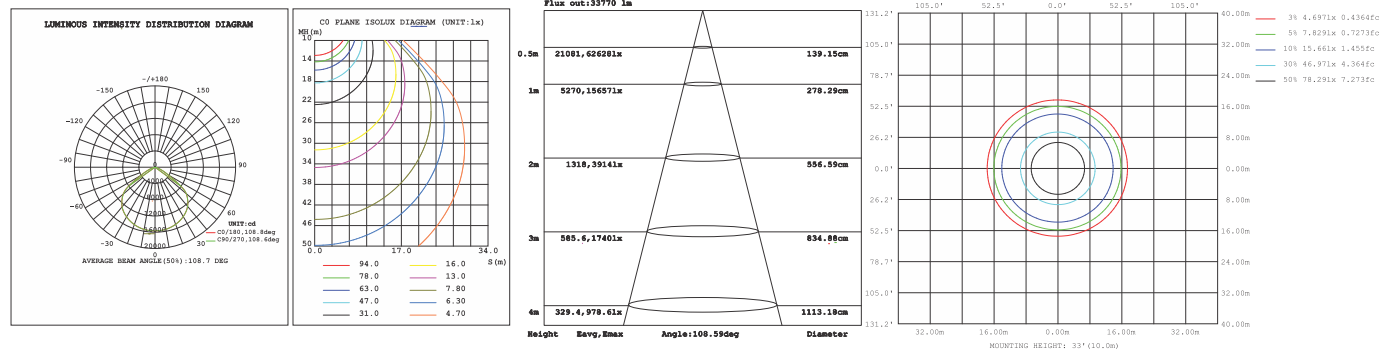
#### JPRHB-150W-5000K-60°



#### JPRHB-150W-5000K-90°



#### JPRHB-150W-5000K-120°



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