

# RHBB

## Round High Bay Luminaire



### MECHANICAL

- Aluminum alloy heatsink
- Suitable for mounting with chains or cables

### APPLICATION

- For use in indoor, non-corrosive environments
- Warehouses, factories, utility areas, gymnasiums, etc.
- 40° to 50°C ambient operating temperature

### OPTICAL

- PC Matrix lens
- Variety of beam angle lenses

### WARRANTY

- Shorter of 120 Months or 50,000 hours of operation

### ELECTRICAL

- 120-277 or 347-480 VAC, 50/60 Hz 4KV Surge Rating

### CONTROLS

- 1-10V, dim-to-off
- Optional microwave sensor kit

### CERTIFICATIONS

- UL Listed to US & Canadian UL 1598
- IP65 rated for covered outdoor use

## ORDERING GUIDE

Series	Watts (nom.)	-	CRI	Color Temp.	-	Voltage	LED Qty	-	Distribution
RHBB = LED Round High Bay Generation B	100 = 100W 150 = 150W 200 = 200W	-	8 = 80 (min)	40 = 4000K 50 = 5000K	-	UNV = 120-277V HRV = 347-480V	133 = 133 pcs 175 = 175 pcs 184 = 184 pcs 216 = 216 pcs 240 = 240 pcs	-	90 = 90° beam angle

## PERFORMANCE DATA

Model	Watts	Amps @ 120V	Amps @ 227V	Amps @ 347V	Amps @ 480V	Delivered Lumens	Lm/W	PF	THD
RHBB100-850-UNV-133-90	100	0.93	0.4	-	-	14000	140	0.9	<15%
RHBB150-850-HRV-184-90	150	-	-	0.48	0.35	21000	140	0.9	<15%
RHBB150-850-UNV-175-90	150	1.39	0.6	-	-	21000	140	0.9	<15%
RHBB200-850-HRV-240-90	200	-	-	0.64	0.46	28000	140	0.9	<15%
RHBB200-850-UNV-216-90	200	1.85	0.8	-	-	28000	140	0.9	<15%

### PERFORMANCE NOTES:

- Delivered lumens and LPW data provided for 5000K model at 25°C
- Multiply delivered lumens/LPW by .981 for 4000K
- Specifications subject to change without notice



### ACCESSORIES (Order Separately)

RHB-ACC-LS-60-L	PC dot lens 60° for RHBB 200W+	BT-IHBS-B010C	Bluetooth Highbay PIR Sensor and Controller, up to 40ft mounting
RHB-ACC-LS-120-L	PC dot lens 120° for RHBB 200W+	RHB-ACC-SK-HD06VCRH-3	Microwave sensor & controller, up to 12m height
RHB-ACC-LS-60-S	PC dot lens 60° for RHBB 100-150W	RHB-ACC-SK-HD03R	Remote Configuration Device for RHB-ACC-SK-HD06VCRH-3
RHB-ACC-LS-120-S	PC dot lens 120° for RHBB 100-150W	RHBB-ACC-STM3QBL	Stem Mount Adapter, 3/4", Black
		ELD-ECP30UVH-30	Emergency LED Driver, 30W Remote Mount w/ J-Box & Hanging Hook, 120-277V

## DESIGNLIGHTS CONSORTIUM QPL LISTED PRODUCTS

Model Number
RHBB100-840-UNV-133-90
RHBB100-850-UNV-133-90
RHBB150-840-UNV-175-90
RHBB150-850-UNV-175-90

Model Number
RHBB150-840-HRV-184-90
RHBB150-850-HRV-184-90
RHBB200-840-UNV-216-90
RHBB200-850-UNV-216-90



Model Number
RHBB200-840-HRV-240-90
RHBB200-850-HRV-240-90

## OPERATING DATA

<b>Reported Lumen Maintenance:</b>	L80 > 72,000 Hours
<b>Min. Starting Temp.:</b>	-40°C (-40°F)
<b>EMI/RFI:</b>	FCC Part 15, Class A

<b>Power Factor:</b>	>0.9
<b>THD:</b>	<15%
<b>Input Power Frequency:</b>	50/60 Hz

## DIMENSIONS

