



## PRODUCT OVERVIEW

DHB02 Circular High Bays feature a modern design and highly efficient illumination, with a rugged single-piece aluminum housing that is completely sealed against dust, moisture, and environmental contaminants. An optional center-mounted, integrated motion sensor is available for additional energy savings. Hook, pendant, or surface mounting options support simple one-for-one replacement of metal halide lighting.



## KEY FEATURES

### CONSTRUCTION:

- Rugged single-piece aluminum housing with integral heat sink fins.
- Housing is completely sealed against moisture and environmental contaminants.

### FINISH:

- The exterior is protected by a white rust-resistant polyester powder coat finish that provides superior resistance to weathering and corrosion.

### OPTICS:

- Light engines are available in standard 4000K and 5000K configurations.
- A range of lumen options available from 9,400 to 24,500 Lumens, replaces up to 400W metal halide.
- Impact and UV-resistant polycarbonate lens is precisely designed to give a specific light distribution, maximizing efficiency and application spacing.

### ELECTRICAL:

- Standard 120-277V input voltage, optional 347-480V input voltage.
- Standard 6KV surge protection, meeting the industrial ANSI standards.
- 1-10V dimming driver(s) as default.
- THD: ≤20%, Power Factor: ≥90%.

### CONTROLS:

- Optional center-mounted, integrated multi-level motion sensor - BRI823.
- Optional emergency battery backup provides up to 90 minutes of operation during outages.

### INSTALLATION:

- Pendant mount or hook mount options are available.
- Surface mounting with optional Adjustable Surface Mounting Bracket allows precise aiming of the fixture to 0°, 30°, 60°, 90°, 120°, 150°, or 180° (by special order only).

### WARRANTY:

- 5 Year Limited Warranty.

### LISTINGS:

- UL listed for wet locations.
- Rated for ambient operating temperature -40°F to 131°F (-40°C to 55°C).

## PERFORMANCE DATA

### Lumen Output

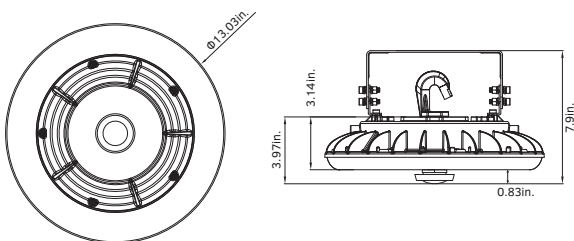
System Watts	Voltage	Photometry	4000K(70CRI)		5000K(70CRI)	
			Lumens	Efficacy	Lumens	Efficacy
67W	120-277V	General High Bay	9350lm	140lm/W	9400lm	140lm/W
97W	120-277V	General High Bay	13600lm	140lm/W	13700lm	141lm/W
100W	120-277V	General High Bay	14288lm	138lm/W	14000lm	140lm/W
140W	120-277V/347-480V	General High Bay	18900lm	135lm/W	19100lm	136lm/W
180W	120-277V/347-480V	General High Bay	23500lm	140lm/W	24500lm	136lm/W

### Electrical Data

Number of Drivers	Driver Current (mA)	Nominal Power (W)	Input Voltage (V)	Current (Amps)
1	1750	67	120	0.56
		67	208	0.32
		67	240	0.28
		67	277	0.24
1	2500	97	120	0.81
		97	208	0.47
		97	240	0.40
		97	277	0.35
2	3500	140	120	1.17
		140	208	0.67
		140	240	0.58
	3700	140	277	0.51
		140	347	0.40
		140	480	0.29
2	4540	180	120	1.50
		180	208	0.87
		180	240	0.75
		180	277	0.65
		180	347	0.52
		180	480	0.38

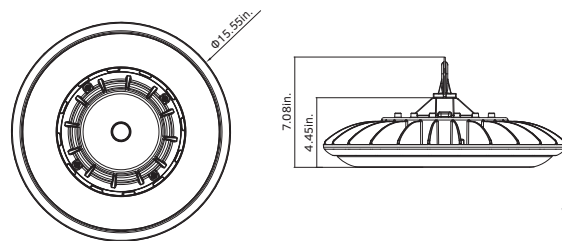
## DIMENSIONS & WEIGHT

67W/97W



Weight:  
67W: 5.71lb.  
97W: 5.92lb.

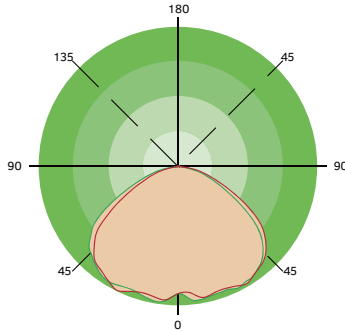
100W/140W/180W



Weight:  
100W: 8.30lb.  
140W: 9.22lb.  
180W: 9.48lb.

## LIGHT DISTRIBUTION

### General High Bay



## ORDERING INFO

Circular High Bay Series DHB02				Example: DHB02180W27V50KWM			
Fixture Type	Wattage	Voltage	CCT	Finish	Sensor (Optional)	Battery Backup (Optional)	Internal Code
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>DHB02</b>	<b>67W</b>	<b>27V</b> 120-277V	<b>40K</b> 4000K	<b>D</b> Dark Bronze	<b>M</b> With 120-277V Sensor	<b>B</b> With Battery	<b>Blank</b>
	<b>97W</b>	<b>48V</b> 347-480V	<b>50K</b> 5000K	<b>B</b> Black	<b>Blank</b> Without Sensor	<b>Blank</b> Without Battery	<b>Alphanumeric</b>
	<b>100W</b>			<b>W</b> White			
	<b>140W</b>						
	<b>180W</b>						