



SPECIFICATION SHEET

The Essential Series Round High Bay combines selectable wattage, dual CCT tuning, and adjustable beam distribution in a durable industrial-grade design. Delivering up to 160 lm/W with IP65 protection and sensor-ready functionality, it provides flexible, energy-efficient illumination for warehouses, manufacturing facilities, gymnasiums, and other large commercial spaces.



Project:

Location:

Type:

Qty:

Notes:

Ordering Guide

Catalog Number	Size	Wattage Selectable	Lumens Selectable (@40K)	CCT Selectable	Voltage	Finish
ES-DHB-B1-H1-BK	Standard Output	80/100/120W	12470/15590/18700 lm	40/50K	120-277V	Black
ES-DHB-B4-H2-BK	High Output	150/200/240W	22780/30370/36440 lm	40/50K	120-277V	Black

Product Highlights

Features

- Field-selectable wattage and dual CCT.
- Selectable 60° or 90° beam distribution.
- High-efficacy LED performance up to 160 lm/W.
- Sensor-ready for occupancy controls.
- Durable die-cast aluminum construction.

Electrical

- Seamless 0-10V dimming.
- 120-277V universal voltage standard.
- Power factor ≥ 0.9 .
- THD $\leq 20\%$.
- 6kV surge protection.

Certifications

- DLC Premium listed.
- UL/cUL listed.
- IP65 wet-location rated.
- Long-life LED performance rated up to 50,000 hours.
- Backed by a 5-Year warranty.

Specifications

Optical

CCT Selectable	Efficacy (LPW)	CRI	Selectable Beam Angle
40/50K	≤ 160	> 80	60° / 90°

Electrical

Input Voltage	Input Frequency	Dimming Type	Power Factor	Max THD
120-277V	50/60 Hz	0-10V	≥ 0.9	$\leq 20\%$

Mechanical

Housing Material	Lens/Diffuser	Finish	Mounting Options
Die-Cast Aluminum	Polycarbonate Lens	Black	Suspension, Pendant, Surface

Performance

Operating Temperature	Location Rating	Rated Life	Warranty	Driver Efficacy
-4°F to 122°F (-20°C to 50°C)	Wet	120,000 Hours (L70)	5-Year	$\geq 90\%$

Compatible Accessories

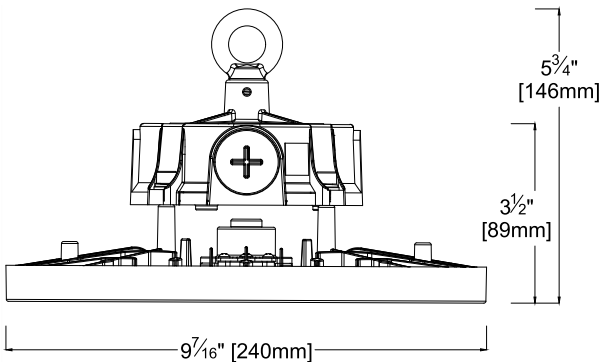
Accessory	120W	240W
Surface Mount Bracket	ACC-DHB-SMB-100	ACC-DHB-SMB-100
Wire Guard	ACC-DHB-WG-120	ACC-DHB-WG-240
PIR Sensor	SN-PIR-HB02DPR	SN-PIR-HB02DPR
Microwave Sensor	SN-MW-HB01DMS	SN-MW-HB01DMS
Sensor Remote	SN-REM-HB03R	SN-REM-HB03R
EM Driver*	EB-30-RM30X1	EB-30-RM30X1



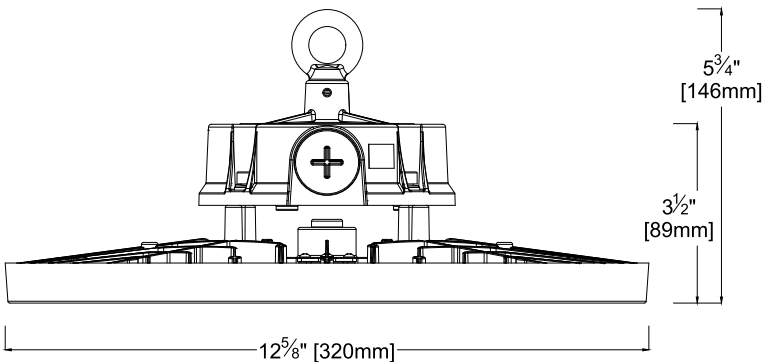
*EM Driver unit only, to be installed in the field.

Fixture Dimensions

Standard Output



High Output



Photometrics

For IES files and information, please visit Round High Bay product page on www.lightfixtureindustries.com