

LED Luminaires

Essential Round Highbay

- Lumen Packages Covering 14,000 to 33,000 Lumens
- Multiple Mounting Options
- Easy Plug and Play DC Bi-Level Motion Sensor
- DLC 5.1 Premium
- "Driver on Top" Design for Greater Heat Dissipation versus Driver on Board (DOB) Products

Specifications

Description

The Essential Round Highbay offers the perfect balance of affordability and performance for a wide array of applications including warehouses, gymnasiums, big box stores, and showrooms. In addition to its excellent lumen efficacy and longevity its powder coated die-cast aluminum housing and polycarbonate lens, along with its IP65 Wet Location rating delivers a robust and high performing luminaire. Finally, the Essential Round Highbay offers excellent versatility and ease of installation through its included 6' cord and 1/2" NPT steel hook. Optional Yoke and Pendant Mounts sold separately.

Performance

- 100, 150, 200, and 240 wattage options
- Lumen efficacy of 138-140
- L70 lumen maintenance of 50,000 hours
- Built in 6kv surge protection
- 5 year limited warranty
- 120-277 VAC Input
- Standard 6' 18/3 shielded power cord

Certifications

- UL
- cUL
- FCC
- RoHS
- IP65 wet location rated
- DLC 5.1 premium



Construction

- DOT (Driver on Top) die-cast aluminum housing with powder coated black finish
- 90 degree polycarbonate (PC) lens
- 1/2" NPT steel hook (standard)
- Yoke mount bracket (accessory)
- Integrated 6kv surge protection

Controls

- 0-10 V dimming standard
- Bi-level motion sensor (accessory)

Applications

- Warehouses
- Gymnasiums
- Big box and retail stores
- Manufacturing
- Showrooms

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Essential Round Highbay

Product Description

Ordering Logic: Ex: ERHB-100-50-U

Series	Wattage	CCT	Voltage
ERHB = Essential Round Highbay	100 = 100W 14,000lm 150 = 150W 21,000lm 200 = 200W 28,000lm 240 = 240W 33,000lm	50 = 5000K	U = Universal 120-277VAC

Ordering Information

Stock SKU's		
Product SKU	Product Code	Product Description
37300	ERHB-100-50-U	ProLED Essential Round High Bay 100W, 5000K, Universal Voltage 120-277VAC, 0-10V Dimming, Black
37301	ERHB-150-50-U	ProLED Essential Round High Bay 150W, 5000K, Universal Voltage 120-277VAC, 0-10V Dimming, Black
37302	ERHB-200-50-U	ProLED Essential Round High Bay 200W, 5000K, Universal Voltage 120-277VAC, 0-10V Dimming, Black
37303	ERHB-240-50-U	ProLED Essential Round High Bay 240W, 5000K, Universal Voltage 120-277VAC, 0-10V Dimming, Black

Accessories		
Product SKU	Product Code	Product Description
24875	DCMS	DC Bi-Level Motion Sensor
24876	DCMS-REM	DC Motion Bi-Level Motion Sensor Remote
37304	ERHB-PC	Essential Round Highbay Polycarbonate Reflector
37305	ERHB-AL	Essential Round Highbay Aluminum Reflector
37306	ERHB-WG	Essential Round Highbay Wire Guard
37307	ERHB-YB	Essential Round Highbay Yoke Mount Bracket
37308	ERHB-PA	Essential Round Highbay Pendant Mount Adapter

Essential Round Highbay

Specifications Table

	ERHB-100-50-U	ERHB-150-50-U	ERHB-200-50-U	ERHB-240-50-U
Base Wattage	100W	150W	200W	240W
Selectable CCT	5000K	5000K	5000K	5000K
Lumens	14000	21000	28000	33000
Efficacy	140	140	140	138
Amperage	120VAC (0.83A) 277VAC (.036A)	120VAC (1.25A) 277VAC (0.54A)	120VAC (1.67A) 277VAC (0.72A)	120VAC (1.67A) 277VAC (0.87A)
Distribution	90 Degree			
CRI	>80 CRI			
L70 Lifetime (Hrs)	>50,000Hrs			
Voltage	Universal 120-277VAC			
Power Factor	0.9			
Dimming	0-10VDC Dimming			
Surge Protection	6kv Driver Surge Protection			
Housing	Die-cast Aluminum with Powder Coated Finish			
Lens	Polycarbonate Lens			
Op. Temperature	-30°C to 50°C			
Listings	UL, cUL, DLC Premium, FCC, RoHS			
Environment	IP65 Wet Rated			
Warranty	5 Years Standard			

Performance Table

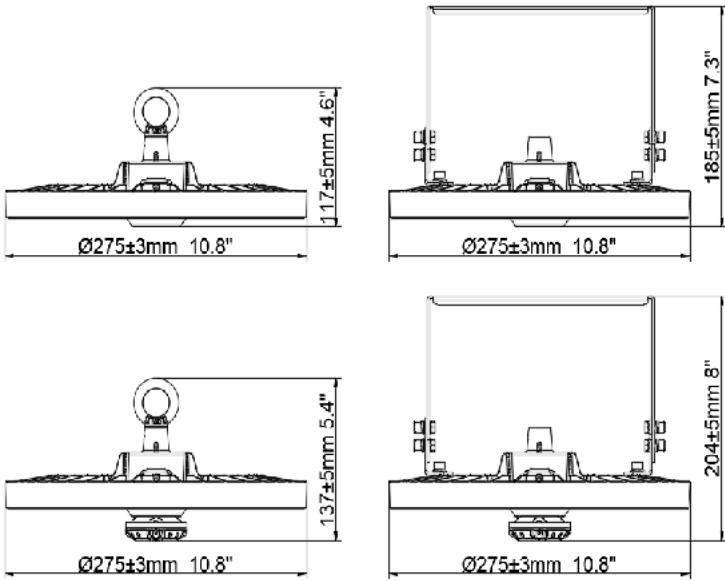
5000K			
Product Code	Wattage	Lumen(lm)	Efficacy(lm/W)
ERHB-100-50-U	100	14000	140
ERHB-150-50-U	150	21000	140
ERHB-200-50-U	200	28000	140
ERHB-240-50-U	240	33000	138

LED Luminaires

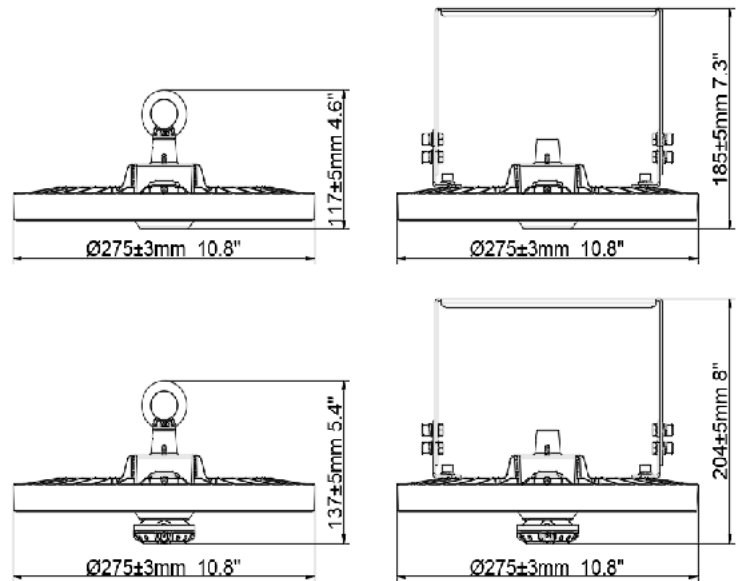
Essential Round Highbay Dimensions

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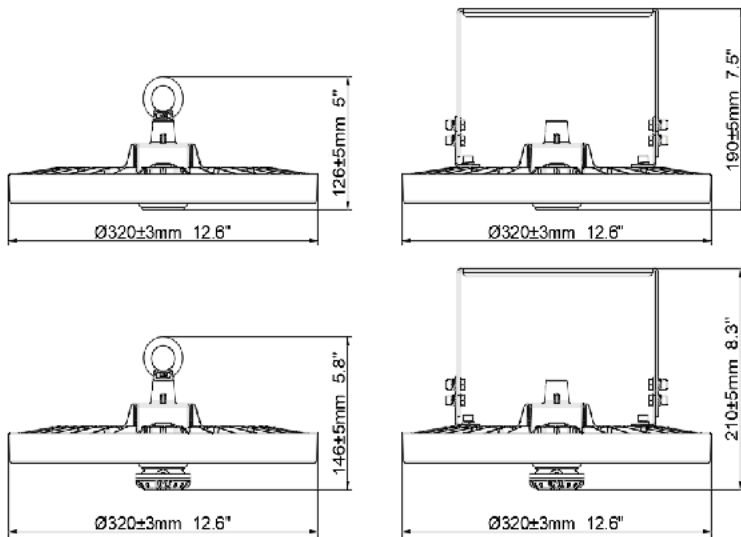
ERHB-100-50-U



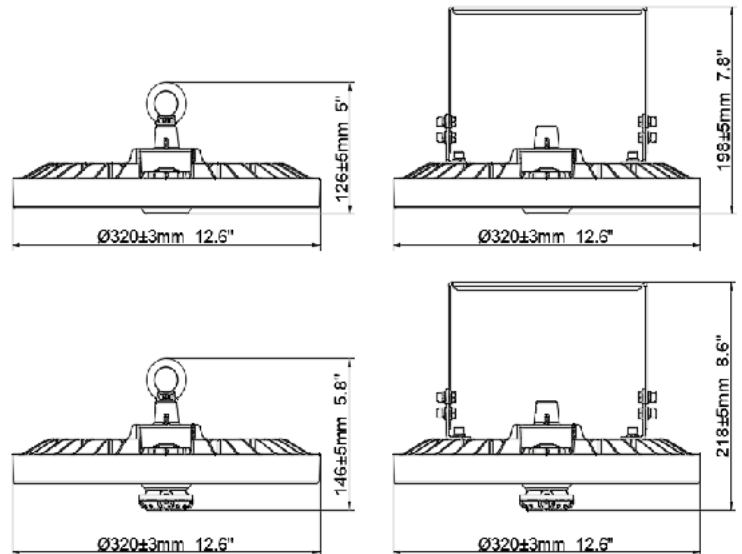
ERHB-150-50-U



ERHB-200-50-U



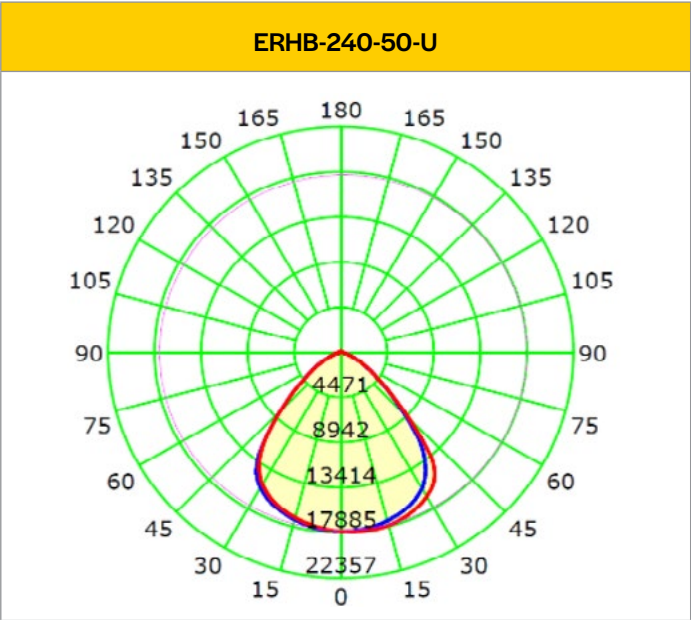
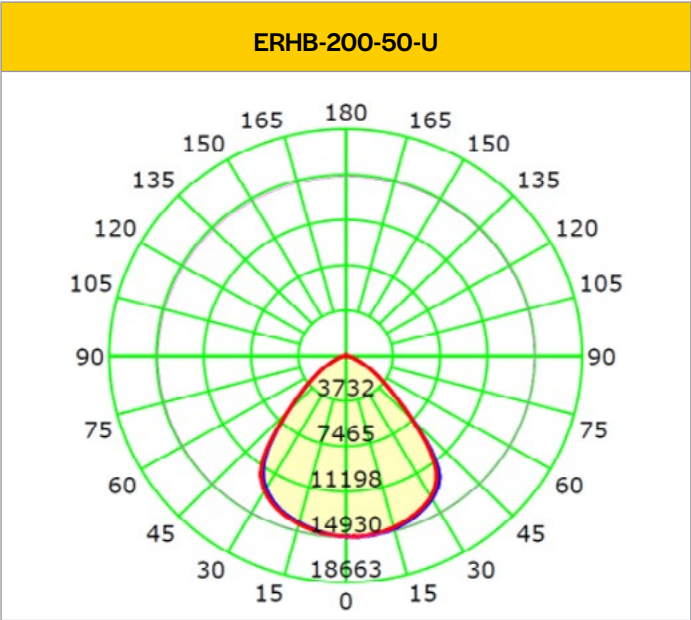
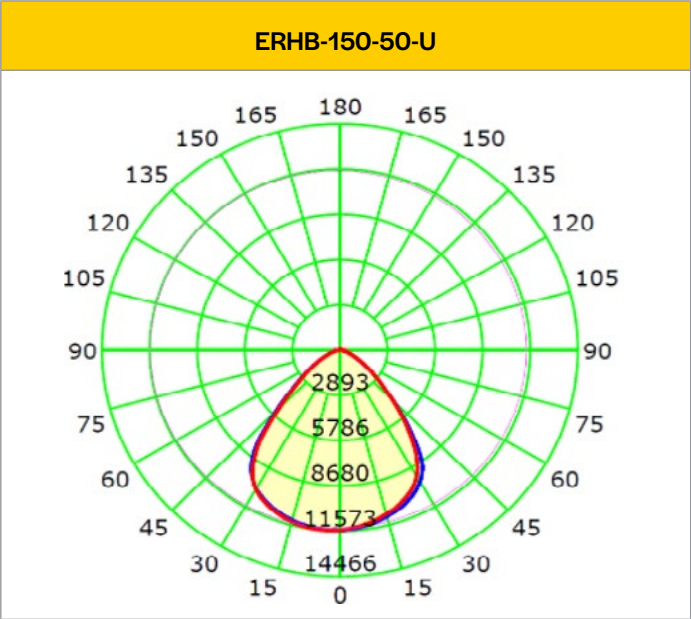
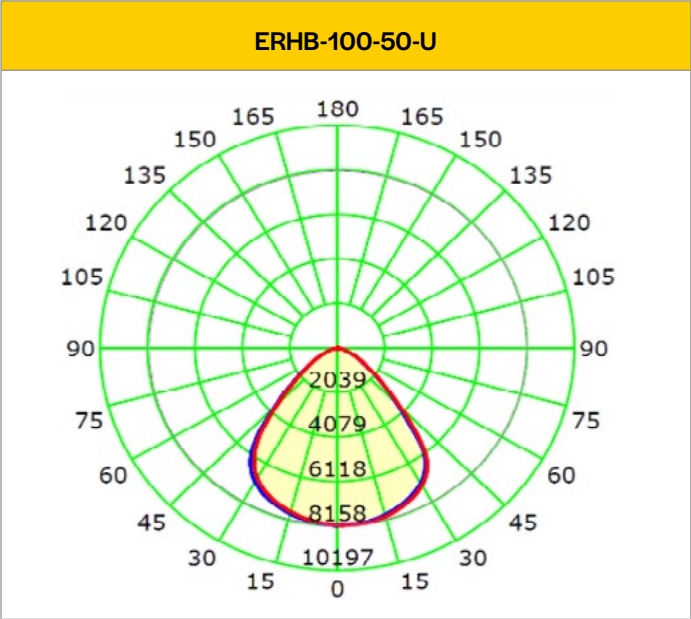
ERHB-240-50-U



LED Luminaires

Essential Round Highbay Photometrics

*The below diagrams and zonal lumen summaries represent each fixture at highest wattage selection and at 5000K. For complete photometry/IES files, please contact the factory.




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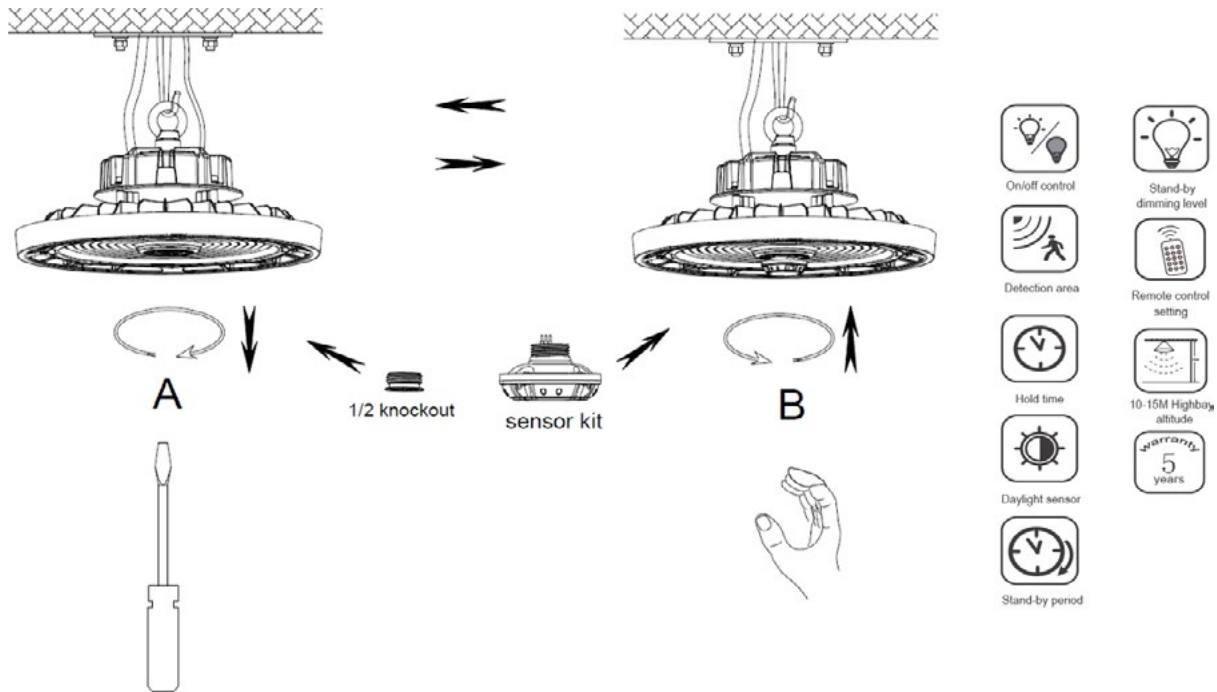
Essential Round Highbay Controls

Quick Install Controls - Sold Separately

DC Occupancy Sensor		
Product SKU	Product Code	Description
24875	DCMS	DC Bi-Level Motion Sensor



DC Occupancy Sensor		
Product SKU	Product Code	Description
24876	DCMS-REM	DC Bi-Level Motion Sensor Remote

DCMS Motion Sensor Default Settings
 Brightness Level: 100%
 Hold Time: 1 Minute
 Stand-by Dimming Level: 20%
 Stand-by Time: 1 Minute
 Sensitivity: 100%
 Daylight Sensing: Disabled

Quick Installation Instructions
 1. Ensure power is not applied at fixture
 2. Unscrew 1/2" knockout with screwdriver as illustrated
 3. Screw in DCMS Bi-Level Motion Sensor (Hand Tight)
 4. Reapply power to fixture
 5. Use Factory Settings on DCMS, or program settings with the DCMS Remote Daylight Sensing: Disabled