

ERHB | ESSENTIAL ROUND HIGH BAY

3 LUMEN BOOST® | 3 CCT COLOR PREFERENCE®
0-10V Dimming | Efficacy up to 171 LPW

KEY FEATURES

ETI's sleek Essential Round High Bay is both CCT and wattage selectable—offering flexibility and efficiency. It also offers a sensor ready port for quick plug and play install.

CCT & Light Quality

- 3 Selectable CCTs (3500K, 4000K, 5000K), 80+ CRI

Light Output & Efficacy

- 3 Wattage Levels, 4 lumen packages:

15000 lm: 100 | 80 | 60W **30000 lm:** 200 | 180 | 150W
22500 lm: 150 | 120 | 100W **36000 lm:** 240 | 220 | 200W

Dimming, Voltage, Controls

- 0-10V dimming to 10%
- Universal voltage (120-277V)
- BBU & OC Sensor Accessories Available (order separately, field install)
- Life projected L70 > 54,000 hours

SPECIFICATIONS

Construction

- Die-cast aluminum housing, 1/2" NPT steel hook with locking screw
- Matte black or matte white finish options
- Thermal Management: Fixture top is designed to maximize heat dissipation

Optics

- Impact-resistant 90 degree polycarbonate lens (60 degree lens field-install option available)

Installation

- Screw-in-Hook Mount and 6' Power / Dimming Cord Included
- Additional mounting kits available as accessories:

Yoke mount
1/2" to 3/4" pendent step mount
J-Box Mount

- 3 LUMEN BOOST® / 3 CCT COLOR PREFERENCE® for easy field-adjustable lumen / CCT selection with switch located on back panel. Factory set to highest wattage and 5000K.

Electrical

- 100,000 hour LEDs at L70 for reduced maintenance
- High ambient temp rating for demanding applications -40°C to 50°C (-40°F to 122°F)
- 120-277V and 347-480V options available, 50/60Hz
- Surge protection: LIN-PE: 6kV, L-N: 6kV
- 0-10V dimmable driver, down to 10%
- Ships at the highest wattage setting

Warranty

5-Year Standard Warranty. See terms at: [ETISSL.com/warranty/](https://www.etissl.com/warranty/)

KEY DATA		
LM Range for 15L pkg	60-80-100W	9492 – 16114
LM Range for 22L pkg	100-120-150W	15406 – 23529
LM Range for 30L pkg	150-180-200W	22242 – 30655
LM Range for 36L pkg	200-220-240W	28138 – 37943
Efficacy Range (LPW)		134 – 171
Reported Life (Hours)		L70 / > 54,000

DATE:	PROJECT:
TYPE:	NOTES:
CATALOG #:	



Black Finish

Includes:

Screw-in-Hook Mount &
6' Power / Dimming Cord



White Finish

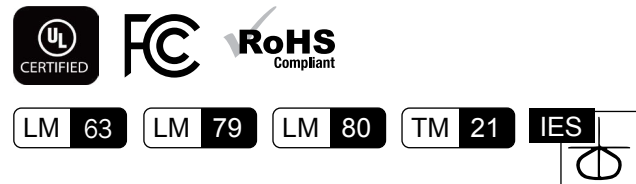
Sensor-Ready Port

Plug-N-Play Sensor
Accessories Available

Features



Certifications



Certifications & Test Data

- All luminaires are built to UL 1598 standards and have the appropriate UL labels and information on product
- Wet location rated, IP65
- IK09 Rated—Impact Resistant
- Adheres to LM79, LM80, and TM21 industry standards for photometric, lumen maintenance and lifetime calculations
- DLC® (DesignLights Consortium) Premium. Please refer to DLC for specific product qualifications at www.designlights.org
- Driver rated for FCC part 15 Class B for use in residential or commercial applications

Essential Round High Bay 4 LUMEN BOOST® | 3 CCT COLOR PREFERENCE®

ORDERING GUIDE

ERHB

Series

ERHB
Essential
Round
High Bay

-

Size

(Lumen Package)¹

-

LB3

Lumen Boost

LB3
3 Lumen Boost®

-

8

CRI

8
80CRI
(min.)

-

CP3

CCT

CP3
3 CCT
Color Preference®
35/4/5000K

-

MV

Voltage

MV
Multi-Volt
120-277V

-

LVD

Dimming

LVD
Low Voltage
Dimming
0-10V

-

Finish Color

BL
Black
WH
White¹

15L

15000 lm

Lumen Pkg 15L
100 | 80 | 60W

22L

22500 lm

Lumen Pkg 22L
150 | 120 | 100W

30L

30000 lm

Lumen Pkg 30L
200 | 180 | 150W

36L

36000 lm

Lumen Pkg 36L
240 | 220 | 200W

Notes: 1. Standard housing finish color is black. White housing finish color is available for 22L and 36L lumen packages only.

STOCK ORDERING INFORMATION

Catalog Part Number	Order Number	Description	CRI	CCT (CP3)	Wattage Level	Delivered Lumens ¹	LPW	Volt.	Dim	DLC ²							
ERHB-15L-LB3-8-CP3-MV-LVD-BL	63815102	Round High Bay, Lumen Package 15L, Black Finish	80+	3500K	100	14599	140	120-277V	0-10V	Premium							
					80	11755	146										
					60	9492	152										
				4000K	100	16114	162										
					80	12954	166										
					60	10401	171										
				5000K	100	15060	146										
					80	12629	155										
					60	10074	161										
ERHB-22L-LB3-8-CP3-MV-LVD-BL	63815202	Round High Bay, Lumen Package 22L, Black Finish	80+	3500K	150	20429	134	120-277V	0-10V	Premium							
					120	17875	146										
					100	15406	150										
				4000K	150	23529	161										
					120	19220	165										
					100	16757	169										
ERHB-22L-LB3-8-CP3-MV-LVD-WH	63815201	Round High Bay, Lumen Package 22L, White Finish		5000K	150	21376	140										
					120	17805	149										
					100	15548	155										
			ERHB-30L-LB3-8-CP3-MV-LVD-BL	63816102	Round High Bay, Lumen Package 30L, Black Finish	80+	3500K	200	27581	137	120-277V	0-10V	Premium				
180	25233	141															
150	22242	149															
4000K	200	30655					159										
	180	28218					164										
	150	24190					169										
5000K	200	28393					141										
	180	26669					148										
	150	22907					155										
ERHB-36L-LB3-8-CP3-MV-LVD-BL	63816202	Round High Bay, Lumen Package 36L, Black Finish					80+	3500K	240	33478				136	120-277V	0-10V	Premium
									220	30267				136			
									200	28138				140			
			4000K	240	37943	162											
				220	33723	160											
				200	31094	162											
ERHB-36L-LB3-8-CP3-MV-LVD-WH	63816201	Round High Bay, Lumen Package 36L, White Finish	5000K	240	33841	139											
				220	31247	143											
				200	29319	147											

Notes: 1. Lumens based on black finish fixtures. For more delivered lumens and test data on below, or visit ETISSL.com
2. Use Catalog Part Number to search DLC QPL

ACCESSORIES (must be ordered separately, field installed)

Occupancy Sensor^{1,2,3} Not compatible with below BBU Products

Catalog Part Number	Order Number	Description
ERHB-QI-OCC-MS	70221101	ERHB Quick Install DC Occupancy Sensor SPEC SHEET DOWNLOAD
ERHB-RCOP	70222101	ERHB Remote Control Occupancy Programmer SPEC SHEET DOWNLOAD



ERHB Remote Control Occupancy Programmer
ERHB-RCOP



ERHB Quick Install DC Occupancy Sensor
ERHB-QI-OCC-MS

- Notes:
1. Factory OC sensor settings can be changed w/ (ERHB-RCOP) handheld remote programmer accessory. (must be ordered separately)
 2. Max handheld remote programmer operating distance of 49.2' (15m) See Instruction Manual for settings & details.
 3. OCC Default setting; Brightness 100%. Hold time 1minute, Stand-by dimming level 20% Stand-by time 1minute, Sensitivity 100%, Daylight Disable
 4. OC Sensor CANNOT be used or installed with below BBUs

ACCESSORIES (must be ordered separately, field installed)

Emergency LED Driver/BBU² Not compatible with ERHB Quick Install DC Occupancy Sensor

Order Number	Description	Details	CA Title 20 MAEDBS (BBU)	
70112201-2-KIT (EMUFO-25170-YY-KIT) ³	Round, 25W, IP65, 90 min. install kit (GEN 3)	Ideal for pendant/suspension installations SPEC SHEET DOWNLOAD (located on ETISSL.com)	Search: EMUFO-25170-YY	
70114401-2-KIT (EMUFO-40170-YY-KIT) ³	Round, 40W, IP65, 90 min. install kit (GEN 3)	Ideal for pendant/suspension installations SPEC SHEET DOWNLOAD (located on ETISSL.com)	Search: EMUFO-40170-YY	
70203101 (EM-R-TEST-REMOTE) ⁴	Round BBU handheld test remote	BBU handheld test remote compatible w/ Round BBUs only (70112201-2, 70114401-2 models) & max handheld test remote operating distance of 98' (29.9m).	MANUAL DOWNLOAD (located on ETISSL.com)	

- Notes:
1. Multiply the LPW of specified SKU by BBU wattage for the approximate delivered lumens. (Ex. 127 LPW x 40-watts = approximately 5000 lumens)
 2. BBUs CANNOT be used or installed with above OC Sensor
 3. EMUFO-25170-YY-KIT must be used with ERHB15L and ERHB22L models and EMUFO-40170-YY-KIT must be used with ERHB30L and ERHB36L models.
 4. BBU handheld test remote max operating distance is 98' (29.9m)

Essential Round High Bay 4 LUMEN BOOST® | 3 CCT COLOR PREFERENCE®

OPTIONAL MOUNTING ACCESSORIES (must be ordered separately)

Catalog Part Number	Order Number	Description
ERHB-YM-SM-W	70520101	Essential Series Round High Bay, Yoke Mount, Small Size (100W, 150W), White
ERHB-YM-SM-B	70518101	Essential Series Round High Bay, Yoke Mount, Small Size (100W, 150W), Black
ERHB-YM-LG-W	70521101	Essential Series Round High Bay, Yoke Mount, Large Size, (200W-240W), White
ERHB-YM-LG-B	70519101	Essential Series Round High Bay, Yoke Mount, Large Size, (200W-240W), Black
ERHB-JBM	70524101	Essential Series Round High Bay, Junction Box Mount
ERHB-PSM	70341101	Essential Series Round High Bay, Pendant Step Mount
ERHB-AR-SM	70513101	Essential Series Round High Bay, Aluminum Reflector, Small (100W-150W)
ERHB-AR-LG	70514101	Essential Series Round High Bay, Aluminum Reflector, Large (200W-240W)
ERHB-PC-SM	70516101	Essential Series Round High Bay, Polycarbonate Reflector, Small (100W-150W)
ERHB-PC-LG	70517101	Essential Series Round High Bay, Polycarbonate Reflector, Large (200W-240W)
ERHB-60-SM	70411101	Essential Series Round High Bay, 60 Degree Lens, Small (100W-150W)
ERHB-60-LG	70412101	Essential Series Round High Bay, 60 Degree Lens, Large (200W-240W)
ERHB-WG-SM	70522101	Essential Series Round High Bay, Wire guard, Small (100W-150W)
ERHB-WG-LG	70523101	Essential Series Round High Bay, Wire guard, Large (200W-240W)
ERHB-STD-XMFR	70223101	Essential Series Round High Bay, 480VAV to 208VAC, 325 VAC Stepdown Transformer



Small Aluminum Reflector
ERHB-AR-SM



Large Aluminum Reflector
ERHB-AR-LG



Small Polycarbonate Reflector
ERHB-PC-SM



Large Polycarbonate Reflector
ERHB-PC-LG



Small Wire Guard
ERHB-WG-SM



Large Wire Guard
ERHB-WG-LG



ERHB-YM-SM-B
Small Yoke Mount
Black



ERHB-YM-LG-B
Large Yoke Mount
Black



ERHB-YM-SM-W
Small Yoke Mount
White



ERHB-YM-LG-W
Large Yoke Mount
White



Junction Box Mount
ERHB-JBM



Pendant Step Mount
ERHB-PSM



480VAV to 208VAC, 325 VAC
Stepdown Transformer
ERHB-STD-XMFR



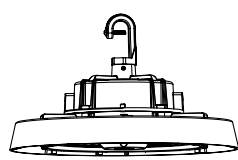
Note:

Wire Guard works on both reflector options.

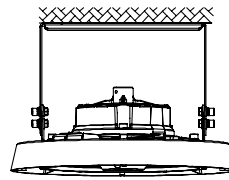
The wireguard covers the inter light engine (see image to left) versus the outside diameter of the reflector.

Essential Round High Bay 3 LUMEN BOOST® | 3 CCT COLOR PREFERENCE®

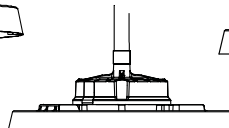
MOUNTING / DETAILS



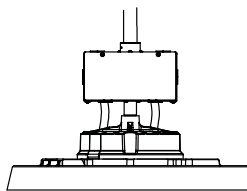
Hook Mount Included



Yoke Mount
(order separately)



1/2" to 3/4" NPT Pendant
Step Mount
(order separately)



J-Box Mount
(order separately)



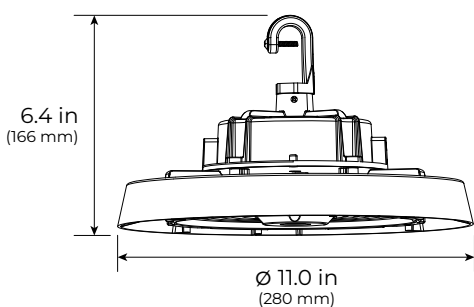
Factory settings:
5000K



Factory settings:
15L: 100W
22L: 150W
30L: 200W
36L: 240W

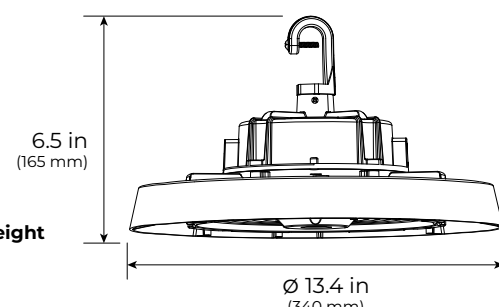
DIMENSIONS

15L/22L Models



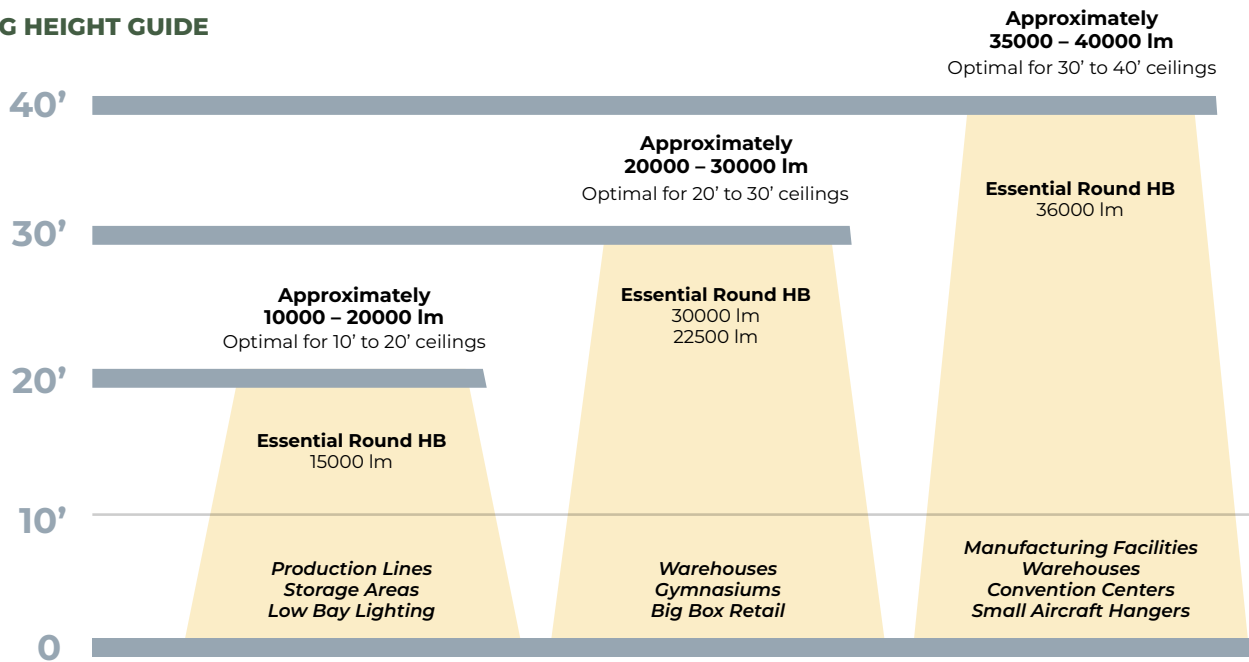
Unit Weight
5.07 lbs.

30L/36L Models



Unit Weight
7.05 lbs.

MOUNTING HEIGHT GUIDE



PERFORMANCE / DATA

Lumen Maintenance	
Ambient Temp.	TM-21 Lumen Maintenance (54,000 hours)
25° C (77° F)	87.80%
Ambient Temp.	TM-21 Theoretical L70 (hours)
25° C (77° F)	> 54,000



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All specifications are subject to change without notice.
All reported values are typical values, measured under laboratory conditions @ 25° C (77° F).
Actual performance can vary slightly as a result of end-user application & environment.
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PHOTOMETRIC SAMPLES

IES

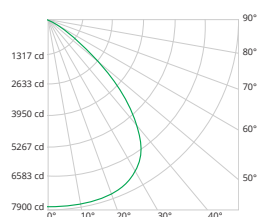
15000 LM Package @ 100W

Luminaire Data

CCT & CRI	4000K, 80CRI minimum
Initial Delivered Lumens	16114
Wattage	99.2
Efficacy	162.4
Beam Angle	50% = 89.6° 10% = 126.3°
Spacing	0° = 1.33 90° = 1.33

Photometric values based on tests performed in compliance with LM-63 & LM-79

Indoor Candela Plot



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	6379.9	39.6%
0-40	10404.8	64.6%
0-60	14910.0	92.6%
0-90	15893.1	98.7%
0-180	16106.6	100%

IES

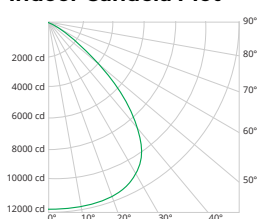
22000 LM Package @ 150W

Luminaire Data

CCT & CRI	4000K, 80CRI minimum
Initial Delivered Lumens	23529
Wattage	146.2
Efficacy	162
Beam Angle	50% = 88.2° 10% = 125.5°
Spacing	0° = 1.3 90° = 1.32

Photometric values based on tests performed in compliance with LM-63 & LM-79

Indoor Candela Plot



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	9329.3	39.7%
0-40	15214.8	64.7%
0-60	21777.3	92.6%
0-90	23210.1	98.7%
0-180	23521.8	100%

IES

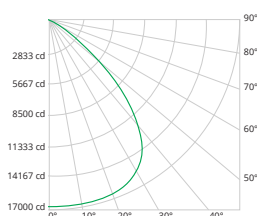
30000 LM Package @ 200W

Luminaire Data

CCT & CRI	4000K, 80CRI minimum
Initial Delivered Lumens	30655
Wattage	192.2
Efficacy	159.5
Beam Angle	50% = 81.9° 10% = 124.1°
Spacing	0° = 1.24 90° = 1.27

Photometric values based on tests performed in compliance with LM-63 & LM-79

Indoor Candela Plot



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	12857.1	42.0%
0-40	20408.1	66.6%
0-60	28249.6	92.2%
0-90	30252.5	98.7%
0-180	30639.6	100%

IES

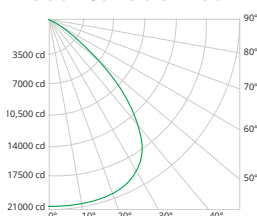
36000 LM Package @ 240W

Luminaire Data

CCT & CRI	4000K, 80CRI minimum
Initial Delivered Lumens	37943
Wattage	234.2
Efficacy	162.0
Beam Angle	50% = 81.8° 10% = 123.3°
Spacing	0° = 1.20 90° = 1.30

Photometric values based on tests performed in compliance with LM-63 & LM-79

Indoor Candela Plot



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	16016.5	42.2%
0-40	25315.2	66.7%
0-60	34949.6	92.2%
0-90	37441.6	98.7%
0-180	37924.1	100%