

Round LED High Bay

Prefix: HBRE



The HBRE is an economical round, 0-10V dimming, LED high bay luminaire. It is designed to illuminate a wide variety of settings, including commercial, industrial & retail settings such as warehouses, manufacturing facilities, sporting venues and big-box retailers. With a painted die-cast aluminum housing and glass lens the HBRE provides high levels of durability and performance. High efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional high bay fixtures.



project:

fixture type:

catalog #:

quantity:

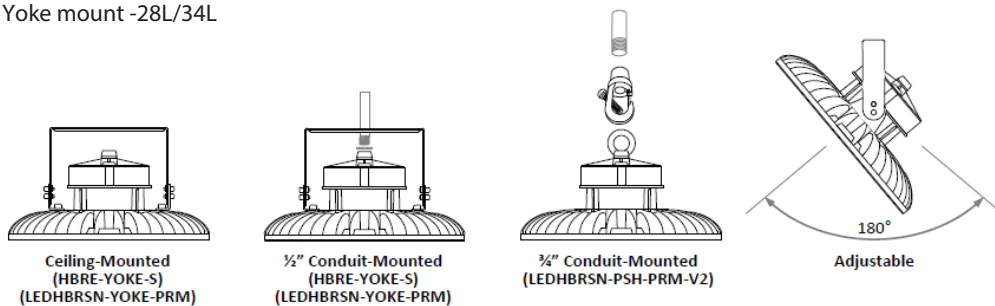
ORDERING GUIDE

EXAMPLE: HBRE-14L-4K

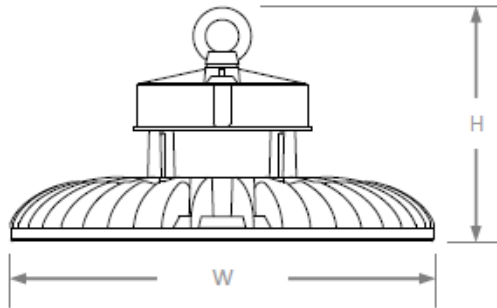
<b>HBRE</b>	-	-	-
<b>MODEL</b>	<b>Lumen Output Selectable</b>	<b>Kelvin Selectable</b>	<b>Driver Voltage</b>
<b>HBRE</b> -Round high bay with 0-10V dimming and glass lens	<b>14L</b> - 14,000 lms (102W) <b>21L</b> - 21,000 lms (150W) <b>28L</b> - 28,000 lms (200W) <b>34L</b> - 34,000 lms (241W)	<b>4K</b> - 4000k <b>5K</b> - 5000K	<b>Blank</b> - 120-277V

Accessories (Ordered Separately)

- LEDHBRNSN-PSH-PRM-V2 - Pendant snap hook
- HBRE-YOKE-S - Yoke mount -14L/21L
- LEDHBRNSN-YOKE-PRM - Yoke mount -28L/34L



Dimensions



Model	Diameter	Height	Weight
14L & 21L	11.7"	7.3"	6.8 lbs.
28L & 34L	14.2"	8.5"	11.2 lbs.

Electrical Data

Model	Color Temperature	CRI <sup>1</sup>	Luminaire Lumens	Luminaire Watts	Lumens/Watt	Input Voltage <sup>2</sup>	Input Current (A)			Power Factor	THD <sup>3</sup>	L <sub>70</sub> Hours <sup>4</sup>
							120V	240V	277V			
HBRE-14L-4K	4000k	>80	14,497	102	142	120-277	0.85	0.43	0.37	>0.90	<20%	174,000
HBRE-14L-5K	5000k	>80	14,864	102	146	120-277	0.85	0.43	0.37	>0.90	<20%	174,000
HBRE-21L-4K	4000k	>80	20,859	150	139	120-277	1.25	0.63	0.54	>0.90	<20%	174,000
HBRE-21L-5K	5000k	>80	21,406	150	142	120-277	1.25	0.63	0.54	>0.90	<20%	174,000
HBRE-28L-4K	4000k	>80	28,341	200	141	120-277	1.67	0.83	0.72	>0.90	<20%	174,000
HBRE-28L-5K	5000k	>80	28,948	200	145	120-277	1.67	0.83	0.72	>0.90	<20%	174,000
HBRE-34L-4K	4000k	>80	33,552	241	139	120-277	2.00	1.00	0.87	>0.90	<20%	174,000
HBRE-34L-5K	5000k	>80	34,240	241	142	120-277	2.00	1.00	0.87	>0.90	<20%	174,000

<sup>1</sup> Color rendering index.

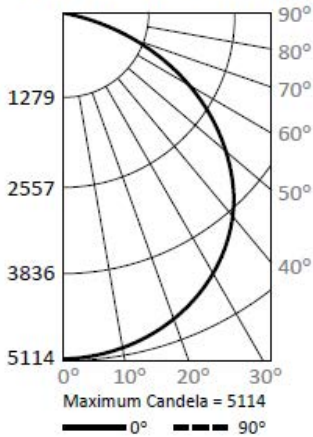
<sup>2</sup> All 50-60Hz.

<sup>3</sup> Total harmonic distortion.

<sup>4</sup> L<sub>70</sub> refers to the number of hours at which lumen output declines to 70% of the initial level. L<sub>70</sub> hours are IES TM-21-11 calculated hours.

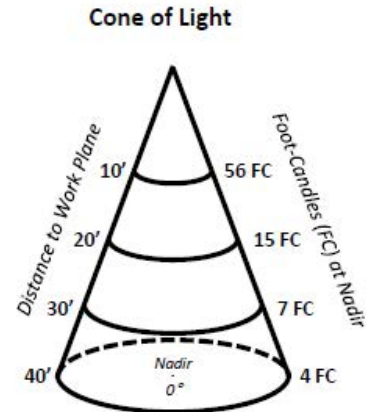
Photometric Data

**HBRE-14L-4K (14,497 Lumens)**

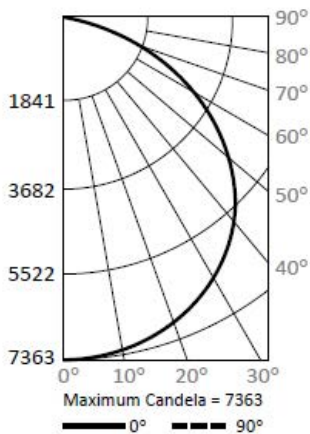


Candlepower Summary		
	0°	90°
0°	5,114	5,114
10°	5,019	5,004
20°	4,789	4,783
30°	4,410	4,404
40°	3,864	3,855
50°	3,154	3,144
60°	2,224	2,194
70°	1,172	1,145
80°	279	252
90°	12	24

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0° - 10°	483	3.3%
0° - 20°	1,873	12.9%
0° - 30°	4,007	27.6%
0° - 40°	6,620	45.7%
0° - 50°	9,364	64.6%
0° - 60°	11,823	81.6%
0° - 70°	13,529	93.3%
0° - 80°	14,281	98.5%
0° - 90°	14,380	99.2%
90° - 180°	117	0.8%
0° - 180°	14,497	100.0%

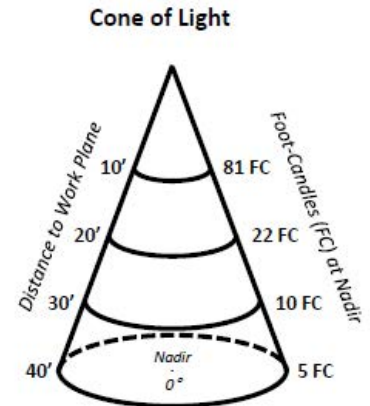


**HBRE-21L-4K (20,859 Lumens)**

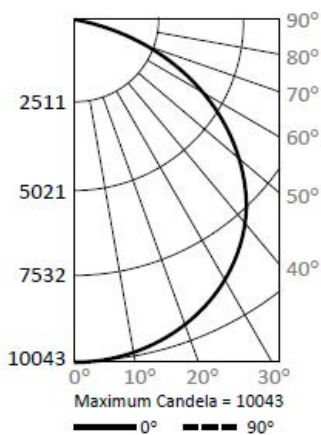


Candlepower Summary		
	0°	90°
0°	7,363	7,363
10°	7,219	7,225
20°	6,907	6,916
30°	6,381	6,368
40°	5,589	5,593
50°	4,602	4,549
60°	3,296	3,198
70°	1,781	1,684
80°	451	371
90°	18	0

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0° - 10°	695	3.3%
0° - 20°	2698	12.9%
0° - 30°	5773	27.7%
0° - 40°	9536	45.7%
0° - 50°	13487	64.7%
0° - 60°	17028	81.6%
0° - 70°	19503	93.5%
0° - 80°	20610	98.8%
0° - 90°	20752	99.5%
90° - 180°	107	0.5%
0° - 180°	20,859	100.0%

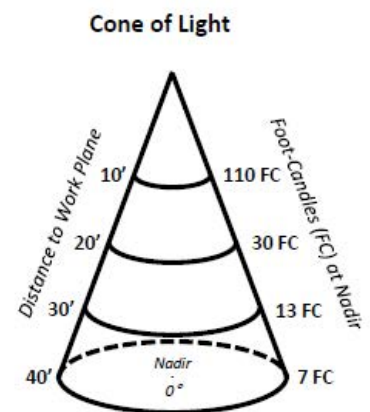


**HBRE-28L-4K (28,341 Lumens)**



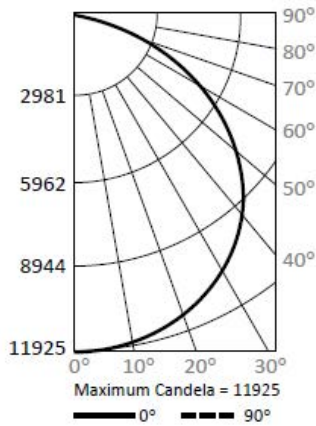
Candlepower Summary		
	0°	90°
0°	10,043	10,043
10°	9,870	9,880
20°	9,435	9,460
30°	8,709	8,707
40°	7,644	7,650
50°	6,259	6,275
60°	4,528	4,532
70°	2,523	2,514
80°	670	634
90°	18	6

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0° - 10°	948	3.3%
0° - 20°	3,679	13.0%
0° - 30°	7,864	27.7%
0° - 40°	12,973	45.8%
0° - 50°	18,320	64.6%
0° - 60°	23,099	81.5%
0° - 70°	26,503	93.5%
0° - 80°	28,029	98.9%
0° - 90°	28,232	99.6%
90° - 180°	109	0.4%
0° - 180°	28,341	100.0%



Photometric Data

HBRE-34L-4K (33,552 Lumens)



Candlepower Summary		
	0°	90°
0°	11,925	11,925
10°	11,721	11,719
20°	11,195	11,183
30°	10,281	10,253
40°	8,994	8,978
50°	7,304	7,263
60°	5,236	5,143
70°	2,884	2,764
80°	775	680
90°	22	9

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0° – 10°	1,125	3.4%
0° – 20°	4,366	13.0%
0° – 30°	9,328	27.8%
0° – 40°	15,377	45.8%
0° – 50°	21,693	64.7%
0° – 60°	27,322	81.4%
0° – 70°	31,330	93.4%
0° – 80°	33,156	98.8%
0° – 90°	33,417	99.6%
90° – 180°	135	0.4%
0° – 180°	33,552	100.0%

