



High Bay Round UFO Explosion Proof



Description

The Litelume High Bay Round UFO Explosion Proof (LL-HBRUEP) Class 1, Division 1 Luminaire is available with a clear tempered glass lens. Typical lighting applications include industrial facilities, marine vessels, mining, chemical production & processing, oil & gas refineries and high humidity, dust and temperature facilities.

Fixture Information

Size:	20W/60W/80W/100W/150W/200W/ 250W/280W
Housing:	Die-cast Aluminum Housing
Finish:	Powder Coat Finish Over a Chromate Conversion Coating
Color:	Standard: Grey
Top Opening:	3/4 NPT Standard (Optional M25)
Side Opening:	3/4 NPT Standard (Optional M20, M25, 1/2 NPT)
Mounting:	Standard: Ceiling, Wall, or Surface Mount with U Bracket. Optional: Hook, Wallmount Junction Box, Pendant or Stanchion
Lens:	Clear Tempered Glass
CRI:	80
Dimming:	Standard: 0-10V
Temperature:	-40°F to 140°F
Voltage:	Standard: 120-277V Optional: 277-480V
Power Factor:	>.90
Surge Protector:	6 kVA
Warranty:	Standard Luminaire: 10-Year Limited Warranty With 8w emergency battery backup: 5-Year Limited Warranty

Performance Data

Lumen Output:

2,660 to 39,200 lm

Lumens Per Watt (typical):

133 to 140 lm/W

CCT:

4000K
5000K

Distriution:

Standard: 120 Degree
Optional: 40,60 & 90 Degree

Lifespan:

Features Meanwell Driver & with up to 100,000
running hours

Ratings & Certificates

Marking Atex
 II2 G Ex db op is IIB T5/T6 Gb
 II2 D Ex op is tb IIIC T80/90C Db IP66
 Marking IECEX
 Ex db op is IIB T5/T6 Gb
 Ex op is tb IIIC T80/90C Db IP66
 Marking UL844 (North American)
 Class I,Division 1,Groups C,D
 Class I,Division 2,Groups A,B,C,D
 Class II,Division 1,Groups E,F,G
 Class II,Division 2,Groups F,G
 Class III
 Marine Marking
 UL 1598, UL1598A
 ABS
 Other Rating
 IP 66
 IK 10





Dimension

Item	Height	Diameter
20W-80W	8.42"	14.08"
100W-150W	13.41"	15.98"
200W-280W	10.00"	17.44"

20W-80W	
100W-150W	
200W-280W	

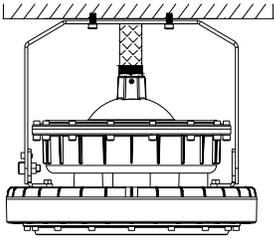
Photometrics

LL-HBRUEP-150-50-UNV-GY 40°	LL-HBRUEP-150-50-UNV-GY 60°	LL-HBRUEP-150-50-UNV-GY 90°	LL-HBRUEP-150-50-UNV-GY 120°																																																
<table border="1"> <thead> <tr> <th>Center Beam fc</th> <th>Beam Width</th> </tr> </thead> <tbody> <tr><td>4ft</td><td>1324fc 11ft 31ft</td></tr> <tr><td>8ft</td><td>330fc 22ft 22ft</td></tr> <tr><td>12ft</td><td>147fc 34ft 34ft</td></tr> <tr><td>16ft</td><td>51fc 45ft 43ft</td></tr> <tr><td>20ft</td><td>63fc 56ft 56ft</td></tr> </tbody> </table> <p>■ Vert.Spread:40 ° ■ Horiz.Spread:40 °</p>	Center Beam fc	Beam Width	4ft	1324fc 11ft 31ft	8ft	330fc 22ft 22ft	12ft	147fc 34ft 34ft	16ft	51fc 45ft 43ft	20ft	63fc 56ft 56ft	<table border="1"> <thead> <tr> <th>Center Beam fc</th> <th>Beam Width</th> </tr> </thead> <tbody> <tr><td>4ft</td><td>981fc 11ft 11ft</td></tr> <tr><td>8ft</td><td>245fc 22ft 22ft</td></tr> <tr><td>12ft</td><td>199fc 34ft 34ft</td></tr> <tr><td>16ft</td><td>60fc 45ft 43ft</td></tr> <tr><td>20ft</td><td>39fc 56ft 56ft</td></tr> </tbody> </table> <p>■ Vert.Spread:60 ° ■ Horiz.Spread:60 °</p>	Center Beam fc	Beam Width	4ft	981fc 11ft 11ft	8ft	245fc 22ft 22ft	12ft	199fc 34ft 34ft	16ft	60fc 45ft 43ft	20ft	39fc 56ft 56ft	<table border="1"> <thead> <tr> <th>Center Beam fc</th> <th>Beam Width</th> </tr> </thead> <tbody> <tr><td>4ft</td><td>701fc 11ft 11ft</td></tr> <tr><td>8ft</td><td>175fc 22ft 22ft</td></tr> <tr><td>12ft</td><td>78fc 34ft 34ft</td></tr> <tr><td>16ft</td><td>43fc 45ft 43ft</td></tr> <tr><td>20ft</td><td>28fc 56ft 56ft</td></tr> </tbody> </table> <p>■ Vert.Spread:90 ° ■ Horiz.Spread:90 °</p>	Center Beam fc	Beam Width	4ft	701fc 11ft 11ft	8ft	175fc 22ft 22ft	12ft	78fc 34ft 34ft	16ft	43fc 45ft 43ft	20ft	28fc 56ft 56ft	<table border="1"> <thead> <tr> <th>Center Beam fc</th> <th>Beam Width</th> </tr> </thead> <tbody> <tr><td>4ft</td><td>901fc 11ft 11ft</td></tr> <tr><td>8ft</td><td>125fc 22ft 22ft</td></tr> <tr><td>12ft</td><td>56fc 34ft 34ft</td></tr> <tr><td>16ft</td><td>31fc 45ft 45ft</td></tr> <tr><td>20ft</td><td>20fc 56ft 56ft</td></tr> </tbody> </table> <p>■ Vert.Spread:120 ° ■ Horiz.Spread:120 °</p>	Center Beam fc	Beam Width	4ft	901fc 11ft 11ft	8ft	125fc 22ft 22ft	12ft	56fc 34ft 34ft	16ft	31fc 45ft 45ft	20ft	20fc 56ft 56ft
Center Beam fc	Beam Width																																																		
4ft	1324fc 11ft 31ft																																																		
8ft	330fc 22ft 22ft																																																		
12ft	147fc 34ft 34ft																																																		
16ft	51fc 45ft 43ft																																																		
20ft	63fc 56ft 56ft																																																		
Center Beam fc	Beam Width																																																		
4ft	981fc 11ft 11ft																																																		
8ft	245fc 22ft 22ft																																																		
12ft	199fc 34ft 34ft																																																		
16ft	60fc 45ft 43ft																																																		
20ft	39fc 56ft 56ft																																																		
Center Beam fc	Beam Width																																																		
4ft	701fc 11ft 11ft																																																		
8ft	175fc 22ft 22ft																																																		
12ft	78fc 34ft 34ft																																																		
16ft	43fc 45ft 43ft																																																		
20ft	28fc 56ft 56ft																																																		
Center Beam fc	Beam Width																																																		
4ft	901fc 11ft 11ft																																																		
8ft	125fc 22ft 22ft																																																		
12ft	56fc 34ft 34ft																																																		
16ft	31fc 45ft 45ft																																																		
20ft	20fc 56ft 56ft																																																		



Mounting

Option 1: Ceiling Mount

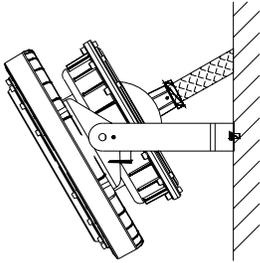


Included accessories
U-bracket



Supplied by others
Metal Conduit

Option 2: Wall Mount

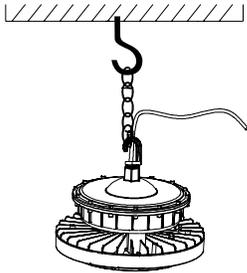


Included accessories
U-bracket



Supplied by others
Metal Conduit

Option 3: Hook Mount

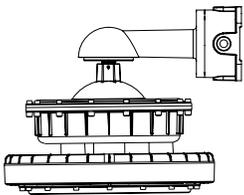


Optional accessories
HM - Hook

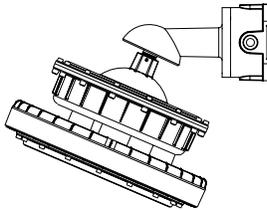


Optional accessories
SC - Safety Chain

Option 4: Wall Mount with Junction Box *20W - 80W ONLY*



90 Degree



25 Degree

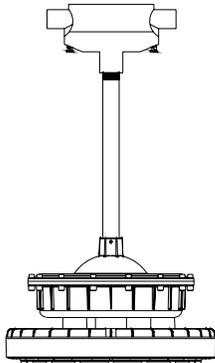


Optional accessories
WMA90JB
Wall Mount Arm 90°
Junction Box



Optional accessories
WMA25JB
Wall Mount Arm 25°
Junction Box

Option 5: Pendant Mount *20W - 80W ONLY*



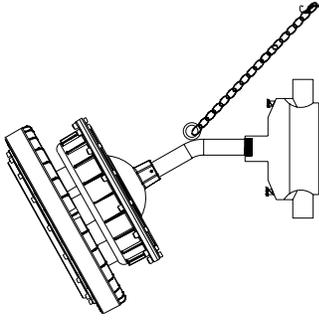
Optional accessories
JB - Junction Box



Optional accessories
PM12 - 12" Pendant



Option 6: Angled pendant Mount *20W - 80W ONLY*



Optional accessories
JB - Junction Box

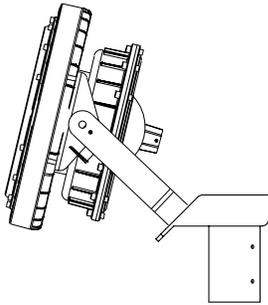


Optional accessories
PMB12 - 12" Bent
Pendant



Optional accessories
SC - Safety Chain

Option 7: Stanchion Mount (Slides over maximum 2.5" OD) *20W - 80W ONLY*



Optional accessories
SM - Stanchion Mount Kit

Cable Entries

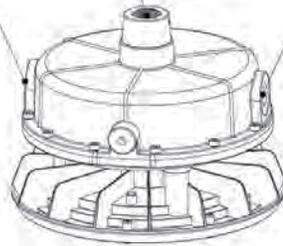
Compatible with NPT1 thread with an adapter

Top: 3/4 NPT (standard),
M25

Wire outlet

Wire outlet
Side: 3/4 NPT (standard),
M20, M25, 1/2NPT

Side: 3/4 NPT (standard),
M20, M25, 1/2NPT





Project Name	
Catalog #	
Job Type	
Prepared By	
Notes	

Fixture Ordering Information

Part #	Wattage	Lumens	Kelvin	Voltage	Distribution
LL-HBRUEP-20-50-UNV-GY	20	2800	5000	120-277V	120
LL-HBRUEP-20-40-UNV-GY	20	2660	4000	120-277	120
LL-HBRUEP-60-50-UNV-GY	60	8400	5000	120-277	120
LL-HBRUEP-60-40-UNV-GY	60	7980	4000	120-277	120
LL-HBRUEP-80-50-UNV-GY	80	11200	5000	120-277	120
LL-HBRUEP-80-40-UNV-GY	80	10640	4000	120-277	120
LL-HBRUEP-100-50-UNV-GY	100	14000	5000	120-277	120
LL-HBRUEP-100-40-UNV-GY	100	13300	4000	120-277	120
LL-HBRUEP-150-50-UNV-GY	150	21000	5000	120-277	120
LL-HBRUEP-150-40-UNV-GY	150	19950	4000	120-277	120
LL-HBRUEP-200-50-UNV-GY	200	28000	5000	120-277	120
LL-HBRUEP-200-40-UNV-GY	200	26600	4000	120-277	120
LL-HBRUEP-250-50-UNV-GY	250	35000	5000	120-277	120
LL-HBRUEP-250-40-UNV-GY	250	33250	4000	120-277	120
LL-HBRUEP-280-50-UNV-GY	280	39200	5000	120-277	120
LL-HBRUEP-280-40-UNV-GY	280	37240	4000	120-277	120

* Please contact LITELUME for all Custom Option Requests

Distribution Type Ordering Information (Standard:120°)

Part #	Description
40D	40°
60D	60°
90D	90°

* Please contact LITELUME for all Custom Option Requests

Accessories Ordering Information

Part #	Description
SUB "UNV" WITH "HV"	277-480 Volt
EM8X	Emergency Battery Back Up 8w Exclusive **120-277V ONLY** / **100W - 280W ONLY**
HM	HOOK Mount
WMA90JB	Wall Mount Arm 90° Junction Box *20W - 80W ONLY*
WMA25JB	Wall Mount Arm 25° Junction Box *20W - 80W ONLY*
JB	Junction Box
PM12	12" Pendant *20W - 80W ONLY*
PMB12	12" Bent Pendant *20W - 80W ONLY*
SC	Safety Chain
SM	Stanchion Mount Kit *20W - 80W ONLY*

* Please contact LITELUME for all Custom Option Requests