



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

Distribution:

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

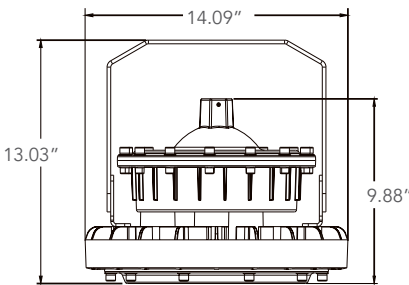
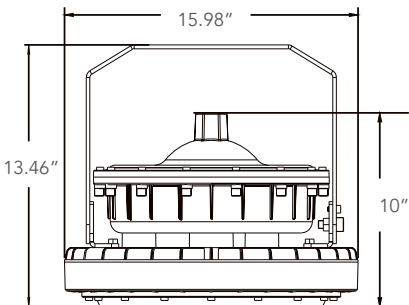
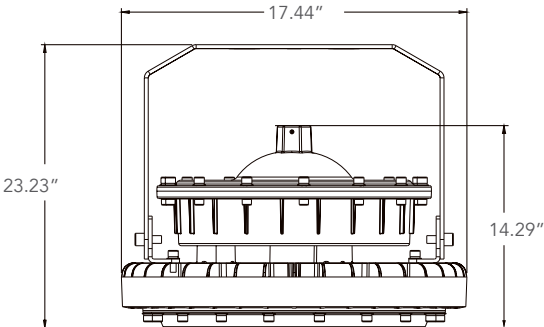
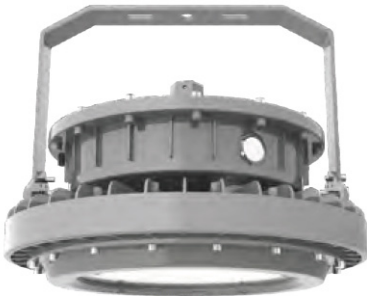
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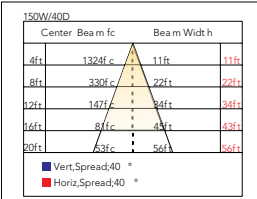
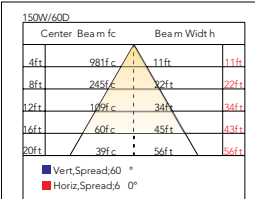
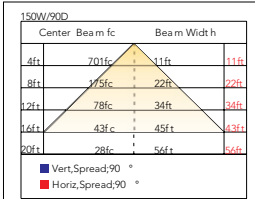
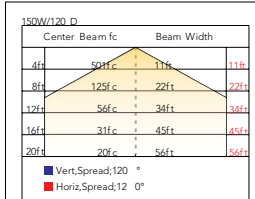


Dimension

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	
	

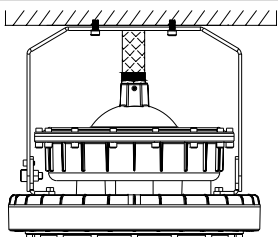
Photometrics

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°																																																																																
 150W/40D Center Beam fc Beam Width <table border="1"> <tr><td>4ft</td><td>1324fc</td><td>11ft</td><td>11ft</td></tr> <tr><td>8ft</td><td>330fc</td><td>22ft</td><td>22ft</td></tr> <tr><td>12ft</td><td>147fc</td><td>34ft</td><td>34ft</td></tr> <tr><td>16ft</td><td>81fc</td><td>45ft</td><td>45ft</td></tr> <tr><td>20ft</td><td>43fc</td><td>56ft</td><td>56ft</td></tr> </table> ■ Vert.Spread:40 ° ■ Horiz.Spread:40 °	4ft	1324fc	11ft	11ft	8ft	330fc	22ft	22ft	12ft	147fc	34ft	34ft	16ft	81fc	45ft	45ft	20ft	43fc	56ft	56ft	 150W/60D Center Beam fc Beam Width <table border="1"> <tr><td>4ft</td><td>981fc</td><td>11ft</td><td>11ft</td></tr> <tr><td>8ft</td><td>245fc</td><td>22ft</td><td>22ft</td></tr> <tr><td>12ft</td><td>109fc</td><td>34ft</td><td>34ft</td></tr> <tr><td>16ft</td><td>60fc</td><td>45ft</td><td>45ft</td></tr> <tr><td>20ft</td><td>32fc</td><td>56ft</td><td>56ft</td></tr> </table> ■ Vert.Spread:60 ° ■ Horiz.Spread:60 °	4ft	981fc	11ft	11ft	8ft	245fc	22ft	22ft	12ft	109fc	34ft	34ft	16ft	60fc	45ft	45ft	20ft	32fc	56ft	56ft	 150W/90D Center Beam fc Beam Width <table border="1"> <tr><td>4ft</td><td>701fc</td><td>11ft</td><td>11ft</td></tr> <tr><td>8ft</td><td>175fc</td><td>22ft</td><td>22ft</td></tr> <tr><td>12ft</td><td>78fc</td><td>34ft</td><td>34ft</td></tr> <tr><td>16ft</td><td>43fc</td><td>45ft</td><td>45ft</td></tr> <tr><td>20ft</td><td>28fc</td><td>56ft</td><td>56ft</td></tr> </table> ■ Vert.Spread:90 ° ■ Horiz.Spread:90 °	4ft	701fc	11ft	11ft	8ft	175fc	22ft	22ft	12ft	78fc	34ft	34ft	16ft	43fc	45ft	45ft	20ft	28fc	56ft	56ft	 150W/120D Center Beam fc Beam Width <table border="1"> <tr><td>4ft</td><td>501fc</td><td>11ft</td><td>11ft</td></tr> <tr><td>8ft</td><td>125fc</td><td>22ft</td><td>22ft</td></tr> <tr><td>12ft</td><td>56fc</td><td>34ft</td><td>34ft</td></tr> <tr><td>16ft</td><td>31fc</td><td>45ft</td><td>45ft</td></tr> <tr><td>20ft</td><td>20fc</td><td>56ft</td><td>56ft</td></tr> </table> ■ Vert.Spread:120 ° ■ Horiz.Spread:120 °	4ft	501fc	11ft	11ft	8ft	125fc	22ft	22ft	12ft	56fc	34ft	34ft	16ft	31fc	45ft	45ft	20ft	20fc	56ft	56ft
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Mounting

Option 1: Ceiling Mount

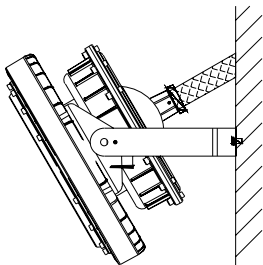


Included accessories
U-bracket



Supplied by others
Metal Conduit

Option 2: Wall Mount

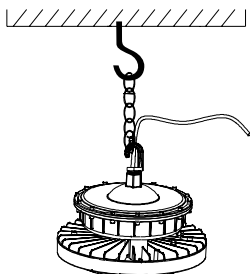


Included accessories
U-bracket



Supplied by others
Metal Conduit

Option 3: Hook Mount

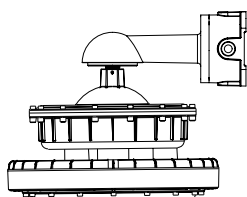


Optional accessories
HM - Hook

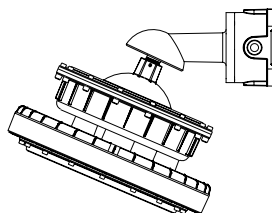


Optional accessories
SC - Safety Chain

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



90 Degree



25 Degree

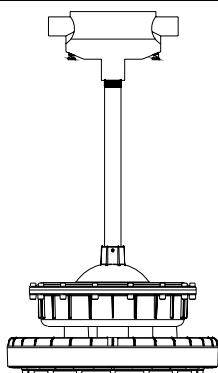


Optional accessories
WMA90JB
Wall Mount Arm 90°
Junction Box



Optional accessories
WMA25JB
Wall Mount Arm 25°
Junction Box

Option 5: Pendant Mount



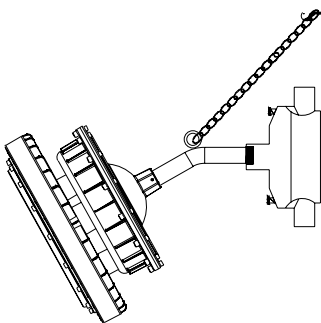
Optional accessories
JB - Junction Box



Optional accessories
PM12 - 12" Pendant



Option 6: Angled pendant Mount



Optional accessories
JB - Junction Box

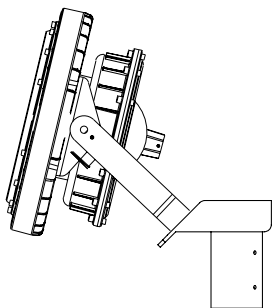


Optional accessories
PMB12 - 12" Bent
Pendant



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

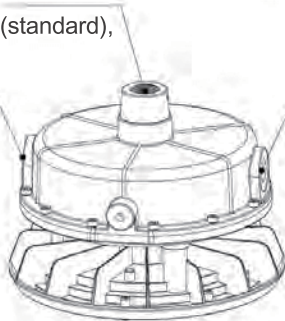
Compatible with NPT1 thread with an adapter

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
PMB12	12" Bent Pendant
SC	Safety Chain
SM	Stanchion Mount Kit *20W - 80W ONLY*

* Please contact LITELUME for all Custom Option Requests