



Bay Square *Explosion Proof*



Description

The Litelume Bay Square Explosion Proof (LL-BSEP) 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/40W/60W/80W/100W 150W/200W
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: Wall, Pendant or Stanchion
Lens:	Clear Tempered Glass
CRI:	80
Dimming:	Standard: 0-10V
Temperature:	20W - 150W: -40°F to 131°F 200W: -40°F to 113°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 28,000 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 UL844(North American)

Class I, Div. 1, Groups C, D
Class I, Div. 2, Groups A,B,C,D

Class II, Div. 1, Groups E,F,G

Class II, Div. 2, Groups F,G

Class III

Marine Marking

UL 1598A

ABS

Other Rating

IP 66

IK 10



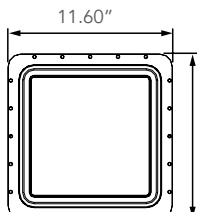
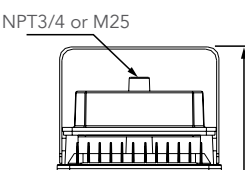
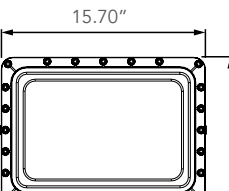
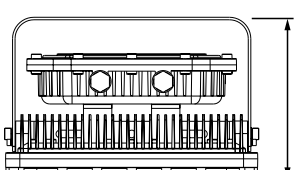
QuickShip Ordering Information

Part #
LL-BSEP-100-50-UNV-GY
LL-BSEP-150-50-UNV-GY



Dimension

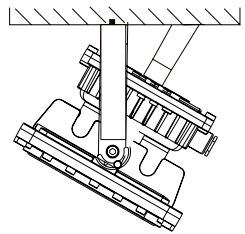
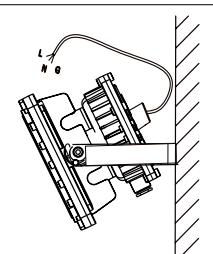
Item	Height	Width	Length
40W/60W/80W	9.57"	11.60"	11.60"
100W/150W/200W	9.96"	15.70"	11.20"

20W/40W/60W/80W	100W/150W/200W
 	 

Photometrics

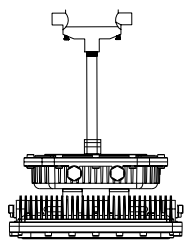
LL-BSEP-100-50-UNV-GY 40°	LL-BSEP-100-50-UNV-GY 60°	LL-BSEP-100-50-UNV-GY 90°	LL-BSEP-100-50-UNV-GY 120°																																																
180W/40D <table><thead><tr><th>Center Beam fc</th><th>Beam Width</th></tr></thead><tbody><tr><td>4ft 1537fc</td><td>10ft 11ft</td></tr><tr><td>8ft 397fc</td><td>20ft 21ft</td></tr><tr><td>12ft 178fc</td><td>30ft 32ft</td></tr><tr><td>16ft 98fc</td><td>39ft 42ft</td></tr><tr><td>20ft 63fc</td><td>49ft 53ft</td></tr></tbody></table> ■ Vert, Spread: 40° ■ Horiz, Spread: 40°	Center Beam fc	Beam Width	4ft 1537fc	10ft 11ft	8ft 397fc	20ft 21ft	12ft 178fc	30ft 32ft	16ft 98fc	39ft 42ft	20ft 63fc	49ft 53ft	180W/60D <table><thead><tr><th>Center Beam fc</th><th>Beam Width</th></tr></thead><tbody><tr><td>4ft 1139fc</td><td>10ft 11ft</td></tr><tr><td>8ft 284fc</td><td>20ft 21ft</td></tr><tr><td>12ft 127fc</td><td>30ft 32ft</td></tr><tr><td>16ft 70fc</td><td>39ft 42ft</td></tr><tr><td>20ft 45fc</td><td>49ft 53ft</td></tr></tbody></table> ■ Vert, Spread: 60° ■ Horiz, Spread: 60°	Center Beam fc	Beam Width	4ft 1139fc	10ft 11ft	8ft 284fc	20ft 21ft	12ft 127fc	30ft 32ft	16ft 70fc	39ft 42ft	20ft 45fc	49ft 53ft	180W/90D <table><thead><tr><th>Center Beam fc</th><th>Beam Width</th></tr></thead><tbody><tr><td>4ft 814fc</td><td>10ft 11ft</td></tr><tr><td>8ft 203fc</td><td>20ft 21ft</td></tr><tr><td>12ft 91fc</td><td>30ft 32ft</td></tr><tr><td>16ft 50fc</td><td>39ft 42ft</td></tr><tr><td>20ft 32fc</td><td>49ft 53ft</td></tr></tbody></table> ■ Vert, Spread: 90° ■ Horiz, Spread: 90°	Center Beam fc	Beam Width	4ft 814fc	10ft 11ft	8ft 203fc	20ft 21ft	12ft 91fc	30ft 32ft	16ft 50fc	39ft 42ft	20ft 32fc	49ft 53ft	180W/120D <table><thead><tr><th>Center Beam fc</th><th>Beam Width</th></tr></thead><tbody><tr><td>4ft 582fc</td><td>10ft 11ft</td></tr><tr><td>8ft 145fc</td><td>20ft 21ft</td></tr><tr><td>12ft 65fc</td><td>30ft 32ft</td></tr><tr><td>16ft 36fc</td><td>39ft 42ft</td></tr><tr><td>20ft 23fc</td><td>49ft 53ft</td></tr></tbody></table> ■ Vert, Spread: 120° ■ Horiz, Spread: 120°	Center Beam fc	Beam Width	4ft 582fc	10ft 11ft	8ft 145fc	20ft 21ft	12ft 65fc	30ft 32ft	16ft 36fc	39ft 42ft	20ft 23fc	49ft 53ft
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Mounting

Option 1: Ceiling Mount *20W - 80W*	
	 Included accessories U-bracket
Option 2: Wall Mount *20W - 80W*	
	 Included accessories U-bracket



Option 3: Pendant Mount

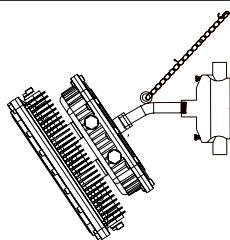


Optional accessories
JB - Junction Box



Optional accessories
PM12 - 12" Pendant

Option 4: Angled pendant Mount



Optional accessories
JB - Junction Box

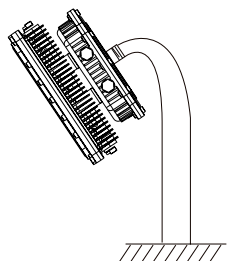


Optional accessories
PMB12 - 12" Bent
Pendant

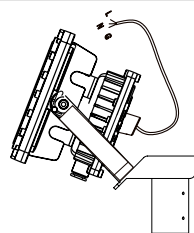


Optional accessories
SC - Safety Chain

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

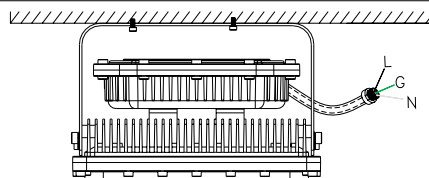


Option 6: Stanchion Mount (Slides over maximum 2.5" OD) *20W - 80W ONLY*



Optional accessories
SM - Stanchion Mount Kit

Option 7: Ceiling Mount *100-200W*



Included accessories
U-bracket



Project Name	
Catalog #	
Job Type	
Prepared By	
Notes	

Fixture Ordering Information

Part #	Wattage	Lumens	Kelvin	Voltage	Distribution
LL-BSEP-20-50-UNV-GY	20	2800	5000	120-277V	120
LL-BSEP-20-40-UNV-GY	20	2660	4000	120-277	120
LL-BSEP-40-50-UNV-GY	40	5600	5000	120-277	120
LL-BSEP-40-40-UNV-GY	40	5320	4000	120-277	120
LL-BSEP-60-50-UNV-GY	60	8400	5000	120-277	120
LL-BSEP-60-40-UNV-GY	60	7980	4000	120-277	120
LL-BSEP-80-50-UNV-GY	80	11200	5000	120-277	120
LL-BSEP-80-40-UNV-GY	80	10640	4000	120-277	120
LL-BSEP-100-50-UNV-GY	100	14000	5000	120-277	120
LL-BSEP-100-40-UNV-GY	100	13300	4000	120-277	120
LL-BSEP-150-50-UNV-GY	150	21000	5000	120-277	120
LL-BSEP-150-40-UNV-GY	150	19950	4000	120-277	120
LL-BSEP-200-50-UNV-GY	200	28000	5000	120-277	120
LL-BSEP-200-40-UNV-GY	200	26600	4000	120-277	120

* Please contact LITELUME for all Custom Option Requests

QuickShip Ordering Information

Part #
LL-BSEP-100-50-UNV-GY
LL-BSEP-150-50-UNV-GY

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**
JB	Junction Box
PM12	12" Pendant
PMB12	12" Bent Pendant
SC	Safety Chain
SM	Stanchion Mount Kit *20W - 80W Only*

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