



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) *20W - 80W ONLY
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

Distriution:

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



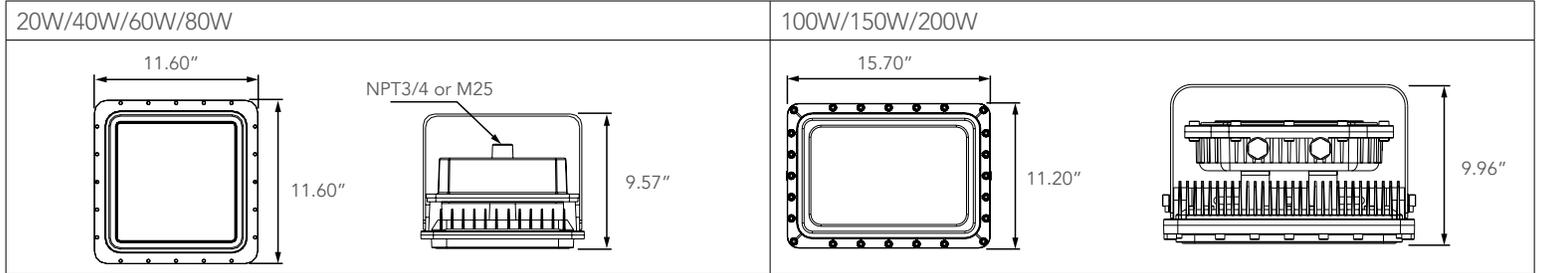
QuickShip Ordering Information

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"



Photometrics

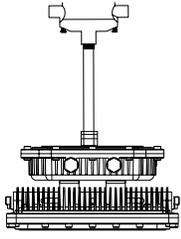
LL-BSEP-100-50-UNV-GY 40°	LL-BSEP-100-50-UNV-GY 60°	LL-BSEP-100-50-UNV-GY 90°	LL-BSEP-100-50-UNV-GY 120°																																																
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Mounting

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



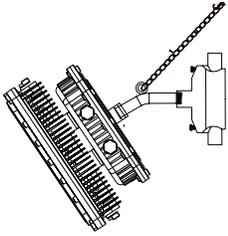
Option 3: Pendant Mount *20W - 80W ONLY*



Optional accessories
JB - Junction Box

Optional accessories
PM12 - 12" Pendant

Option 4: Angled pendant Mount *20W - 80W ONLY*

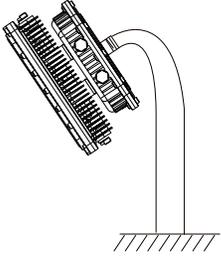


Optional accessories
JB - Junction Box

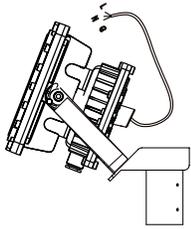
Optional accessories
PMB12 - 12" Bent
Pendant

Optional accessories
SC - Safety Chain

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

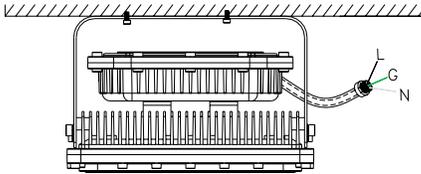


Option 6: Stanchion Mount (Slides over maximum 2.5" OD) *20W - 80W ONLY*



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°

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

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