



# 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
Mounting:	Standard: Ceiling, Wall, or Surface Mount U Bracket. Accepts NPT3/4 or M25. Optional: Hook, Pendant; Please see accessories for ordering instructions.
Lens:	Clear Tempered Glass
CRI:	80
Temperature:	-25°C to +50°C
Voltage:	Standard: 120-277V Optional: 200-480V
Power Factor:	>.90
Surge Protector:	6 kVA
Warranty:	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 & Philips Lumileds 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

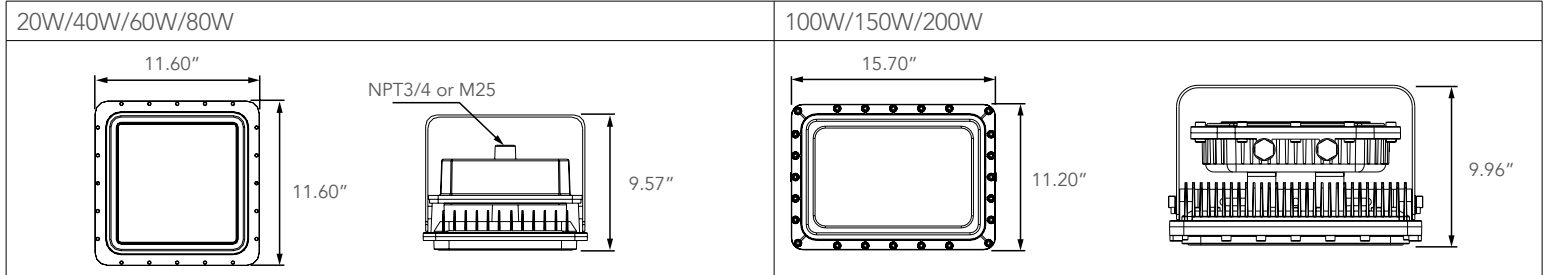
Part #
LL-BSEP-100-50-UNV-GY
LL-BSEP-150-50-UNV-GY





## 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°																																																
<p>180W/40D</p> <table border="1"> <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> <p>■ Vert. Spread: 40° ■ Horiz. Spread: 40°</p>	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	<p>180W/60D</p> <table border="1"> <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 46fc</td> <td>49ft 53ft</td> </tr> </tbody> </table> <p>■ Vert. Spread: 60° ■ Horiz. Spread: 60°</p>	Center Beam fc	Beam Width	4ft 1139fc	10ft 11ft	8ft 284fc	20ft 21ft	12ft 127fc	30ft 32ft	16ft 70fc	39ft 42ft	20ft 46fc	49ft 53ft	<p>180W/90D</p> <table border="1"> <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> <p>■ Vert. Spread: 90° ■ Horiz. Spread: 90°</p>	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	<p>180W/120D</p> <table border="1"> <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> <p>■ Vert. Spread: 120° ■ Horiz. Spread: 120°</p>	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

Shown with PM12 (12" PENDANT) + JB (JUNCTION BOX)	PMB12 - 12" BENT PENDANT	HM - HOOK MOUNT
JB - JUNCTION BOX	PM12 - 12" PENDANT	JB - JUNCTION BOX



<b>Project Name</b>	
<b>Catalog #</b>	
<b>Job Type</b>	
<b>Prepared By</b>	
<b>Notes</b>	

### 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

<b>Part #</b>
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"	200-480 Volt
HM	Hook Mount
PM12	12" Pendant <b>*20W/40W/60W/80W Only*</b>
PMB12	12" Bent Pendant <b>*20W/40W/60W/80W Only*</b>
JB	Junction Box
SC	Safety Chain

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