



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
Dimming:	Standard: 0-10V
Temperature:	-25°C to +50°C
Voltage:	Standard: 120-277V Optional: 277-480V
Power Factor:	>.90
Surge Protector:	6 kVA
Warranty:	10-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

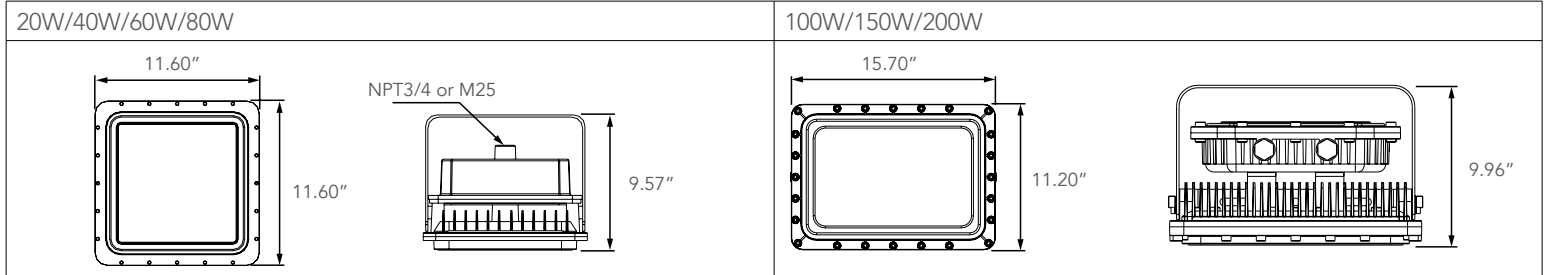
Part #
LL-BSEP-100-50-UNV-GY
LL-BSEP-150-50-UNV-GY





Dimension

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



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</td><td>1537fc 10ft 11ft</td></tr> <tr><td>8ft</td><td>397fc 20ft 21ft</td></tr> <tr><td>12ft</td><td>178fc 30ft 32ft</td></tr> <tr><td>16ft</td><td>98fc 39ft 42ft</td></tr> <tr><td>20ft</td><td>63fc 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</td><td>1139fc 10ft 11ft</td></tr> <tr><td>8ft</td><td>284fc 20ft 21ft</td></tr> <tr><td>12ft</td><td>127fc 30ft 32ft</td></tr> <tr><td>16ft</td><td>70fc 39ft 42ft</td></tr> <tr><td>20ft</td><td>45fc 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	45fc 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</td><td>814fc 10ft 11ft</td></tr> <tr><td>8ft</td><td>203fc 20ft 21ft</td></tr> <tr><td>12ft</td><td>91fc 30ft 32ft</td></tr> <tr><td>16ft</td><td>50fc 39ft 42ft</td></tr> <tr><td>20ft</td><td>32fc 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</td><td>582fc 10ft 11ft</td></tr> <tr><td>8ft</td><td>145fc 20ft 21ft</td></tr> <tr><td>12ft</td><td>65fc 30ft 32ft</td></tr> <tr><td>16ft</td><td>36fc 39ft 42ft</td></tr> <tr><td>20ft</td><td>23fc 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



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
EM15X	Emergency Battery Back Up 15W Exclusive **120-277V ONLY** / **100W - 200W ONLY**
HM	Hook Mount
PM12	12" Pendant *20W/40W/60W/80W Only*
PMB12	12" Bent Pendant *20W/40W/60W/80W Only*
JB	Junction Box
SC	Safety Chain

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