

Baymaster™ LED Luminaire

High Bay for Hazardous Locations

NEC/CEC:

cCSAus
Class I, Division 2, Group A, B, C, D
Class I, Zone 2, Group IIC
Class II, Division 1&2, Group E, F, G
Class III

NEC/CEC:

Zone 20 and 21 Group IIIC
Zone 22 Group IIIB
Simultaneous Exposure
Marine Outside Type (Salt Water)
for USA Only

NEC/CEC:

Wet Locations
Type 3R, 4 and 4X
IP66/67

ATEX/IECEX:

Zone 2 and 22
IP66
II 3GD
IK10
Ex ec IIC T5

Applications

- Enclosed and gasketed fixtures suitable for use in:
 - A wide range of industrial, chemical processing and other areas where flammable gases and vapors are present, for example;
 - Oil and Gas Refineries
 - Petrochemical Plants
 - Foundries
 - Drilling Rigs
 - Pulp and Paper Mills
 - Food and Beverage Processing Facilities
 - Loading Docks
 - Power Plants
 - Water and Wastewater Treatment Facilities
 - Other areas where corrosive, wet, dirty and tough environments are a problem.

Features

- Three lumen outputs provide up to 19,500 lumens.

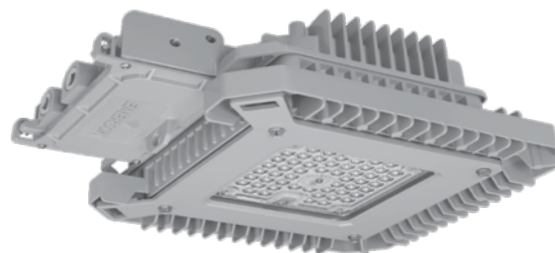
Nominal Lumens ①	Wattage (W)	Efficacy (lpw)	HID Equivalent	Model Number
9,500	70	136	175W-250W	BLLL6/BLLPL6
15,000	110	136	250W-400W	BLLL7/BLLPL7
19,500	150	130	400W-750W	BLLL8/BLLPL8

① Nominal lumen value for 5000K, detailed lumen information provided in tables.

- Choice of optics for optimal light distribution in a variety of applications.
- Unique quick mount pendant system allows for easy prewiring without supporting the High Bay in place. Quick mount adapter hood includes one ¾" NPT entry.
- Alternate mounting system allows for "Y" cable mount and easy wiring via a separate field wiring compartment with a screw terminal block (can accept UL/CSA 26-10AWG).
- Two ¾" NPT entries provided. (Two close up plugs provided when quick mount pendant system is ordered).
- One ½" NPT close up plug provided on quickmount model for use with accessory drain assembly.
- Choice of color temperature (CCT); 5000K cool white or 3000K warm white.
- Rugged and compact housing with superior thermal design translates to long luminaire life.
- Ambient Temperature: -40 °C to +65 °C (-40 °F to +149 °F)
- Heavy duty, high temperature silicone rubber gaskets.
- Thermal shock and impact resistant clear or frosted glass lens.
- Choice of Input Voltages:
 - 120-277 Vac 50/60 Hz, 170-300 Vdc
 - 347-480 Vac 50/60 Hz
- Standard 6kV surge protection.
- Captive fasteners secure one piece lens.
- Field replaceable LED driver and lens cover.

Options

- Improved safety cable design with multiple retention points, purchase separately
- Guard available, purchase separately
- 10kV Surge Protection
- Y mount cable assembly, purchase separately
- Drain assembly, purchase separately



High Bay

Standard Materials

- Housing and lens door: copperfree (4/10 of 1% max.) aluminum
- Gaskets: silicone rubber
- Quick mount hood and body: copperfree (4/10 of 1% max.) aluminum
- Exterior hardware: stainless steel
- Close up plugs: (two ¾", one ½") aluminum provided for quick mount, (one ¾") aluminum provided otherwise
- Guard and safety cable: stainless steel

Standard Finishes

- Housing, lens cover, quick mount body and hood; baked gray epoxy powder coat finish, electrostatically applied for complete uniform protection

Related Products

- See Baymaster™ HL LED for Class I, Division 2 hazardous locations requiring higher lumen outputs of 24K, 30K and 38K
- See Industrial Baymaster™ LED for locations requiring lumen outputs of 9.5K, 15K and 19.5K
- See Industrial Baymaster™ HL LED for locations requiring higher lumen outputs of 24K, 30K and 38K

LED/HIGH BAY: NEC/CEC ENCLOSED AND GASKETED

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NEC/CEC Certifications and Compliances

- UL Standards:
 - UL 844 Hazardous Locations Luminaire and Luminaire Fittings
 - UL1598, Luminaires
 - UL1598A, Luminaires for Installation on Marine Vessels
 - UL 8750 LED Equipment for Use in Lighting Products
 - UL50/UL50E Enclosures for Electrical Equipment, Environmental Considerations
- CSA Standards:
 - C22.2 No. 137 Luminaires for Use in Hazardous Locations
 - C22.2 No. 250.0, Luminaires
 - C22.2 No. 250.13 Light Emitting Diode (LED) Equipment for use in Lighting Applications
 - C22.2 No. 60079-0 Explosive Atmospheres – Part 0
 - C22.2 No. 94.1 Enclosures for Electrical Equipment, Non-Environmental Considerations
- cCSAus: 164460, Certificate Number: 70073611

ATEX/IECEx Certifications and Compliances

- Certification Type: Baymaster LED
 - Gas: Zone 2
 - Conforming to ATEX 2014/34/EU: II 3 G
 - Type of Protection: Ex ec IIC Gc
 - Temperature Class: T5 to T3
 - Dust: Zone 22
 - Conforming to ATEX 2014/34/EU: II 3 D
 - Type of Protection: Ex tc IIIC Dc
 - Surface Temperature: +85 °C to +100 °C (+185 °F to +212 °F)
- Ambient Temperature: -40 °C up to +65 °C (-40 °F up to +268 °F)
- ATEX Certificate: SIRA 17ATEX3241
- IECEx Certificate: IECEx SIR 17.0079
- Index of Protection according EN/IEC 60529: IP66
- Impact Resistance (shock): IK10
- Photobiological Safety, IEC 62778 and IEC 62471: RG0

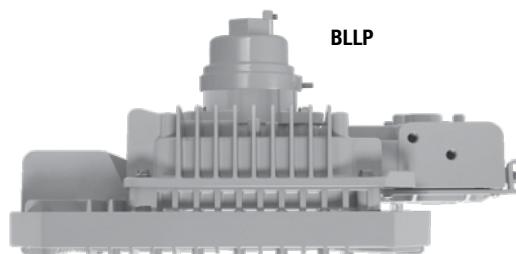
DesignLights™ Consortium (for the following models)

- All models pending.

BLL



BLLP



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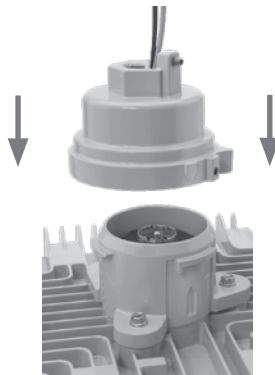
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Illustrated Features



Quick Mount Pendant System

Appleton's patented quick mount pendant system allows for easy prewiring of a hood for quick, one person fixture installation. Simply align the arrows, push up, and rotate the luminaire a quarter turn until it locks into place. Specify quick mount pendant with a "P" in the fifth digit of the part number.



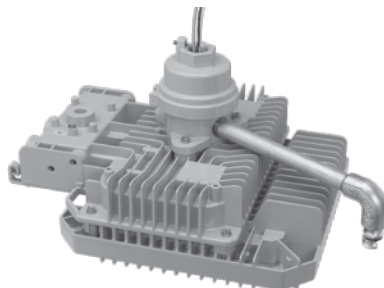
Cable Mount Option

The Baymaster High Bay can also be mounted with two Y style aircraft cables with spring clips, secured to eye bolts on the luminaire housing. Non quick mount models can be cable mounted and are wired through the 3/4" NPT entries in the wire box.



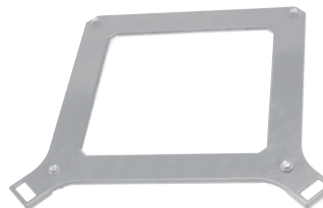
Driver Assembly

Replaceable drivers are waterproof (IP67) and offer standard 6kV surge protection and over temperature protection.



Optional Drain Assembly

Includes 9" long, 1/2" trade size conduit nipple, elbow and drain.



Replaceable Cover Assembly

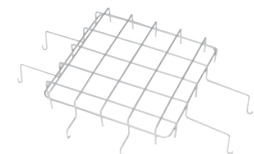
The replaceable cover assembly is available with clear or frosted glass.



Optional Fusing *

Luminaire can be ordered with optional fusing. Fusing is not field installable.

* Use of fuse voids marine rating.



Optional Wire Guard

Stainless steel wire guard can be used for additional protection.

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Order using catalog numbering guides below or select catalog number from tables on following pages.

BLL	P	L7	C	G	M	N	BU	S
Series: BLL: Baymaster LED Series	Mounting: P - Quick Mount Pendant Blank - No Quick Mount	Lumen Level: L6 - 9K L7 - 15K L8 - 19K	Color Temp CCT: C - 5000K W - 3000K ②	Diffusion: G - Clear Glass F - Frosted Glass ③ D - Diffused Polycarbonate ⑧	M - Medium W - Wide A - Aisle	N - None	Voltage: BU = 120V-277 Vac 50/60 Hz, 170-300Vdc BH = 347-480 Vac 50/60 Hz ⑥	F - Fusing ④ S - 10kV Surge Protection ⑦

Lumen Output Tables ⑤:

Lumen Output for Clear Glass Lens			
	BLLL6/BLLPL6	BLLL7/BLLPL7	BLLL8/BLLPL8
Type V Medium (Non Optic), 5000K CCT, CRI 70	9800	15400	20100
Type V Wide 3000K CCT, CRI 80	7500	11400	14700
Type V Wide 5000K CCT, CRI 70	8700	13600	17700
Type I Aisle 3000K CCT, CRI 80	8400	12600	16400
Type I Aisle 5000K CCT, CRI 70	9700	15200	19800

Lumen Output for Frosted Glass Lens			
	BLLL6/BLLPL6	BLLL7/BLLPL7	BLLL8/BLLPL8
Type V (Non Optic), 5000K CCT, CRI 70	8200	13000	16700

- ① Quick mount pendant includes pre wired, factory installed, quick mount pendant body and hood. No quick mount models are wired through the ¾" NPT entries and a provided screw terminal block in the wiring compartment.
- ② 3000K CCT (Warm) is only available with Type V Wide or Type I Aisle light patterns
- ③ Frosted Glass is only available with Type V Medium light pattern
- ④ Use of fuse voids Marine rating. Fusing available for NEC/CEC only.
- ⑤ All lumen values are typical (tolerance +/-10%).
- ⑥ BH voltage available for NEC/CEC only.
- ⑦ 10 KV Surge Protection available for NEC/CEC only.
- ⑧ Diffused polycarbonate available for NEC/CEC only.

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Electrical Ratings ①

Model Number	Voltage Suffix	Voltage (V)	Input Power (Watts)	Input Current (Amps)	Power Factor (PF)	Total Harmonic Distortion (THD)
BLLL6 BLLPL6	BU	120 Vac	73	0.62	>.9	<20%
		277 Vac	71	0.27		
		170 Vdc	69	0.41		
		300 Vdc	68	0.23		
	BH	347 Vac	71	0.21	>.9	<20%
		480 Vac	71	0.16		
BLLL7 BLLPL7	BU	120 Vac	111	0.94	>.9	<20%
		277 Vac	106	0.43		
		170 Vdc	113	0.67		
		300 Vdc	111	0.37		
	BH	347 Vac	115	0.33	>.9	<20%
		480 Vac	115	0.25		
BLLL8 BLLPL8	BU	120 Vac	154	1.30	>.9	<20%
		277 Vac	146	0.56		
		170 Vdc	156	0.92		
		300 Vdc	152	0.51		
	BH	347 Vac	150	0.43	>.9	<20%
		480 Vac	149	0.32		

Technical Data

Line Voltage	Max Ambient Temperature °C (°F)	Min Supply Wire °C (°F)	Class I, Division 2 Groups A, B, C & D	Class I, Zone 2, Group IIC	Class II, Division 1, Groups E, F & G	Zone 20, Group IIIC	Class I, Division 2 & Class II, Division 1	Model Number
120-277 Vac/ 170-300Vdc	40 (104)	90 (194)	T5	T5	T6	T6	T4A	BLLL6/BLLPL6
	55 (131)		T4A	T4	T6	T6	T4A	
	65 (149)		T4A	T4	T6	T6	T4	
347-480 Vac	40 (104)	90 (194)	T5	T5	T6	T6	T4A	BLLL7/BLLPL7
	55 (131)		T4A	T4	T6	T6	T4A	
	65 (149)		T4A	T4	T6	T6	T4	
120-277 Vac/ 170-300Vdc	40 (104)	90 (194)	T4	T4	T6	T6	T4	BLLL8/BLLPL8
	55 (131)		T3C	T3	T6	T6	T3C	
	65 (149)		T3C	T3	T5	T5	T3C	
347-480 Vac	40 (104)	90 (194)	T4	T4	T6	T6	T4	BLLL8/BLLPL8
	55 (131)		T3C	T3	T6	T6	T3C	
	65 (149)		T3C	T3	T5	T5	T3C	
120-277 Vac/ 170-300Vdc	40 (104)	90 (194)	T3C	T3	T6	T6	T3C	BLLL8/BLLPL8
	55 (131)		T3B	T3	T5	T5	T3A	
	65 (149)		T3A	T3	T5	T5	T3A	
347-480 Vac	40 (104)	90 (194)	T3C	T3	T6	T6	T3C	BLLL8/BLLPL8
	55 (131)		T3B	T3	T5	T5	T3A	
	65 (149)		T3A	T3	T5	T5	T3A	

Surge Protection: Integral 6KV surge protection. Option for up to 10KV surge protection. (cCSAus only).

① All ratings are typical.

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CCT	Lumen Output	Wattage	Efficacy (lm/W)	Optical Pattern	Catalog Number ①
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Clear Glass With Quick Mount Pendant System

120-277 Vac/170-300 Vdc

5000K (cool white)	9800	70	140	Type V Medium (120° beam angle)	BLLPL6CGMNB
5000K (cool white)	8700	70	124	Type V Wide (140° beam angle)	BLLPL6CGWNB
5000K (cool white)	9700	70	139	Type I (Aisle)	BLLPL6CGANB
3000K (warm white)	7500	70	107	Type V Wide (140° beam angle)	BLLPL6WGWNB
3000K (warm white)	8400	70	120	Type I (Aisle)	BLLPL6WGANB
5000K (cool white)	15400	111	139	Type V Medium (120° beam angle)	BLLPL7CGMNB
5000K (cool white)	13600	111	123	Type V Wide (140° beam angle)	BLLPL7CGWNB
5000K (cool white)	15200	111	137	Type I (Aisle)	BLLPL7CGANB
3000K (warm white)	11400	111	103	Type V Wide (140° beam angle)	BLLPL7WGWNB
3000K (warm white)	12600	111	114	Type I (Aisle)	BLLPL7WGANB
5000K (cool white)	20100	155	130	Type V Medium (120° beam angle)	BLLPL8CGMNB
5000K (cool white)	17700	155	114	Type V Wide (140° beam angle)	BLLPL8CGWNB
5000K (cool white)	19800	155	128	Type I (Aisle)	BLLPL8CGANB
3000K (warm white)	14700	155	95	Type V Wide (140° beam angle)	BLLPL8WGWNB
3000K (warm white)	16400	155	106	Type I (Aisle)	BLLPL8WGANB

347-480 Vac

5000K (cool white)	9800	70	140	Type V Medium (120° beam angle)	BLLPL6CGMNBH
5000K (cool white)	8700	70	124	Type V Wide (140° beam angle)	BLLPL6CGWNBH
5000K (cool white)	9700	70	139	Type I (Aisle)	BLLPL6CGANBH
3000K (warm white)	7500	70	107	Type V Wide (140° beam angle)	BLLPL6WGWNBH
3000K (warm white)	8400	70	120	Type I (Aisle)	BLLPL6WGANBH
5000K (cool white)	15400	111	139	Type V Medium (120° beam angle)	BLLPL7CGMNBH
5000K (cool white)	13600	111	123	Type V Wide (140° beam angle)	BLLPL7CGWNBH
5000K (cool white)	15200	111	137	Type I (Aisle)	BLLPL7CGANBH
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3000K (warm white)	14700	155	95	Type V Wide (140° beam angle)	BLLPL8WGWNBH
3000K (warm white)	16400	155	106	Type I (Aisle)	BLLPL8WGANBH

Frosted Glass With Quick Mount Pendant System

120-277 Vac/170-300 Vdc

5000K (cool white)	8200	70	117	Type V Medium (120° beam angle)	BLLPL6CFMNB
5000K (cool white)	13000	111	117	Type V Medium (120° beam angle)	BLLPL7CFMNB
5000K (cool white)	16700	158	106	Type V Medium (120° beam angle)	BLLPL8CFMNB

347-480 Vac

5000K (cool white)	8200	71	115	Type V Medium (120° beam angle)	BLLPL6CFMNBH
5000K (cool white)	13000	115	113	Type V Medium (120° beam angle)	BLLPL7CFMNBH
5000K (cool white)	16700	157	106	Type V Medium (120° beam angle)	BLLPL8CFMNBH

① For Fusing option, add suffix **F** to end of part number, example BLLPL6CGANBU**F**.
For 10KV surge protection, add suffix **S** to end of part number, example BLLPL7CGMNBUS.
For both Fusing and 10KV surge, add suffix **FS** to end of part number, example BLLPL8WGANBU**FS**.

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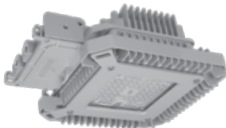
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	120-277 Vac/170-300 Vdc					
	5000K (cool white)	9800	70	140	Type V Medium (120° beam angle)	BLLL6CGMNBUB
	5000K (cool white)	8700	70	124	Type V Wide (140° beam angle)	BLLL6CGWNBUB
	5000K (cool white)	9700	70	139	Type I (Aisle)	BLLL6CGANBUB
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NEC/CEC:

cSAus
Class I, Division 2, Group A, B, C, D
Class I, Zone 2, Group IIC
Class II, Division 1&2, Group E, F, G
Class III

NEC/CEC:

Zone 20 and 21 Group IIIC
Zone 22 Group IIIB
Simultaneous Exposure
Marine Outside Type (Salt Water)
for USA Only

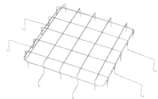
NEC/CEC:

Wet Locations
Type 3R, 4 and 4X
IP66/67

ATEX/IECEX:

Zone 2 and 22
IP66
II 3GD
IK10
Ex ec IIC T5

Accessories and Replacement Parts

	Description	Catalog Number
Wire Guard		
	Stainless steel.	LGGUARD
Safety Cable		
	Stainless steel.	LEDSC
Drain		
	9" long, 1/2" trade size drain assembly for use with quick mount pendant hood.	LEDDR9
Y Mounting Cable		
	1.5 M (5 ft.) cable mount - stainless steel. Includes two (5 ft.) Y cables with spring clips and four eye bolts.	LEDC5
Safety Support Hooks		
	3/4" malleable iron hook and loop	EFHM-75
Replacement Covers		
	Clear replacement cover	BLLCLEAR
	Frosted replacement cover	BLLFROST

LED/HIGH BAY- NEC/CEC ENCLOSED AND GASKETED

APPLETON™

Baymaster™ LED Luminaire

High Bay for Hazardous Locations

NEC/CEC:

cCSAus
Class I, Division 2, Group A, B, C, D
Class I, Zone 2, Group IIC
Class II, Division 1&2, Group E, F, G
Class III

NEC/CEC:

Zone 20 and 21 Group IIIC
Zone 22 Group IIIB
Simultaneous Exposure
Marine Outside Type (Salt Water)
for USA Only

NEC/CEC:

Wet Locations
Type 3R, 4 and 4X
IP66/67

ATEX/IECE:

Zone 2 and 22
IP66
II 3GD
IK10
Ex ec IIC T5

Replacement Drivers

	Voltage	Driver Wattage	Constant Current Setting	Luminaire Model	CCT	Catalog Number
	BU	100 watt	410mA	BLLL6C/ BLLPL6C BLLL6W/ BLLPL6W	5000K and 3000K	APMS100C105UD41
	BH					APMS100C105HD41
	BU	150 watt	650mA	BLLL7W/ BLLPL7W	3000K	APMS150C105UD65
	BH					APMS150C105HD65
	BU	150 watt	680mA	BLLL7C/ BLLPL7C	5000K	APMS150C105UD68
	BH					APMS150C105HD68
	BU	150 watt	890mA	BLLL8W/ BLLPL8W	3000K	APMS150C105UD89
	BH					APMS150C105HD89
	BU	150 watt	930mA	BLLL8C/ BLLPL8C	5000K	APMS150C105HD93
	BH					APMS150C105HD93

Baymaster Accessory Weights

Description	Weight in kg (lbs)
BLLL6/BLLPL6, BLLL7/BLLPL7, BLLL8/BLLPL8 Luminaires	9.8 (21.6)
Quick Mount Hood	0.4 (0.9)
Guard	0.2 (0.4)
Safety Cable	0.2 (0.4)
Drain	0.5 (1.2)
Y Cable Mount	0.5 (1.2)

LED/HIGH BAY: NEC/CEC ENCLOSED AND GASKETED

APPLETON™

Baymaster™ LED Luminaire

High Bay for Hazardous Locations

NEC/CEC:

cCSAus
Class I, Division 2, Group A, B, C, D
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Class III

NEC/CEC:

Zone 20 and 21 Group IIIC
Zone 22 Group IIIB
Simultaneous Exposure
Marine Outside Type (Salt Water)
for USA Only

NEC/CEC:

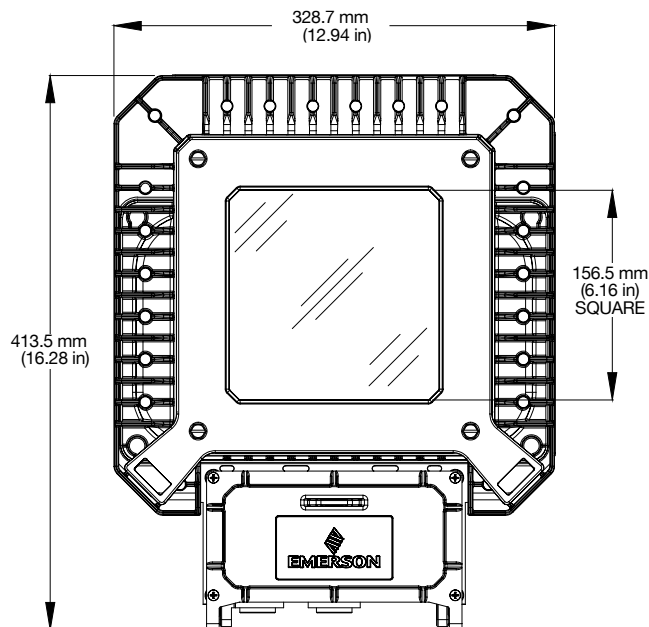
Wet Locations
Type 3R, 4 and 4X
IP66/67

ATEX/IECEX:

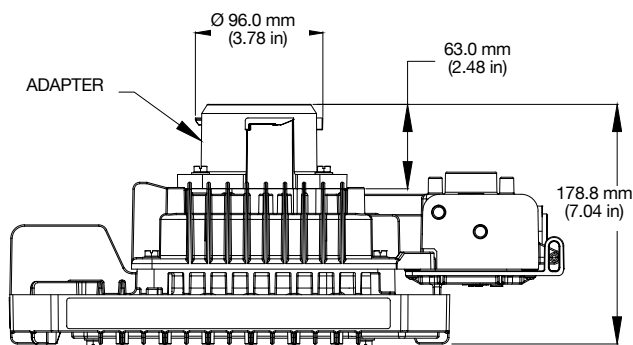
Zone 2 and 22
IP66
II 3GD
IK10
Ex ec IIC T5

Dimensions in Millimeters (Inches)

High Bay – With Quick Mount Pendant System

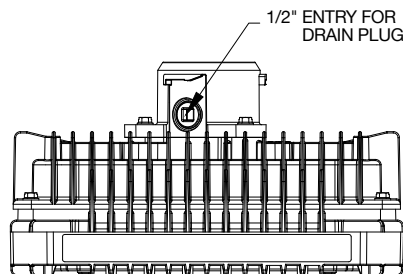
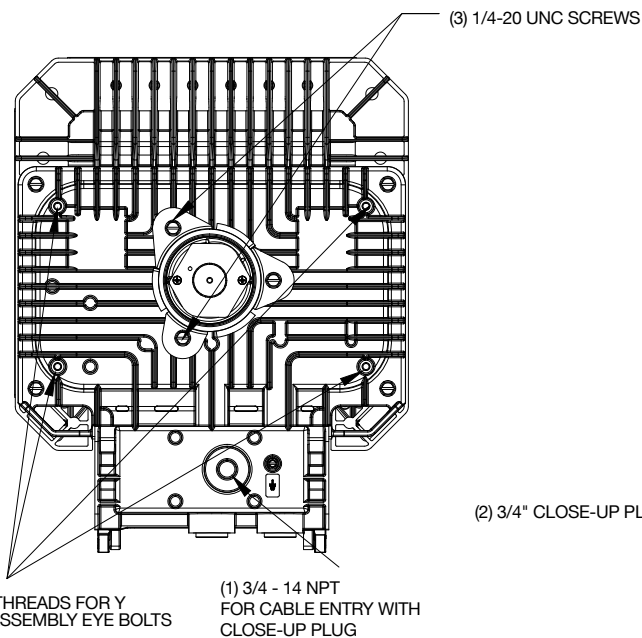


BLLP Models



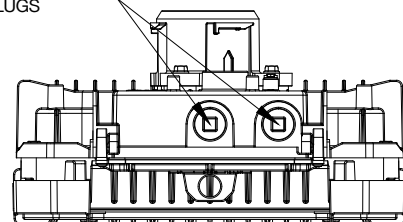
LED/HIGH BAY: NEC/CEC ENCLOSED AND GASKETED

APPLETON™



BLLP Models

(2) 3/4\"/>



Baymaster™ LED Luminaire

High Bay for Hazardous Locations

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cSAus
Class I, Division 2, Group A, B, C, D
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Class III

NEC/CEC:

Zone 20 and 21 Group IIIC
Zone 22 Group IIIB
Simultaneous Exposure
Marine Outside Type (Salt Water)
for USA Only

NEC/CEC:

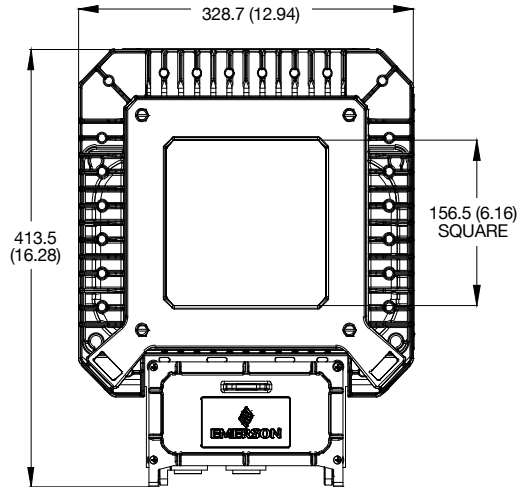
Wet Locations
Type 3R, 4 and 4X
IP66/67

ATEX/IECEX:

Zone 2 and 22
IP66
II 3GD
IK10
Ex ec IIC T5

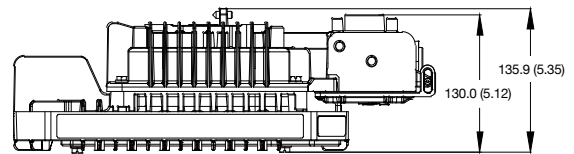
Dimensions in Millimeters (Inches)

High Bay – No Mount

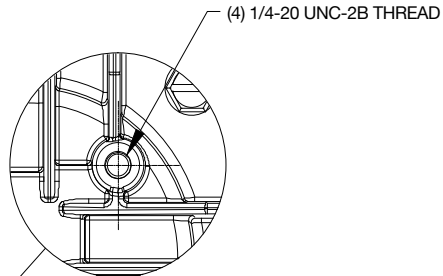
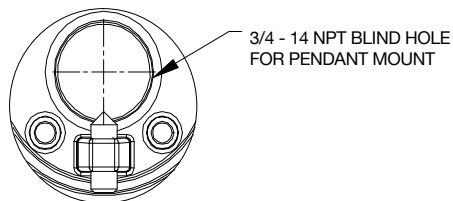


Front View

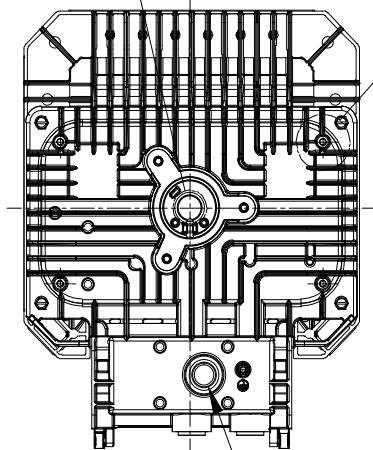
BLL Models



Side View



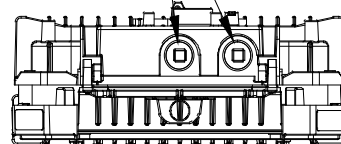
BLL Models



Back View

(1) 3/4 - 14 NPT
FOR CABLE ENTRY WITH
CLOSE-UP PLUG

(2) 3/4" CLOSE-UP PLUGS



Bottom View

Baymaster™ LED Luminaire

High Bay for Hazardous Locations

NEC/CEC:
cCSAus
Class I, Division 2, Group A, B, C, D
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Type 3R, 4 and 4X
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ATEX/IECEx:
Zone 2 and 22
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Ex ec IIC T5

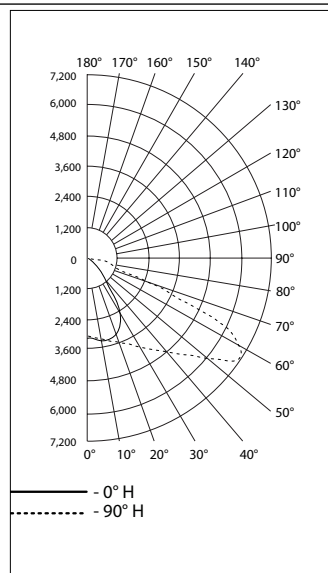
Photometric Data — DATA SHOWN IS ABSOLUTE

Aisle, Clear Glass

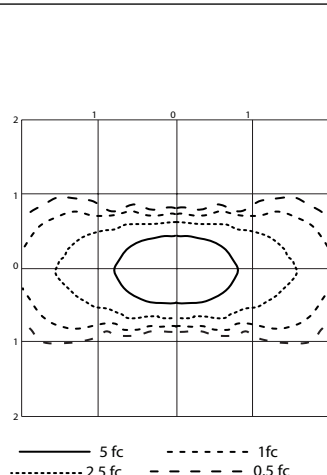
REPORT NUMBER: **BLLPL6CGANBU**

Luminaire Lumens 9,679

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	2,820.3	29.1%
0-40	4,676.6	48.3%
0-60	8,307.1	85.8%
60-90	1,371.3	14.2%
70-100	171.1	1.8%
90-120	0	0%
0-90	9,678.4	100%
90-180	0	0%
0-180	9,678.4	100%

LUMENS PER ZONE

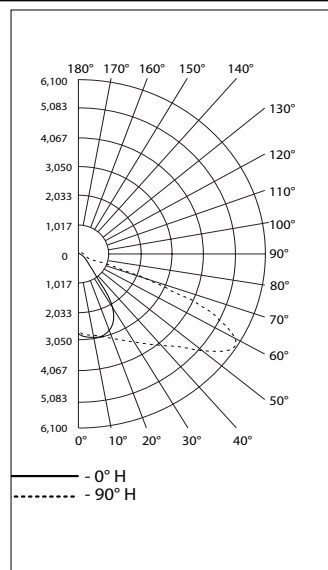
Zone	Lumens	% Total	Zone
0-10	306.6	3.2%	90 -100
10-20	952.6	9.8%	100 -110
20-30	1,561.2	16.1%	110 -120
30-40	1,856.2	19.2%	120 -130
40-50	1,764.9	18.2%	130 -140
50-60	1,865.7	19.3%	140 -150
60-70	1,200.2	12.4%	150 -160
70-80	159.2	1.6%	160 -170
80-90	11.9	0.1%	170 -180

Aisle, Clear Glass

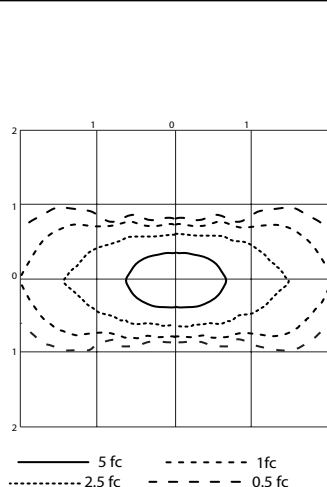
REPORT NUMBER: **BLLPL6WGANBU**

Luminaire Lumens 8,432

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	2,507.0	29.7%
0-40	4,141.6	49.1%
0-60	7,265.0	86.2%
60-90	1,166.5	13.8%
70-100	139.9	1.7%
90-120	0	0%
0-90	8,431.5	100%
90-180	0	0%
0-180	8,431.5	100%

LUMENS PER ZONE

Zone	Lumens	% Total	Zone
0-10	275.1	3.3%	90-100
10-20	849.7	10.1%	100-110
20-30	1,382.2	16.4%	110-120
30-40	1,634.5	19.4%	120-130
40-50	1,536.3	18.2%	130-140
50-60	1,587.2	18.8%	140-150
60-70	1,026.6	12.2%	150-160
70-80	128.8	1.5%	160-170
80-90	11.1	0.1%	170-180

Baymaster™ LED Luminaire

High Bay for Hazardous Locations

NEC/CEC:
cSAus
Class I, Division 2, Group A, B, C, D
Class I, Zone 2, Group IIC
Class II, Division 1&2, Group E, F, G
Class III

NEC/CEC:
Zone 20 and 21 Group IIIC
Zone 22 Group IIIB
Simultaneous Exposure
Marine Outside Type (Salt Water)
for USA Only

NEC/CEC:
Wet Locations
Type 3R, 4 and 4X
IP66/67

ATEX/IECEX:
Zone 2 and 22
IP66
II 3GD
IK10
Ex ec IIC T5

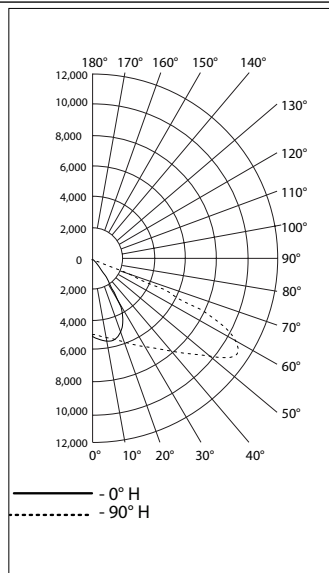
Photometric Data — DATA SHOWN IS ABSOLUTE

Aisle, Clear Glass

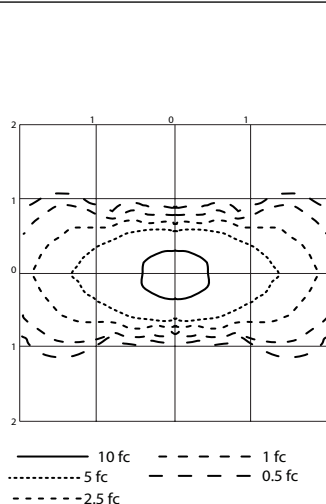
REPORT NUMBER: **BLPL7CGANBU**

Luminaire Lumens 15,234

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	4,456.3	29.3%
0-40	7,383.0	48.5%
0-60	13,097.7	86%
60-90	2,136.1	14%
70-100	262.4	1.7%
90-120	0	0%
0-90	15,233.8	100%
90-180	0	0%
0-180	15,233.8	100%

LUMENS PER ZONE

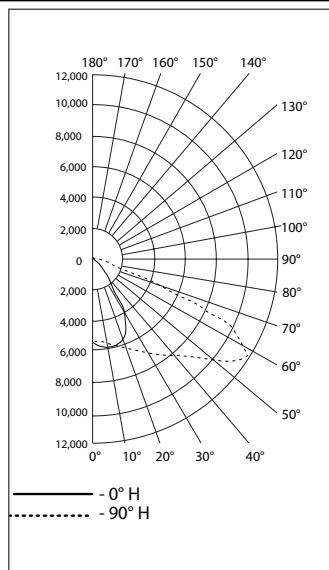
Zone	Lumens	% Total	Zone
0-10	484.8	3.2%	90-100
10-20	1,506.6	9.9%	100-110
20-30	2,464.8	16.2%	110-120
30-40	2,926.7	19.2%	120-130
40-50	2,779.6	18.2%	130-140
50-60	2,935.1	19.3%	140-150
60-70	1,873.7	12.3%	150-160
70-80	243.9	1.6%	160-170
80-90	18.5	0.1%	170-180

Aisle, Clear Glass

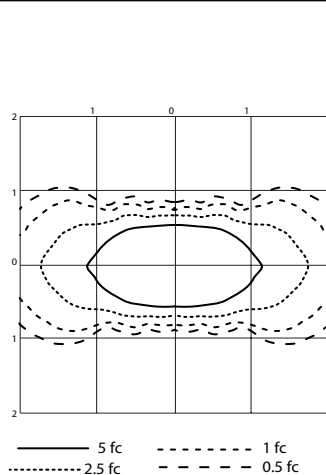
REPORT NUMBER: **BLPL7WGANBU**

Luminaire Lumens 12,579

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	3,750.7	29.8%
0-40	6,191.4	49.2%
0-60	10,866.4	86.4%
60-90	1,711.8	13.6%
70-100	199.6	1.6%
90-120	0	0%
0-90	12,578.2	100%
90-180	0	0%
0-180	12,578.2	100%

LUMENS PER ZONE

Zone	Lumens	% Total	Zone
0-10	412.0	3.3%	90-100
10-20	1,272.1	10.1%	100-110
20-30	2,066.7	16.4%	110-120
30-40	2,440.6	19.4%	120-130
40-50	2,296.4	18.3%	130-140
50-60	2,378.7	18.9%	140-150
60-70	1,512.1	12.0%	150-160
70-80	183.7	1.5%	160-170
80-90	15.9	0.1%	170-180

Baymaster™ LED Luminaire

High Bay for Hazardous Locations

NEC/CEC:
cCSAus
Class I, Division 2, Group A, B, C, D
Class I, Zone 2, Group IIC
Class II, Division 1&2, Group E, F, G
Class III

NEC/CEC:
Zone 20 and 21 Group IIIC
Zone 22 Group IIIB
Simultaneous Exposure
Marine Outside Type (Salt Water)
for USA Only

NEC/CEC:
Wet Locations
Type 3R, 4 and 4X
IP66/67

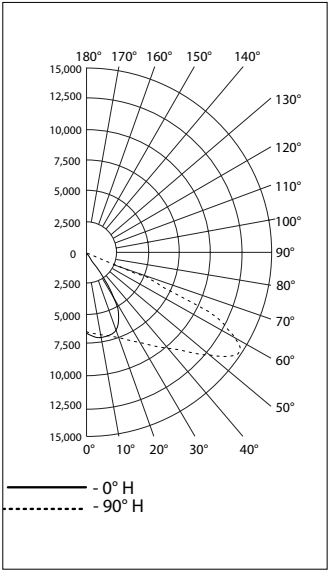
ATEX/IECEx:
Zone 2 and 22
IP66
II 3GD
IK10
Ex ec IIC T5

Photometric Data — DATA SHOWN IS ABSOLUTE

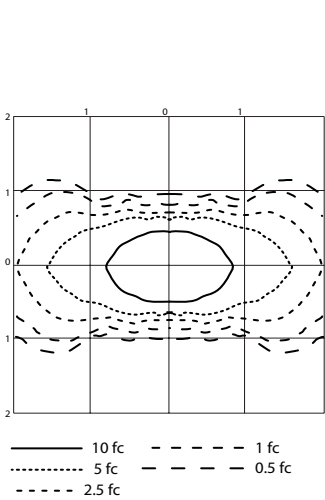
Aisle, Clear Glass
REPORT NUMBER: **BLLPL8CGANBU**

Luminaire Lumens 19,774

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



FLOOD SUMMARY

Zone	Lumens	% Luminaire
0-30	5,782.9	29.2%
0-40	9,577.4	48.4%
0-60	17,028.6	86.1%
60-90	2,744.6	13.9%
70-100	335.8	1.7%
90-120	0	0%
0-90	19,773.2	100%
90-180	0	0%
0-180	19,773.2	100%

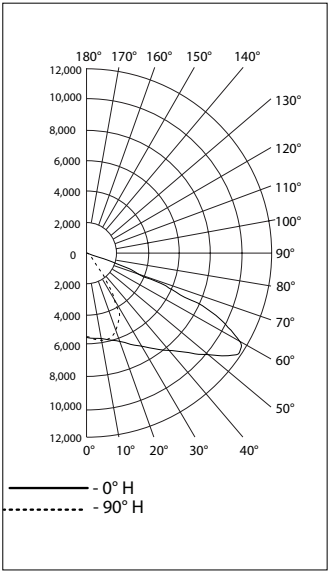
LUMENS PER ZONE

Zone	Lumens	% Total	Zone
0-10	629.4	3.2%	90-100
10-20	1,956.0	9.9%	100-110
20-30	3,197.4	16.2%	110-120
30-40	3,794.6	19.2%	120-130
40-50	3,616.6	18.3%	130-140
50-60	3,834.5	19.4%	140-150
60-70	2,408.8	12.2%	150-160
70-80	310.4	1.6%	160-170
80-90	25.4	0.1%	170-180

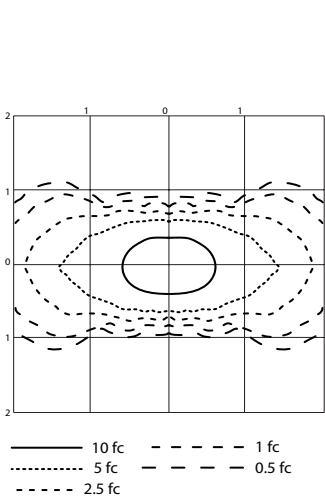
Aisle, Clear Glass
REPORT NUMBER: **BLLPL8WGANBU**

Luminaire Lumens 16,350

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	4,884.8	29.9%
0-40	8,058.6	49.3%
0-60	14,153.0	86.6%
60-90	2,196.0	13.4%
70-100	253.6	1.6%
90-120	0	0%
0-90	16,349.0	100%
90-180	0	0%
0-180	16,349.0	100%

LUMENS PER ZONE

Zone	Lumens	% Total	Zone
0-10	536.5	3.3%	90-100
10-20	1,657.0	10.1%	100-110
20-30	2,691.4	16.5%	110-120
30-40	3,173.7	19.4%	120-130
40-50	2,984.8	18.3%	130-140
50-60	3,109.6	19.0%	140-150
60-70	1,942.4	11.9%	150-160
70-80	232.7	1.4%	160-170
80-90	20.8	0.1%	170-180

Baymaster™ LED Luminaire

High Bay for Hazardous Locations

NEC/CEC:

cSAus
Class I, Division 2, Group A, B, C, D
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Class III

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for USA Only

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Wet Locations
Type 3R, 4 and 4X
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Zone 2 and 22
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Ex ec IIC T5

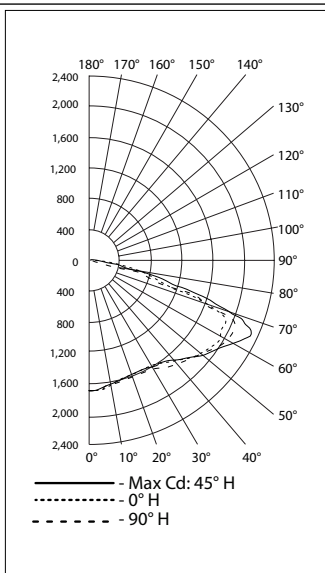
Photometric Data — DATA SHOWN IS ABSOLUTE

Type V Wide, Clear Glass

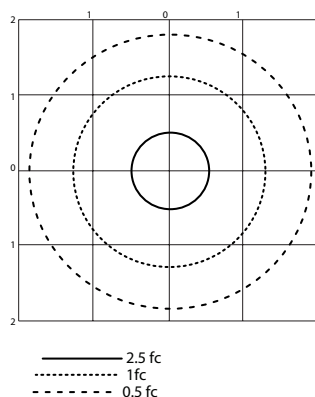
REPORT NUMBER: **BLPL6CGWNB**

Luminaire Lumens 8,682

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



FLOOD SUMMARY

Zone	Lumens	% Luminaire
0-30	1,348.9	15.5%
0-40	2,382.8	27.4%
0-60	5,543.9	63.9%
60-90	3,138.6	36.1%
70-100	1,078.8	12.4%
90-120	0	0%
0-90	8,682.5	100%
90-180	0	0%
0-180	8,682.5	100%

LUMENS PER ZONE

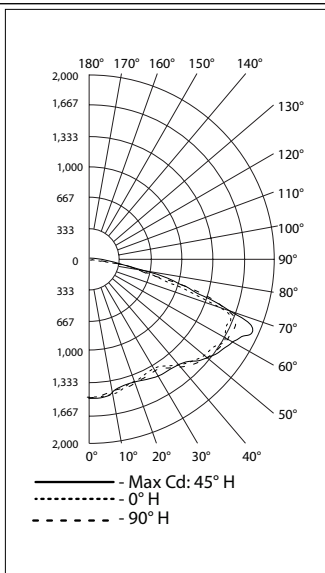
Zone	Lumens	% Total	Zone
0-10	158.9	1.8%	90-100
10-20	454.7	5.2%	100-110
20-30	735.4	8.5%	110-120
30-40	1,033.9	11.9%	120-130
40-50	1,392.0	16.0%	130-140
50-60	1,769.1	20.4%	140-150
60-70	2,059.8	23.7%	150-160
70-80	1,037.6	11.9%	160-170
80-90	41.3	0.5%	170-180

Type V Wide, Clear Glass

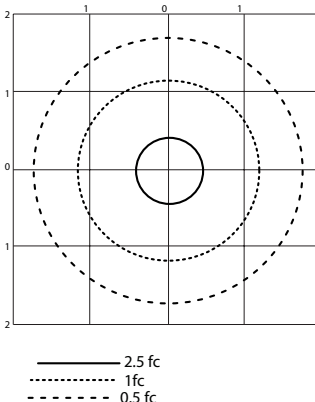
REPORT NUMBER: **BLPI6WGWNB**

Luminaire Lumens 7,506

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



FLOOD SUMMARY

Zone	Lumens	% Luminaire
0-30	1,211.6	16.1%
0-40	2,131.1	28.4%
0-60	4,876.2	65%
60-90	2,629.4	35%
70-100	905.2	12.1%
90-120	0	0%
0-90	7,505.6	100%
90-180	0	0%
0-180	7,505.6	100%

LUMENS PER ZONE

Zone	Lumens	% Total	Zone
0-10	143.6	1.9%	90-100
10-20	409.1	5.5%	100-110
20-30	658.9	8.8%	110-120
30-40	919.5	12.3%	120-130
40-50	1,224.7	16.3%	130-140
50-60	1,520.4	20.3%	140-150
60-70	1,724.2	23.0%	150-160
70-80	870.4	11.6%	160-170
80-90	34.8	0.5%	170-180

Baymaster™ LED Luminaire

High Bay for Hazardous Locations

NEC/CEC:
cCSAus
Class I, Division 2, Group A, B, C, D
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Type 3R, 4 and 4X
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Ex ec IIC T5

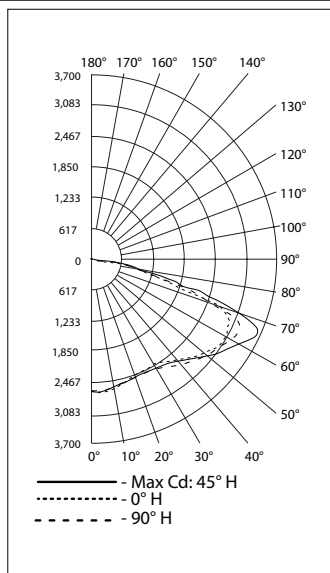
Photometric Data — DATA SHOWN IS ABSOLUTE

Type V Wide, Clear Glass

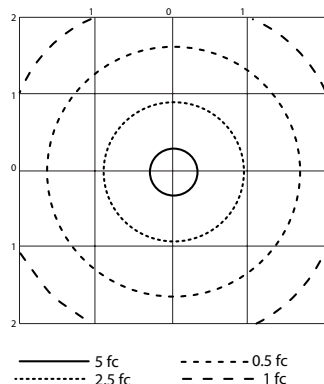
REPORT NUMBER: **BLLPL7CGWNB**

Luminaire Lumens 13,608

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



FLOOD SUMMARY

Zone	Lumens	% Luminaire
0-30	2,119.5	15.6%
0-40	3,743.3	27.5%
0-60	8,711.1	64%
60-90	4,897.4	36%
70-100	1,668.8	12.3%
90-120	0	0%
0-90	13,608.5	100%
90-180	0	0%
0-180	13,608.5	100%

LUMENS PER ZONE

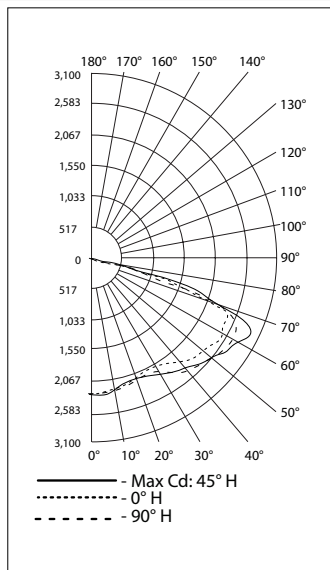
Zone	Lumens	% Total	Zone
0-10	249.6	1.8%	90-100
10-20	714.5	5.3%	100-110
20-30	1,155.4	8.5%	110-120
30-40	1,623.7	11.9%	120-130
40-50	2,188.0	16.1%	130-140
50-60	2,779.9	20.4%	140-150
60-70	3,228.7	23.7%	150-160
70-80	1,606.3	11.8%	160-170
80-90	62.4	0.5%	170-180

Type V Wide, Clear Glass

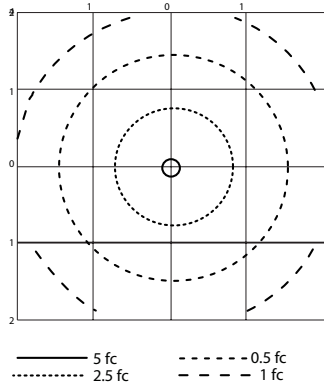
REPORT NUMBER: **BLLPI7WGNBU**

Luminaire Lumens 11,351

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



FLOOD SUMMARY

Zone	Lumens	% Luminaire
0-30	1,832.3	16.1%
0-40	3,226.8	28.4%
0-60	7,385.1	65.1%
60-90	3,965.6	34.9%
70-100	1,355.2	11.9%
90-120	0	0%
0-90	11,350.7	100%
90-180	0	0%
0-180	11,350.7	100%

LUMENS PER ZONE

Zone	Lumens	% Total	Zone
0-10	216.7	1.9%	90-100
10-20	618.0	5.4%	100-110
20-30	997.6	8.8%	110-120
30-40	1,394.6	12.3%	120-130
40-50	1,855.9	16.4%	130-140
50-60	2,302.3	20.3%	140-150
60-70	2,610.5	23.0%	150-160
70-80	1,305.4	11.5%	160-170
80-90	49.8	0.4%	170-180

Baymaster™ LED Luminaire

High Bay for Hazardous Locations

NEC/CEC:
cSAus
Class I, Division 2, Group A, B, C, D
Class I, Zone 2, Group IIC
Class II, Division 1&2, Group E, F, G
Class III

NEC/CEC:
Zone 20 and 21 Group IIIC
Zone 22 Group IIIB
Simultaneous Exposure
Marine Outside Type (Salt Water)
for USA Only

NEC/CEC:
Wet Locations
Type 3R, 4 and 4X
IP66/67

ATEX/IECEx:
Zone 2 and 22
IP66
II 3GD
IK10
Ex ec IIC T5

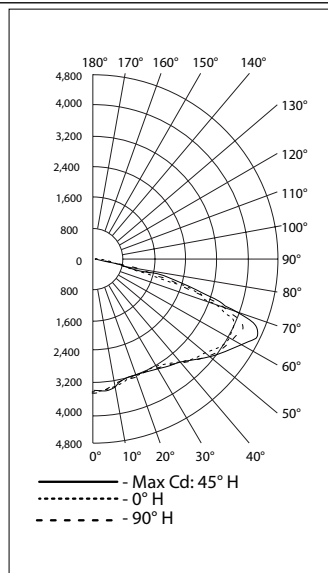
Photometric Data — DATA SHOWN IS ABSOLUTE

Type V Wide, Clear Glass

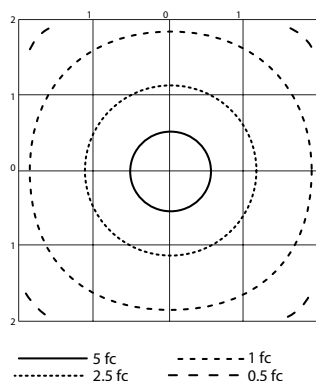
REPORT NUMBER: **BLLPL8CGWNB**

Luminaire Lumens 17,710

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



FLOOD SUMMARY

Zone	Lumens	% Luminaire
0-30	2,747.6	15.5%
0-40	4,856.1	27.4%
0-60	11,344.9	64.1%
60-90	6,365.5	35.9%
70-100	2,134.3	12.1%
90-120	0	0%
0-90	17,710.3	100%
90-180	0	0%
0-180	17,710.3	100%

LUMENS PER ZONE

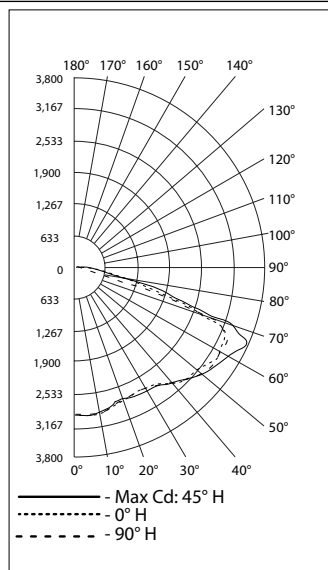
Zone	Lumens	% Total	Zone
0-10	323.7	1.8%	90-100
10-20	926.5	5.2%	100-110
20-30	1,497.4	8.5%	110-120
30-40	2,108.5	11.9%	120-130
40-50	2,852.1	16.1%	130-140
50-60	3,636.8	20.5%	140-150
60-70	4,231.2	23.9%	150-160
70-80	2,057.9	11.6%	160-170
80-90	76.4	0.4%	170-180

Type V Wide, Clear Glass

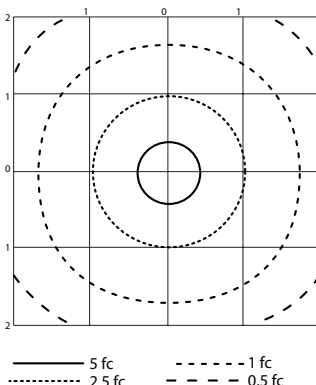
REPORT NUMBER: **BLLPL8WGWNBU**

Luminaire Lumens 14,676

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



FLOOD SUMMARY

Zone	Lumens	% Luminaire
0-30	2,363.9	16.1%
0-40	4,165.7	28.4%
0-60	9,561.5	65.1%
60-90	5,114.9	34.9%
70-100	1,722.7	11.7%
90-120	0	0%
0-90	14,676.4	100%
90-180	0	0%
0-180	14,676.4	100%

LUMENS PER ZONE

Zone	Lumens	% Total	Zone
0-10	279.6	1.9%	90-100
10-20	797.4	5.4%	100-110
20-30	1,287.0	8.8%	110-120
30-40	1,801.8	12.3%	120-130
40-50	2,405.1	16.4%	130-140
50-60	2,990.7	20.4%	140-150
60-70	3,392.2	23.1%	150-160
70-80	1,661.4	11.3%	160-170
80-90	61.3	0.4%	170-180

Baymaster™ LED Luminaire

High Bay for Hazardous Locations

NEC/CEC:
cCSAus
Class I, Division 2, Group A, B, C, D
Class I, Zone 2, Group IIC
Class II, Division 1&2, Group E, F, G
Class III

NEC/CEC:
Zone 20 and 21 Group IIIC
Zone 22 Group IIIB
Simultaneous Exposure
Marine Outside Type (Salt Water)
for USA Only

NEC/CEC:
Wet Locations
Type 3R, 4 and 4X
IP66/67

ATEX/IECEx:
Zone 2 and 22
IP66
II 3GD
IK10
Ex ec IIC T5

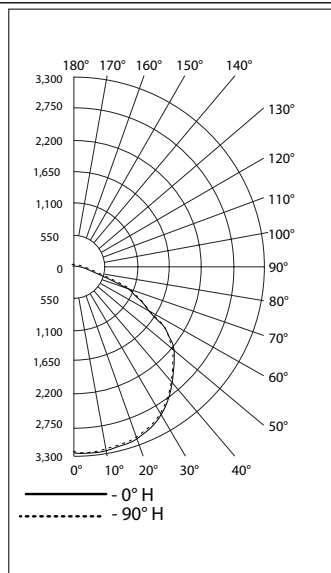
Photometric Data — DATA SHOWN IS ABSOLUTE

Type V, Clear Glass

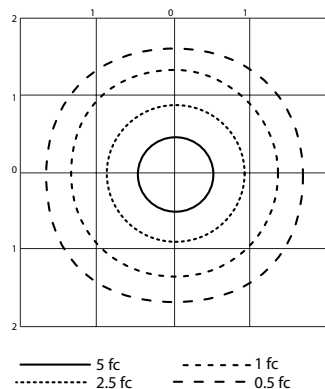
REPORT NUMBER: **BLLPL6CGMNB**

Luminaire Lumens 9,758

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



FLOOD SUMMARY

Zone	Lumens	% Luminaire
0-30	2,652.8	27.2%
0-40	4,452.5	45.6%
0-60	8,136.0	83.4%
60-90	1,621.4	16.6%
70-100	448.1	4.6%
90-120	0	0%
0-90	9,757.4	100%
90-180	0	0%
0-180	9,757.4	100%

LUMENS PER ZONE

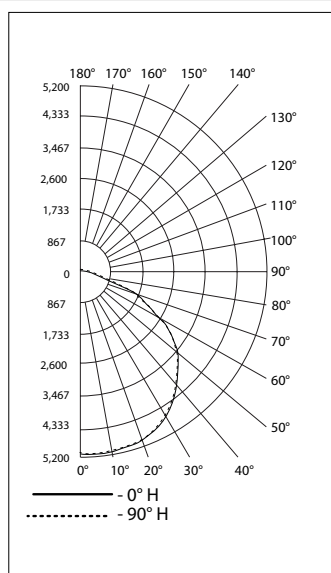
Zone	Lumens	% Total	Zone
0-10	308.6	3.2%	90-100
10-20	909.9	9.3%	100-110
20-30	1,434.3	14.7%	110-120
30-40	1,799.7	18.4%	120-130
40-50	1,932.1	19.8%	130-140
50-60	1,751.4	17.9%	140-150
60-70	1,173.3	12.0%	150-160
70-80	416.4	4.3%	160-170
80-90	31.7	0.3%	170-180

Type V, Clear Glass

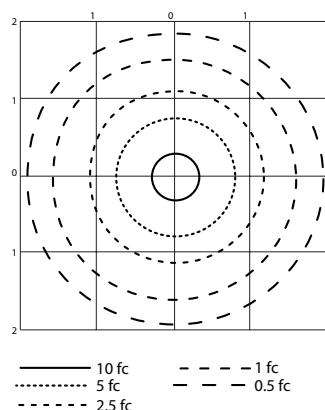
REPORT NUMBER: **BLLPL7CGMNB**

Luminaire Lumens 15,392

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



FLOOD SUMMARY

Zone	Lumens	% Luminaire
0-30	4,187.7	27.2%
0-40	7,034.1	45.7%
0-60	12,847.0	83.5%
60-90	2,544.4	16.5%
70-100	704.8	4.6%
90-120	0	0%
0-90	15,391.4	100%
90-180	0	0%
0-180	15,391.4	100%

LUMENS PER ZONE

Zone	Lumens	% Total	Zone
0-10	486.6	3.2%	90-100
10-20	1,435.2	9.3%	100-110
20-30	2,265.9	14.7%	110-120
30-40	2,846.4	18.5%	120-130
40-50	3,051.4	19.8%	130-140
50-60	2,761.4	17.9%	140-150
60-70	1,839.6	12.0%	150-160
70-80	655.0	4.3%	160-170
80-90	49.8	0.3%	170-180

Baymaster™ LED Luminaire

High Bay for Hazardous Locations

NEC/CEC:
cCSAus
Class I, Division 2, Group A, B, C, D
Class I, Zone 2, Group IIC
Class II, Division 1&2, Group E, F, G
Class III

NEC/CEC:
Zone 20 and 21 Group IIIC
Zone 22 Group IIIB
Simultaneous Exposure
Marine Outside Type (Salt Water)
for USA Only

NEC/CEC:
Wet Locations
Type 3R, 4 and 4X
IP66/67

ATEX/IECEX:
Zone 2 and 22
IP66
II 3GD
IK10
Ex ec IIC T5

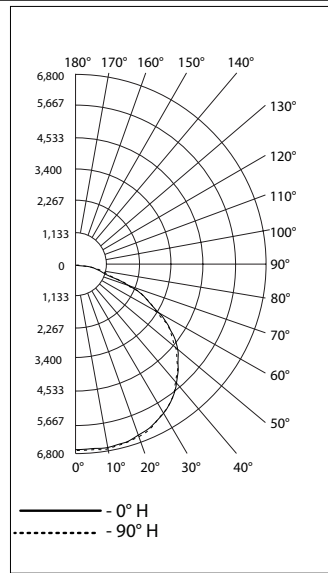
Photometric Data — DATA SHOWN IS ABSOLUTE

Type V, Clear Glass

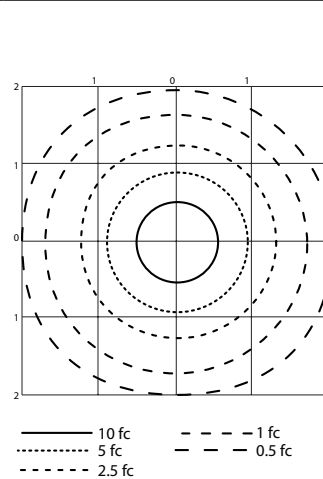
REPORT NUMBER: **BLLPL8CGMNB**

Luminaire Lumens 20,097

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



FLOOD SUMMARY

Zone	Lumens	% Luminaire
0-30	5,491.5	27.3%
0-40	9,219.3	45.9%
0-60	16,805.9	83.6%
60-90	3,290.0	16.4%
70-100	901.9	4.5%
90-120	0	0%
0-90	20,095.9	100%
90-180	0	0%
0-180	20,095.9	100%

LUMENS PER ZONE

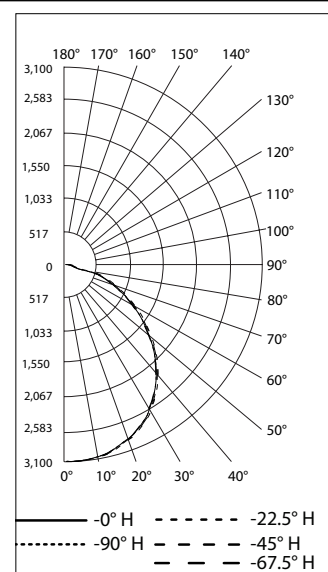
Zone	Lumens	% Total	Zone
0-10	638.0	3.2%	90-100
10-20	1,882.3	9.4%	100-110
20-30	2,971.3	14.8%	110-120
30-40	3,727.8	18.6%	120-130
40-50	3,988.4	19.8%	130-140
50-60	3,598.2	17.9%	140-150
60-70	2,388.1	4.2%	150-160
70-80	840.3	11.9%	160-170
80-90	61.7	0.3%	170-180

Type V, Frosted Glass

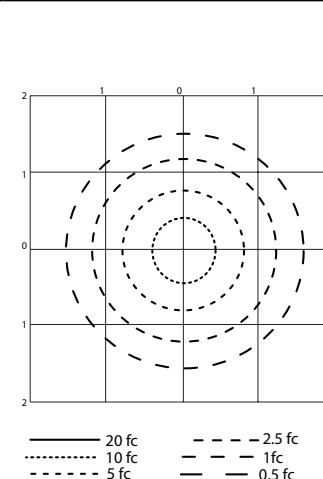
REPORT NUMBER: **BLLPL6CFMNB**

Luminaire Lumens 8,209

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



FLOOD SUMMARY

Zone	Lumens	% Luminaire
0-30	2,400.5	29.2%
0-40	3,913.4	47.7%
0-60	6,732.3	82%
60-90	1,475.5	18%
70-100	553.0	6.7%
90-120	0	0%
0-90	8,207.9	100%
90-180	0	0%
0-180	8,207.9	100%

LUMENS PER ZONE

Zone	Lumens	% Total	Zone
0-10	291.7	3.6%	90-100
10-20	838.5	10.2%	100-110
20-30	1,270.3	15.5%	110-120
30-40	1,512.9	18.4%	120-130
40-50	1,517.4	18.5%	130-140
50-60	1,301.5	15.9%	140-150
60-70	922.5	11.2%	150-160
70-80	468.5	5.7%	160-170
80-90	84.5	1.0%	170-180

Baymaster™ LED Luminaire

High Bay for Hazardous Locations

NEC/CEC:
cCSAus
Class I, Division 2, Group A, B, C, D
Class I, Zone 2, Group IIC
Class II, Division 1&2, Group E, F, G
Class III

NEC/CEC:
Zone 20 and 21 Group IIIC
Zone 22 Group IIIB
Simultaneous Exposure
Marine Outside Type (Salt Water)
for USA Only

NEC/CEC:
Wet Locations
Type 3R, 4 and 4X
IP66/67

ATEX/IECEx:
Zone 2 and 22
IP66
II 3GD
IK10
Ex ec IIC T5

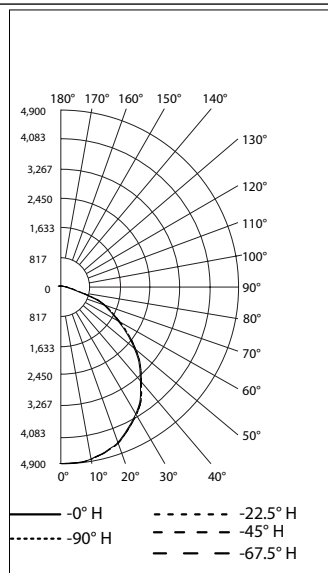
Photometric Data — DATA SHOWN IS ABSOLUTE

Type V, Frosted Glass

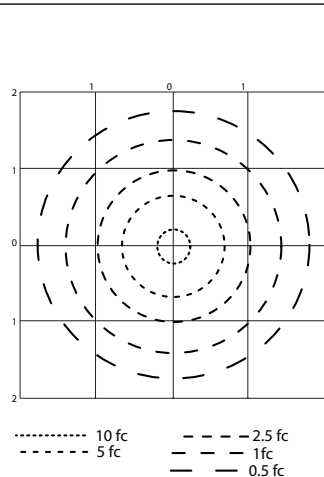
REPORT NUMBER: **BLLPL7CFMNB**

Luminaire Lumens 12,955

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



FLOOD SUMMARY

Zone	Lumens	% Luminaire
0-30	3,794.5	29.3%
0-40	6,181.5	47.7%
0-60	10,623.4	82%
60-90	2,330.5	18%
70-100	875.2	6.8%
90-120	0	0%
0-90	12,953.9	100%
90-180	0	0%
0-180	12,953.9	100%

LUMENS PER ZONE

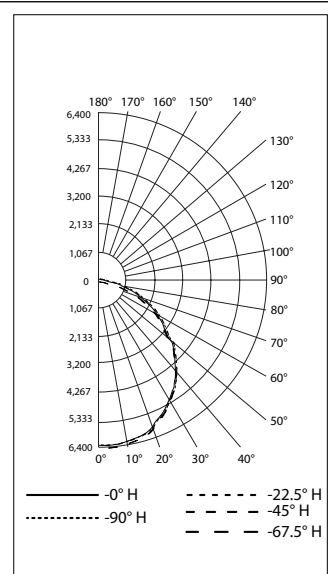
Zone	Lumens	% Total	Zone
0-10	461.3	3.6%	90-100
10-20	1,326.2	10.2%	100-110
20-30	2,007.0	15.5%	110-120
30-40	2,387.0	18.4%	120-130
40-50	2,392.1	18.5%	130-140
50-60	2,049.8	15.8%	140-150
60-70	1,455.3	11.2%	150-160
70-80	740.7	5.7%	160-170
80-90	134.5	1.0%	170-180

Type V, Clear Glass

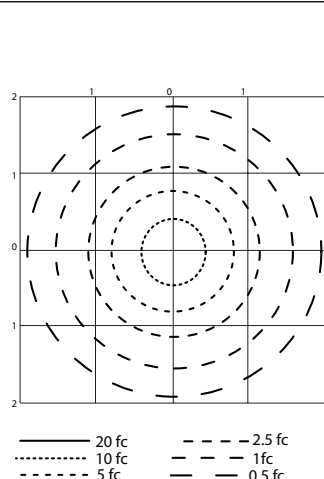
REPORT NUMBER: **BLLPL8CFMNB**

Luminaire Lumens 16,711

POLAR CANDELA DISTRIBUTION



ISOFOOT CANDLE PLOT



FLOOD SUMMARY

Zone	Lumens	% Luminaire
0-30	4,907.8	29.4%
0-40	7,989.9	47.8%
0-60	13,718.2	82.1%
60-90	2,991.4	17.9%
70-100	1,120.8	6.7%
90-120	0	0%
0-90	16,709.6	100%
90-180	0	0%
0-180	16,709.6	100%

LUMENS PER ZONE

Zone	Lumens	% Total	Zone
0-10	597.1	3.6%	90-100
10-20	1,715.9	10.3%	100-110
20-30	2,594.8	15.5%	110-120
30-40	3,082.1	18.4%	120-130
40-50	3,086.8	18.5%	130-140
50-60	2,641.5	15.8%	140-150
60-70	1,870.6	11.2%	150-160
70-80	949.8	5.7%	160-170
80-90	171.0	1.0%	170-180