

# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

Hazardous Locations

NEC/CEC: Class I, Division 2, Groups A, B, C, D | Class II, Division 1, Groups E, F, G | Class II, Division 2, Groups F, G | Class III | Zone 20, 21 and 22 | Class I, Zone 2 AEx/Ex ec mb<sup>‡</sup> IIC Gc | Zone 21, AEx/Ex tb IIC Db | Type 3R, 4 and 4X | IP66/67 | Simultaneous Exposure | Marine Outside Type (Salt Water) for USA Only | Wet Locations  
ATEX/IECEX: Zones 2 – 21 and 22  
Markings: CE | UKCA | UKEX  
Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

### Applications

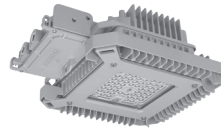
- Enclosed and gasketed fixtures suitable for use in a wide range of industrial, chemical processing and other areas where flammable gases and vapors are present, for example:
  - Oil and Gas Refineries
  - Petrochemical Plants
  - Foundries
  - Drilling Rigs
  - Pulp and Paper Mills
  - Food and Beverage Processing Facilities
  - Loading Docks
  - Power Plants
  - Water and Wastewater Treatment Facilities
  - Hydrogen and Biofuels plants
  - LNG (Liquid Natural Gas) plants
  - Other areas where corrosive, wet, dirty and tough environments are a problem.
- IP66/IP67, Type 4X, marine and wet locations. IP66 for IECEx/ATEX.
- Locations requiring dependable, consistent lighting in extreme hot/cold temperature environments.
  - 40 °C to +65 °C (-40 °F to +149 °F) ambient temperature range.
  - 40 °C to +55 °C (-40 °F to +131 °F) for high lumen BHL(P)L3 output.
  - 55 °C (-67 °F) Cold Start option available for BU voltages only.
  - See Catalog Numbering Guide for more details.
- Globally rated luminaires with all applicable certification labels for NEC/CEC and ATEX/IECEX environments. See Certifications and Compliances for details.

### Features

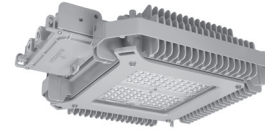
- Six lumen outputs provide up to 38,000 lumens.

Nominal Lumens ①	HID Equivalent	Model Number
9,500	175-250W	BLLL6/BLLPL6
15,000	250-400W	BLLL7/BLLPL7
19,500	400-750W	BLLL8/BLLPL8
24,000	1000W	BHLL1/BHLPL1
30,000	1000-1500W	BHLL2/BHLPL2
38,000	1500W	BHLL3/BHLPL3

- Choice of optics for optimal light distribution in a variety of applications.
- Separate field wiring compartment with screw terminal block for easy and secure connection can accept 0.14 - 6 mm<sup>2</sup> (26 - 10 AWG) wire (Non Quick Mount version only).
- Wiring compartment has two 3/4" NPT entries in bottom and one 3/4" NPT entry on top. Optional M20 metric adapter available. (Three close-up plugs provided when quick mount pendant system is ordered).
- Unique quick mount pendant system allows for easy prewiring without supporting the High Bay in place. Quick mount adapter hood includes one 3/4" NPT entry.
- Alternate mounting system allows for "Y" cable mount and easy wiring via a separate field wiring compartment with a screw terminal block.
- Floodlight mounting achieved by using Areamaster Generation 2 LED yoke bracket.
- Choice of color temperature (CCT): 5000K (70 CRI) cool white, 4000K (80 CRI) neutral white, 3000K (80 CRI) warm white, 1800K (70 CRI), or Amber (56 CRI).



9,500, 15,000, 19,500 Lumens



24,000, 30,000, 38,000 Lumens

### L70 Ratings:

+25 °C (+77 °F)	Reported	> 60,000 hours
Ambient Temperature	Calculated	> 200,000 hours
+65 °C (+149 °F)	Reported	> 60,000 hours
Ambient Temperature	Calculated	> 135,000 hours

- Rugged and compact housing with superior thermal design translates to long luminaire life.
- Heavy duty, high temperature silicone rubber gaskets.
- Thermal shock and impact resistant clear or frosted glass lens.
- Standard 6 kV/3 kA surge protection. Optional 10 kV/5 kA additional surge protection available.
- 0-10 Vdc Dimming standard for all Non-Quick Mount versions.
- Captive fasteners secure one-piece lens.
- Field replaceable LED driver and lens cover.
- Photometric data and electronic drawings available upon request.

### Warranty ②

- 10 year standard warranty.

### Options

- Improved safety cable design with multiple retention points, purchase separately.
- Guard and visor available, *purchase separately*.
- Y mount cable assembly, *purchase separately*.
- Drain assembly, *purchase separately*.
- 10 kV/5 kA Surge Protection
- For custom paint colors, contact your Appleton Sales Representative. Minimum quantity applies.

### Controls

- Dimming:
  - Luminaire has a two-wire, 0-10 Vdc variable dimming input port for controlling the light output - for BU voltages only.
  - Standard operating temperature models: from 10% to 100% of the rated lumen output.
  - Cold temperature option models: from 0% to 100% of the rated lumen output.
- Group Lighting Controls:
  - Simplify installation of energy saving lighting controls.
  - Control up to 10 luminaires over a distance of 60 meters (200 ft) with Mercmaster Connect LED integrated dimming controller.
  - Daisy chain the luminaires on the same circuit breaker by wiring the 0-10V dimming leads to the Connected luminaire. Enable the Mercmaster Connect's advanced capabilities to extend daylight harvesting (adjustable output), motion sensing (up to 12 meters [40 ft]) and scheduling features (up to 4 time periods per day) with the group of lights.
  - Optionally commission and monitor the group of lights remotely via our Plantweb Insight™ Connected Lighting App.

<sup>‡</sup> mb applicable for select Cold Temperature configurations only.

① Nominal lumen value for 5000K, Medium Beam, with clear glass. Detailed lumen information provided in tables.

② For warranty details go to [www.appleton.emerson.com](http://www.appleton.emerson.com).

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### Hazardous Locations

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ATEX/IECEX: Zones 2 – 21 and 22  
Markings: CE | UKCA | UKEX  
Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

### Standard Materials

- Housing and lens cover: copperfree (4/10 of 1% max.) aluminum
- Gaskets: silicone rubber
- Bolts: stainless steel
- Close up plugs: (2) aluminum provided (Non Quick Mount version)
- 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

### NEC/CEC Certifications and Compliances

- UL Standards: UL 844; UL 1598; UL1598A; UL 8750
- CSA Standards: CSA C22.2 No. 250.0; CSA C22.2 No. 137
- cETLus: 104364566CHI-001, 104364566CHI-002, 104364582DAL-001
- Vibration Rating: 10G, 10 hours, 3 axis at first mode resonant frequency (BLLL and BHLL models only)

### ATEX/IECEX Certifications and Compliances

- Certification Type: Baymaster LED and High Lumen LED
  - Gas: Zone 2
    - Conforming to ATEX 2014/34/EU: Ⓢ II 3G
    - Type of Protection: Ex ec mb<sup>+</sup> IIC Gc
    - Temperature Class: AMLG – T5 to T3; AMLH – T4 to T3
  - Dust: Zones 21 and 22
    - Conforming to ATEX 2014/34/EU: Ⓢ II 2D
    - Type of Protection: Ex tb IIIC Db
    - Surface Temperature: +85 °C to +100 °C (+185 °F to +212 °F)
  - Dust: Zone 22
    - Conforming to ATEX 2014/34/EU: Ⓢ II 3D
    - 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 +149 °F). -40°C to +55 °C (-40°F to +131°F) for high lumen BHLL3 output
- ATEX Certificate: ITS18ATEX104171, ITS-I 23 ATEX 29460
- IECEX Certificate: IECEX ITS 18.0049
- Index of Protection according to EN/IEC 60529: IP66
- Impact Resistance (shock): IK08
- Photobiological Safety, IEC 62778 and IEC 62471: Risk Group 1 (RG1)

### UKEX Certifications

- ITS22UKEX0683
- ITS22UKEX0684

### CE and UKCA Marking

- ATEX: EN 60079-0, EN 60079-7, EN 60079-31
- Safety: EN 60598-1, EN 60598-2-1, and EN 60598-2-5
- EMC: EN 61547, 61000-6-2, 61000-6-4, 61000-3-2; CISPR 15

### ABS Certifications

- BLL: 23-2374471-PDA
- BHL: 23-2368591-PDA

### DesignLights™ Consortium

- Check DLC QPL for current list of products.

### Related Products

- Industrial Baymaster and High Lumen LED Series Luminaires

‡ mb applicable for select Cold Temperature configurations only.

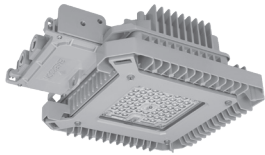
# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

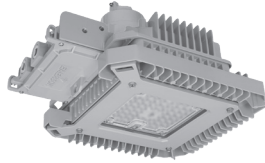
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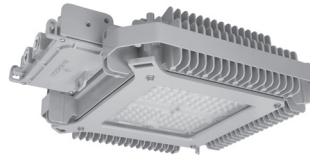
## Illustrated Features



**BLL** with clear lens



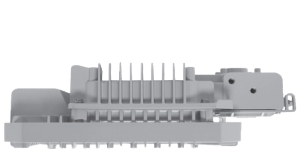
**BLLP** with frosted lens



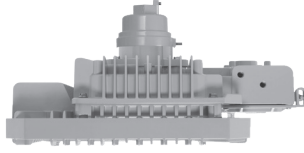
**BHL** with frosted lens



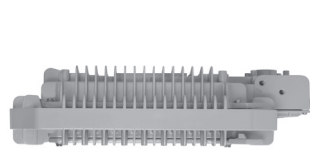
**BHLP** with clear lens



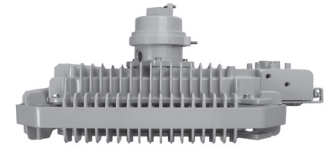
**BLL**  
9K, 15K, 19K Lumens with standard mounting



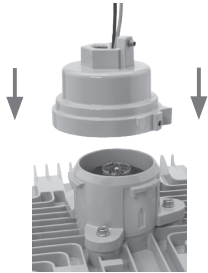
**BLLP**  
9K, 15K, 19K Lumens with quick mount pendant option



**BHL**  
24K, 30K, 38K Lumens with standard mounting



**BHLP**  
24K, 30K, 38K Lumens with quick mount pendant option



### Quick Mount Pendant System

The Appleton 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.



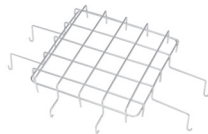
### Driver Assembly

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



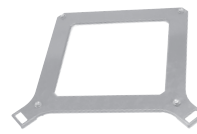
### Optional Fusing †

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



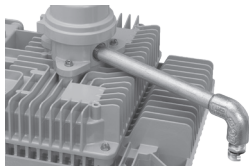
### Optional Wire Guard

Stainless steel wire guard can be used for additional protection.



### Optional Drain Assembly

Includes 228.6 mm (9" long), 1/2" trade size conduit nipple, elbow and drain.



<sup>‡</sup> mb applicable for select Cold Temperature configurations only.

† Use of fuse voids marine rating.

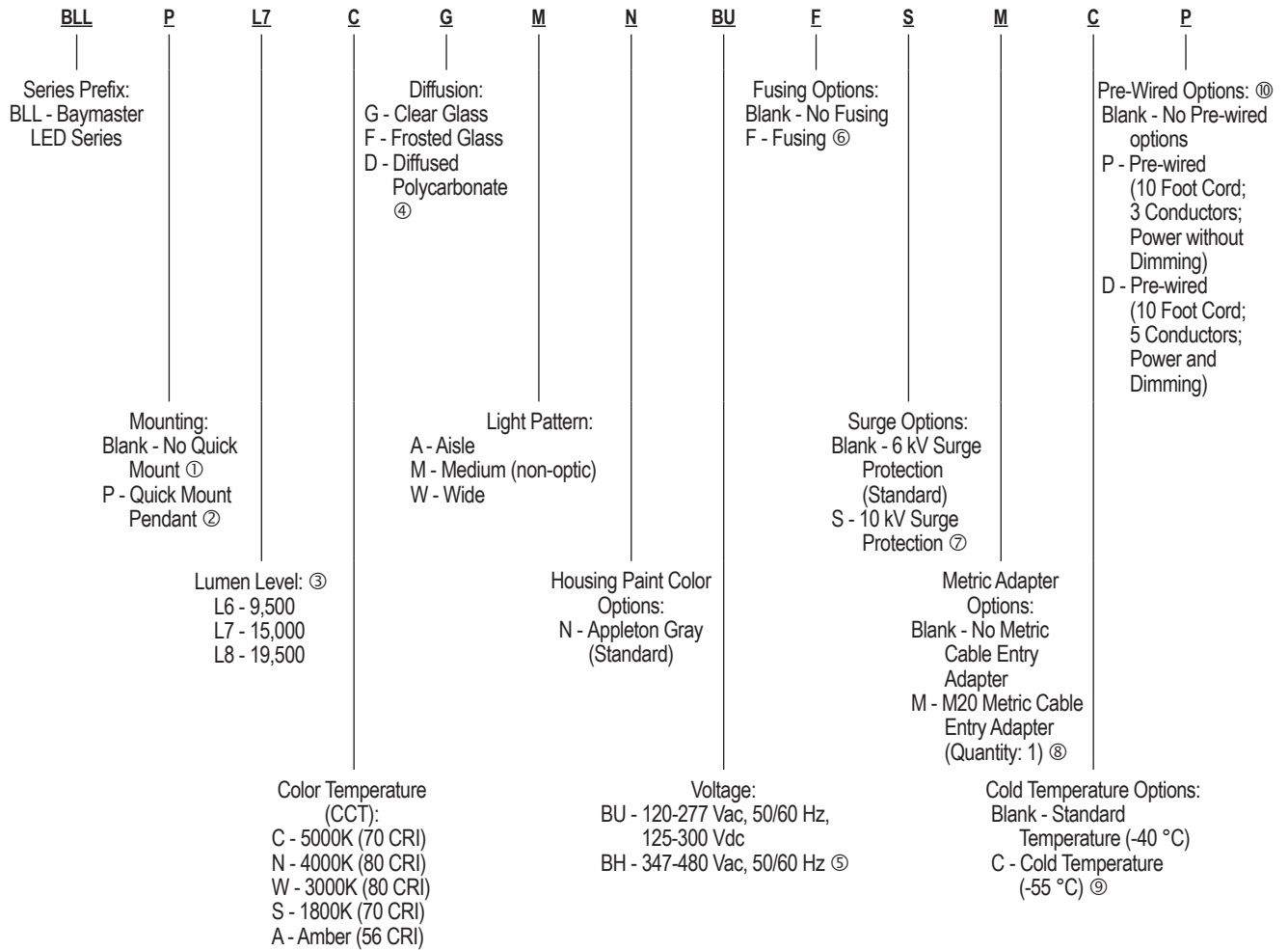
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### Order Using Catalog Numbering Guide — Baymaster™ LED Series Luminaires — Low Lumen Model



<sup>‡</sup> mb applicable for select Cold Temperature configurations only.

① Dimming terminals in wiring compartment are standard for Non-Quick Mount configuration - for BU voltages only. Field wiring achieved through 3/4" NPT entries in front facing wiring compartment.

② Quick Mount Pendant includes pre-wired, factory installed, Quick Mount Pendant body and hood. Field wiring achieved through single 3/4" entry in mounting hood. Dimming and Pre-Wired options are not available for Quick Mount Pendant configuration.

③ All lumen values are typical (tolerance +/- 10%).

④ Diffused polycarbonate lens available for NEC/CEC only. Diffused Polycarbonate lens not available with Cold Start option.

⑤ BH voltage available for NEC/CEC only. BH voltage not available with Cold Start option. Dimming not available with BH voltage.

⑥ Use of fuse voids Marine rating. Fusing available for NEC/CEC only. Fusing not available with Cold Start option.

⑦ 10kV Surge Protection not available with Cold Start option.

⑧ M20 Metric Cable Entry Adapter not available with Quick Mount Pendant or Pre-Wired options.

⑨ Cold Start option available for NEC/CEC only. Cold Start option not available with Diffused Polycarbonate lens, BH voltage, Fusing or 10kV Surge Protection.

⑩ Pre-Wiring available for NEC/CEC only. Cord grip used with Pre-Wiring option is Type 3R rated. IP66/IP67 and Marine rating is not available with Pre-Wiring option. Pre-Wired option only available with Non-Quick Mount version. Pre-Wiring not available with Metric Adapter option.

# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

Hazardous Locations

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### Order Using Catalog Numbering Guide — Baymaster™ LED Series Luminaires — High Lumen Model

BHL	P	L2	C	G	M	N	BU	F	S	M	C	P
Series Prefix: BHL - Baymaster HL LED Series	Mounting: Blank - No Quick Mount ① P - Quick Mount Pendant ②	Lumen Level: ③ L1 - 24,000 L2 - 30,000 L3 - 38,000	Color Temperature (CCT): C - 5000K (70 CRI) N - 4000K (80 CRI) W - 3000K (80 CRI) S - 1800K (70 CRI) A - Amber (56 CRI)	Diffusion: G - Clear Glass F - Frosted Glass	Light Pattern: V - Very Narrow N - Narrow M - Medium (non-optic) W - Wide	Housing Paint Color Options: N - Appleton Gray (Standard)	Voltage: BU - 120-277 Vac, 50/60 Hz, 125-300 Vdc BH - 347-480 Vac, 50/60 Hz ④	Fusing Options: Blank - No Fusing F - Fusing ⑤	Surge Options: Blank - 6 kV Surge Protection (Standard) S - 10 kV Surge Protection ⑥	Metric Adapter Options: Blank - No Metric Cable Entry Adapter M - M20 Metric Cable Entry Adapter (Quantity: 1) ⑦	Cold Temperature Options: Blank - Standard Temperature (-40 °C) C - Cold Temperature (-55 °C) ⑧	Pre-Wired Options: ⑨ Blank - No Pre-wired options P - Pre-wired (10 Foot Cord; 3 Conductors; Power without Dimming) D - Pre-wired (10 Foot Cord; 5 Conductors; Power and Dimming)

<sup>‡</sup> mb applicable for select Cold Temperature configurations only.

① Dimming terminals in wiring compartment are standard for Non-Quick Mount configuration - for BU voltages only. Field wiring achieved through 3/4" NPT entries in front facing wiring compartment.

② Quick Mount Pendant includes pre-wired, factory installed, Quick Mount Pendant body and hood. Field wiring achieved through single 3/4" entry in mounting hood. Dimming and Pre-Wired options are not available for Quick Mount Pendant configuration.

③ All lumen values are typical (tolerance +/- 10%).

④ BH voltage available for NEC/CEC only. BH voltage not available with Cold Start option. Dimming not available with BH voltage.

⑤ Use of fuse voids Marine rating. Fusing available for NEC/CEC only. Fusing not available with Cold Start option.

⑥ 10kV Surge Protection not available with Cold Start option.

⑦ M20 Metric Cable Entry Adapter not available with Quick Mount Pendant or Pre-Wired options.

⑧ Cold Start option available for NEC/CEC only. Cold Start option not available with BH voltage, Fusing or 10kV Surge Protection.

⑨ Pre-Wiring available for NEC/CEC only. Cord grip used with Pre-Wiring option is Type 3R rated. IP66/IP67 and Marine rating is not available with Pre-Wiring option. Pre-Wired option only available with Non-Quick Mount version. Pre-Wiring not available with Metric Adapter option.

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#### Lumen Output (Efficacy) — Low Lumen Model 3000K, 4000K, 5000K ①

Model	HID Equivalency	Light Distribution Pattern	CCT (Correlated Color Temperature)	CRI (Color Rendering Index)	Lumen Output	Efficacy (lm/W)	CCT	CRI	Lumen Output	Efficacy (lm/W)	CCT	CRI	Lumen Output	Efficacy (lm/W)
<b>Clear Glass</b>														
BLLL6	175-250W	Type I Aisle	3000K	80	7,250	104	4000K	80	8,500	121	5000K	70	9,350	134
		Type V	3000K	80	7,650	109	4000K	80	9,000	129	5000K	70	9,900	141
		Type V Wide	3000K	80	6,700	96	4000K	80	7,850	112	5000K	70	8,650	124
BLLL7	250-400W	Type I Aisle	3000K	80	11,050	100	4000K	80	12,900	116	5000K	70	14,250	128
		Type V	3000K	80	11,500	104	4000K	80	13,650	123	5000K	70	15,000	135
		Type V Wide	3000K	80	10,200	92	4000K	80	11,900	107	5000K	70	13,150	118
BLLL8	400-750W	Type I Aisle	3000K	80	14,250	94	4000K	80	16,650	110	5000K	70	18,350	121
		Type V	3000K	80	15,000	99	4000K	80	17,550	115	5000K	70	19,500	128
		Type V Wide	3000K	80	13,150	87	4000K	80	15,350	101	5000K	70	16,900	111
<b>Frosted Glass</b>														
BLLL6	175-250W	Type I Aisle	3000K	80	5,950	85	4000K	80	6,950	99	5000K	70	7,700	110
		Type V	3000K	80	6,400	91	4000K	80	7,500	107	5000K	70	8,300	119
		Type V Wide	3000K	80	5,250	75	4000K	80	6,150	88	5000K	70	6,800	97
BLLL7	250-400W	Type I Aisle	3000K	80	9,100	82	4000K	80	10,600	95	5000K	70	11,700	105
		Type V	3000K	80	9,700	87	4000K	80	11,350	102	5000K	70	12,500	113
		Type V Wide	3000K	80	8,000	72	4000K	80	9,350	84	5000K	70	10,350	93
BLLL8	400-750W	Type I Aisle	3000K	80	11,700	77	4000K	80	13,650	90	5000K	70	15,000	99
		Type V	3000K	80	12,500	82	4000K	80	14,500	95	5000K	70	16,550	109
		Type V Wide	3000K	80	10,300	68	4000K	80	12,000	79	5000K	70	13,250	87
<b>Diffused Polycarbonate</b>														
BLLL6	175-250W	Type I Aisle	3000K	80	5,750	82	4000K	80	6,750	96	5000K	70	7,450	106
		Type V	3000K	80	6,250	89	4000K	80	7,300	104	5000K	70	8,050	115
		Type V Wide	3000K	80	5,150	74	4000K	80	6,000	86	5000K	70	6,650	95
BLLL7	250-400W	Type I Aisle	3000K	80	8,800	79	4000K	80	10,250	92	5000K	70	11,350	102
		Type V	3000K	80	9,450	85	4000K	80	11,000	99	5000K	70	12,200	110
		Type V Wide	3000K	80	7,850	71	4000K	80	9,160	83	5000K	70	10,150	91
BLLL8	400-750W	Type I Aisle	3000K	80	11,350	75	4000K	80	13,250	87	5000K	70	14,650	96
		Type V	3000K	80	12,100	80	4000K	80	14,150	93	5000K	70	15,650	103
		Type V Wide	3000K	80	10,100	66	4000K	80	11,800	78	5000K	70	13,000	86

<sup>‡</sup> mb applicable for select Cold Temperature configurations only.

① All lumen values are typical (tolerance +/-10%).



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#### Lumen Output (Efficacy) — Low Lumen Model Amber, 1800K ①

Model	HID Equivalency	Light Distribution Pattern	CCT (Correlated Color Temperature)	CRI (Color Rendering Index)	Lumen Output	Efficacy (lm/W)	CCT	CRI	Lumen Output	Efficacy (lm/W)
<b>Clear Glass</b>										
BLLL6	175-250W	Type I Aisle	Amber	56	4,900	68	1800K	70	5,550	77
		Type V	Amber	56	5,900	82	1800K	70	6,700	94
		Type V Wide	Amber	56	5,400	78	1800K	70	6,150	89
BLLL7	250-400W	Type I Aisle	Amber	56	7,250	62	1800K	70	8,300	71
		Type V	Amber	56	8,550	78	1800K	70	9,800	89
		Type V Wide	Amber	56	8,150	73	1800K	70	9,300	84
BLLL8	400-750W	Type I Aisle	Amber	56	10,000	65	1800K	70	11,700	76
		Type V	Amber	56	10,450	69	1800K	70	12,250	81
		Type V Wide	Amber	56	10,150	67	1800K	70	11,650	77
<b>Frosted Glass</b>										
BLLL6	175-250W	Type I Aisle	Amber	56	4,150	58	1800K	70	4,700	65
		Type V	Amber	56	4,950	69	1800K	70	5,600	79
		Type V Wide	Amber	56	4,550	66	1800K	70	5,250	76
BLLL7	250-400W	Type I Aisle	Amber	56	6,100	52	1800K	70	6,950	59
		Type V	Amber	56	7,150	65	1800K	70	8,250	75
		Type V Wide	Amber	56	6,900	63	1800K	70	7,900	71
BLLL8	400-750W	Type I Aisle	Amber	56	8,450	55	1800K	70	9,850	64
		Type V	Amber	56	8,800	58	1800K	70	10,300	68
		Type V Wide	Amber	56	8,500	56	1800K	70	9,950	66
<b>Diffused Polycarbonate</b>										
BLLL6	175-250W	Type I Aisle	Amber	56	3,950	55	1800K	70	4,450	62
		Type V	Amber	56	4,700	66	1800K	70	5,350	75
		Type V Wide	Amber	56	4,300	62	1800K	70	4,950	72
BLLL7	250-400W	Type I Aisle	Amber	56	5,750	49	1800K	70	6,600	56
		Type V	Amber	56	6,850	62	1800K	70	7,850	71
		Type V Wide	Amber	56	6,600	60	1800K	70	7,500	67
BLLL8	400-750W	Type I Aisle	Amber	56	8,000	52	1800K	70	9,350	61
		Type V	Amber	56	8,350	55	1800K	70	9,850	65
		Type V Wide	Amber	56	8,050	53	1800K	70	9,450	62

<sup>‡</sup> mb applicable for select Cold Temperature configurations only.

① All lumen values are typical (tolerance +/-10%).

# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

### Hazardous Locations

NEC/CEC: Class I, Division 2, Groups A, B, C, D | Class II, Division 1, Groups E, F, G | Class II, Division 2, Groups F, G | Class III | Zone 20, 21 and 22 | Class I, Zone 2 AEx/Ex ec mb<sup>†</sup> IIC Gc | Zone 21, AEx/Ex tb IIC Db | Type 3R, 4 and 4X | IP66/67 | Simultaneous Exposure | Marine Outside Type (Salt Water) for USA Only | Wet Locations  
 ATEX/IECEX: Zones 2 – 21 and 22  
 Markings: CE | UKCA | UKEX  
 Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLL and BHLL models only)

#### Lumen Output (Efficacy) — High Lumen Model 3000K, 4000K, 5000K ①

Model	HID Equivalency	Light Distribution Pattern	CCT (Correlated Color Temperature)	CRI (Color Rendering Index)	Lumen Output	Efficacy (lm/W)	CCT	CRI	Lumen Output	Efficacy (lm/W)	CCT	CRI	Lumen Output	Efficacy (lm/W)
<b>Clear Glass</b>														
BHLL1	1000W	Type V Very Narrow	3000K	80	19,350	109	4000K	80	20,250	114	5000K	70	22,750	128
		Type V Narrow	3000K	80	20,850	117	4000K	80	21,900	123	5000K	70	25,000	140
		Type V	3000K	80	20,100	113	4000K	80	21,300	120	5000K	70	24,250	136
		Type V Wide	3000K	80	17,900	101	4000K	80	18,800	106	5000K	70	21,000	118
BHLL2	1000-1500W	Type V Very Narrow	3000K	80	23,450	106	4000K	80	24,600	111	5000K	70	27,500	124
		Type V Narrow	3000K	80	25,500	115	4000K	80	26,700	120	5000K	70	30,000	135
		Type V	3000K	80	24,650	111	4000K	80	26,100	118	5000K	70	29,750	134
		Type V Wide	3000K	80	21,800	98	4000K	80	22,850	103	5000K	70	25,650	116
BHLL3	1500W	Type V Very Narrow	3000K	80	29,500	99	4000K	80	30,950	104	5000K	70	34,750	117
		Type V Narrow	3000K	80	32,000	107	4000K	80	33,600	113	5000K	70	37,500	126
		Type V	3000K	80	31,000	104	4000K	80	32,800	110	5000K	70	37,400	126
		Type V Wide	3000K	80	27,550	92	4000K	80	28,850	97	5000K	70	32,400	109
<b>Frosted Glass</b>														
BHLL1	1000W	Type V Very Narrow	3000K	80	17,200	97	4000K	80	17,950	101	5000K	70	20,000	112
		Type V Narrow	3000K	80	18,600	104	4000K	80	19,350	109	5000K	70	21,550	121
		Type V	3000K	80	16,850	95	4000K	80	18,000	101	5000K	70	20,500	115
		Type V Wide	3000K	80	14,250	80	4000K	80	14,850	83	5000K	70	16,700	94
BHLL2	1000-1500W	Type V Very Narrow	3000K	80	21,000	95	4000K	80	21,950	99	5000K	70	24,750	111
		Type V Narrow	3000K	80	22,650	102	4000K	80	23,600	106	5000K	70	26,000	117
		Type V	3000K	80	20,550	93	4000K	80	18,000	81	5000K	70	25,000	113
		Type V Wide	3000K	80	17,350	78	4000K	80	23,600	106	5000K	70	20,350	92
BHLL3	1500W	Type V Very Narrow	3000K	80	26,400	89	4000K	80	27,500	92	5000K	70	31,000	104
		Type V Narrow	3000K	80	28,600	96	4000K	80	29,750	100	5000K	70	33,500	112
		Type V	3000K	80	26,000	87	4000K	80	27,700	93	5000K	70	31,500	106
		Type V Wide	3000K	80	21,900	73	4000K	80	22,800	77	5000K	70	25,700	86

† mb applicable for select Cold Temperature configurations only.

① All lumen values are typical (tolerance +/-10%).



# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

### Hazardous Locations

NEC/CEC: Class I, Division 2, Groups A, B, C, D | Class II, Division 1, Groups E, F, G | Class II, Division 2, Groups F, G | Class III | Zone 20, 21 and 22 | Class I, Zone 2 AEx/Ex ec mb<sup>2</sup> IIC Gc | Zone 21, AEx/Ex tb IIC Db | Type 3R, 4 and 4X | IP66/67 | Simultaneous Exposure | Marine Outside Type (Salt Water) for USA Only | Wet Locations

ATEX/IECEX: Zones 2 – 21 and 22

Markings: CE | UKCA | UKEX

Note: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

#### Lumen Output (Efficacy) — High Lumen Model Amber, 1800K ①

Model	HID Equivalency	Light Distribution Pattern	CCT (Correlated Color Temperature)	CRI (Color Rendering Index)	Lumen Output	Efficacy (lm/W)	CCT	CRI	Lumen Output	Efficacy (lm/W)
<b>Clear Glass</b>										
BHLL1	1000W	Type V Very Narrow	Amber	56	14,050	76	1800K	70	14,450	78
		Type V Narrow	Amber	56	14,350	78	1800K	70	15,900	86
		Type V	Amber	56	14,150	77	1800K	70	15,850	86
		Type V Wide	Amber	56	13,350	73	1800K	70	15,050	82
BHLL2	1000-1500W	Type V Very Narrow	Amber	56	16,200	73	1800K	70	16,850	76
		Type V Narrow	Amber	56	16,700	75	1800K	70	18,600	83
		Type V	Amber	56	16,550	75	1800K	70	18,500	83
		Type V Wide	Amber	56	15,600	71	1800K	70	17,550	79
BHLL3	1500W	Type V Very Narrow	Amber	56	18,750	63	1800K	70	19,850	67
		Type V Narrow	Amber	56	19,850	67	1800K	70	21,850	73
		Type V	Amber	56	19,500	66	1800K	70	21,800	73
		Type V Wide	Amber	56	18,450	62	1800K	70	20,700	69
<b>Frosted Glass</b>										
BHLL1	1000W	Type V Very Narrow	Amber	56	12,500	68	1800K	70	12,850	70
		Type V Narrow	Amber	56	12,650	69	1800K	70	14,200	77
		Type V	Amber	56	12,000	66	1800K	70	13,500	73
		Type V Wide	Amber	56	11,350	62	1800K	70	13,000	71
BHLL2	1000-1500W	Type V Very Narrow	Amber	56	14,250	64	1800K	70	15,000	67
		Type V Narrow	Amber	56	14,850	67	1800K	70	16,500	74
		Type V	Amber	56	14,050	63	1800K	70	15,800	71
		Type V Wide	Amber	56	13,250	60	1800K	70	15,200	68
BHLL3	1500W	Type V Very Narrow	Amber	56	16,950	57	1800K	70	17,650	59
		Type V Narrow	Amber	56	17,400	59	1800K	70	19,500	65
		Type V	Amber	56	16,450	55	1800K	70	18,600	62
		Type V Wide	Amber	56	15,800	53	1800K	70	17,900	60

± mb applicable for select Cold Temperature configurations only.

① All lumen values are typical (tolerance +/-10%).

# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

### Hazardous Locations

NEC/CEC: Class I, Division 2, Groups A, B, C, D | Class II, Division 1, Groups E, F, G | Class II, Division 2, Groups F, G | Class III | Zone 20, 21 and 22 | Class I, Zone 2 AEx/Ex ec mb<sup>‡</sup> IIC Gc | Zone 21, AEx/Ex tb IIC Db | Type 3R, 4 and 4X | IP66/67 | Simultaneous Exposure | Marine Outside Type (Salt Water) for USA Only | Wet Locations  
 ATEX/IECEX: Zones 2 – 21 and 22  
 Markings: CE | UKCA | UKEX  
 Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

#### Electrical Specifications ①

Model	Voltage	Input Power (Watts)	Input Current (Amps)	Power Factor (PF)	Total Harmonic Distortion (THD)
<b>Low Lumen Model</b>					
BLLL6 BLLPL6	120 Vac	73	0.62	>.9	<20%
	277 Vac	71	0.27		
	125 Vdc	69	0.55	N/A	N/A
	300 Vdc	68	0.23		
	347 Vac	71	0.21	>.9	<20%
	480 Vac	71	0.16		
BLLL7 BLLPL7	120 Vac	111	0.94	>.9	<20%
	277 Vac	106	0.43		
	125 Vdc	113	0.90	N/A	N/A
	300 Vdc	111	0.37		
	347 Vac	115	0.33	>.9	<20%
	480 Vac	115	0.25		
BLLL8 BLLPL8	120 Vac	154	1.30	>.9	<20%
	277 Vac	146	0.56		
	125 Vdc	156	1.25	N/A	N/A
	300 Vdc	152	0.51		
	347 Vac	150	0.43	>.9	<20%
	480 Vac	149	0.32		
<b>High Lumen Model</b>					
BHLL1 BHLPL1	120 Vac	180	1.52	>.9	<20%
	277 Vac	176	0.67		
	125 Vdc	172	1.38	N/A	N/A
	300 Vdc	170	0.57		
	347 Vac	179	0.52	>.9	<20%
	480 Vac	179	0.39		
BHLL2 BHLPL2	120 Vac	231	1.94	>.9	<20%
	277 Vac	231	0.88		
	125 Vdc	220	1.76	N/A	N/A
	300 Vdc	217	0.72		
	347 Vac	219	0.64	>.9	<20%
	480 Vac	219	0.47		
BHLL3 BHLPL3	120 Vac	317	2.67	>.9	<20%
	277 Vac	303	1.15		
	125 Vdc	305	2.44	N/A	N/A
	300 Vdc	298	0.99		
	347 Vac	299	0.87	>.9	<20%
	480 Vac	298	0.63		

<sup>‡</sup> mb applicable for select Cold Temperature configurations only.

Note: Surge Protection: Integral 6 kV surge protection. Option for up to 10 kV surge protection.

① All values are typical (tolerance +/-10%).

# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

### Hazardous Locations

NEC/CEC: Class I, Division 2, Groups A, B, C, D | Class II, Division 1, Groups E, F, G | Class II, Division 2, Groups F, G | Class III | Zone 20, 21 and 22 | Class I, Zone 2 AEx/Ex ec mb<sup>‡</sup> IIC Gc | Zone 21, AEx/Ex tb III C Db | Type 3R, 4 and 4X | IP66/67 | Simultaneous Exposure | Marine Outside Type (Salt Water) for USA Only | Wet Locations  
 ATEX/IECEx: Zones 2 – 21 and 22  
 Markings: CE | UKCA | UKEX  
 Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

#### NEC/CEC Temperature Codes

Model	Max Driver Current (mA)	Max Ambient C° (F°)	Gas		Dust		Combined Class I, Division 2 and Class II, Division 1	Gas Ex ec IIC, Class I, Zone 2, AEx ec IIC	Dust Ex tb III C, Zone 21, AEx tb III C
			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 III C			
BLLL6	410	40 (104)	T5	T5	T6	T6	T4A	T5	T85 °C
		55 (131)	T4A	T4	T6	T6	T4A	T4	T85 °C
		65 (149)	T4A	T4	T6	T6	T4	T4	T85 °C
BLLL7	680	40 (104)	T4	T4	T6	T6	T4	T4	T85 °C
		55 (131)	T3C	T3	T6	T6	T3C	T3	T85 °C
		65 (149)	T3C ①	T3 ①	T5 ①	T5 ①	T3C ①	T3 ②	T100 °C ②
BLLL8	930	40 (104)	T3C	T3	T6	T6	T3C	T3	T85 °C
		55 (131)	T3B ①	T3 ①	T5 ①	T5 ①	T3A ①	T3 ①	T100 °C ②
		65 (149)	T3A ①	T3 ①	T5 ①	T5 ①	T3A ①	T3 ①	T100 °C ②
BHLL1	530	40 (104)	T4A	T4	T6/T5 ③	T6/T5 ③	T4A	T4	T85°C/T100°C ③
		55 (131)	T4A	T4	T6/T5 ③	T6/T5 ③	T4A	T4	T85°C/T100°C ③
		65 (149)	T4	T4	T5 ③	T5 ③	T4	T4	T100°C
BHLL2	680	40 (104)	T4	T4	T6/T5 ③	T6/T5 ③	T4	T4	T85°C/T100°C ③
		55 (131)	T4	T4	T5 ③	T5 ③	T4	T4	T100°C
		65 (149)	T3C	T3	T5 ③	T5 ③	T4	T3	T100°C
BHLL3	915	40 (104)	T3C	T3	T6/T5 ③	T6/T5 ③	T3C	T3	T85°C/T100°C ③
		55 (131)	T3C	T3	T5 ③	T5 ③	T3C	T3	T100°C
		65 (149)	—	—	—	—	—	—	—

#### NEC/CEC — “T” Numbers Represent the Maximum Internal Temperature or Maximum Surface Temperature ④ ⑤

“T” #	T1	350	325	T2	T2A	T2B	T2C	T2D	T3	T3A	T3B	T3C	T4	T4A	T5	T6
Temp. Range °C (°F)	+351 to +450 (+664 to +842)	+326 to +350 (+619 to +662)	+301 to +325 (+574 to +617)	+281 to +300 (+538 to +572)	+261 to +280 (+502 to +536)	+231 to +260 (+448 to +500)	+216 to +230 (+421 to +446)	+201 to +215 (+394 to +419)	+181 to +200 (+358 to +392)	+166 to +180 (+331 to +356)	+161 to +165 (+322 to +329)	+136 to +160 (+277 to +320)	+121 to +135 (+250 to +275)	+101 to +120 (+214 to +248)	+86 to +100 (+187 to +212)	+85 (+185)

‡ mb applicable for select Cold Temperature configurations only.

Notes: Supply Wire Temperature for all: +90 °C (+194 °F).

For input voltages of 125-169 Vdc, an ambient temperature exceeding +55 °C (+131 °F) is not permitted.

① Diffused polycarbonate lens option is not certified for these ambient temperature and lumen output combinations. Diffused polycarbonate not available for BHL high lumen series.

② Diffused polycarbonate lens is certified for NEC/CEC only. No face up orientation for installation.

③ T5 is maximum allowed temperature code, and T100°C is maximum allowed temperature, when model number includes 3x3 secondary optic.

④ T numbers represent the maximum internal temperature for Class I, Division 2 and Class I, Zone 2 locations designated by the NEC.

⑤ T numbers represent the maximum surface temperature under a dust blanket for Class II, Division 1 and Class I, Zone 2 as designated by the NEC or Zone 2 (Gas) and 22 (Dust) locations as designated by the IEC.

# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

### Hazardous Locations

NEC/CEC: Class I, Division 2, Groups A, B, C, D | Class II, Division 1, Groups E, F, G | Class II, Division 2, Groups F, G | Class III | Zone 20, 21 and 22 | Class I, Zone 2 AEx/Ex ec mb<sup>+</sup> IIC Gc | Zone 21, AEx/Ex tb IIC Db | Type 3R, 4 and 4X | IP66/67 | Simultaneous Exposure | Marine Outside Type (Salt Water) for USA Only | Wet Locations  
 ATEX/IECEx: Zones 2 – 21 and 22  
 Markings: CE | UKCA | UKEX  
 Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

#### ATEX/IECEx Temperature Codes

Model	Max Driver Current (mA)	Gas — T Rating			Dust — Surface Temperature		
		+40°C (+104°F)	+55 °C (+131°F)	+65°C (+149°F)	+40°C (+104°F)	+55 °C (+131°F)	+65°C (+149°F)
BLLL6	410	T5	T4	T4	T85°C	T85°C	T85°C
BLLL7	680	T4	T3	T3	T85°C	T85°C	T100°C
BLLL8	930	T3	T3	T3	T85°C	T100°C	T100°C
BHLL1	530	T4	T4	T4	T85°C ①	T85°C ①	T100°C
BHLL2	680	T4	T4	T3	T85°C ①	T100°C	T100°C
BHLL3	915	T3	T3	—	T85°C ①	T100°C	—

#### ATEX/IECEx — “T” Numbers Represent the Maximum Internal Temperature or Maximum Surface Temperature

“T” #	T1	T2	T3	T4	T5	T6
Temp. Range °C (°F)	+301 to +450	+201 to +300	+136 to +200	+101 to +135	+86 to +100	+85
	(+547 to +842)	(+394 to +572)	(+277 to +392)	(+214 to +275)	(+187 to +212)	(+185)

± mb applicable for select Cold Temperature configurations only.

① Baymaster High Lumen with Very Narrow secondary optic surface temperature is T100°C for these ranges.


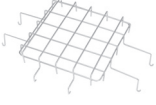






# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

### Hazardous Locations

NEC/CEC: Class I, Division 2, Groups A, B, C, D | Class II, Division 1, Groups E, F, G | Class II, Division 2, Groups F, G | Class III | Zone 20, 21 and 22 | Class I, Zone 2 AEx/Ex ec mb<sup>‡</sup> IIC Gc | Zone 21, AEx/Ex tb IIC Db | Type 3R, 4 and 4X | IP66/67 | Simultaneous Exposure | Marine Outside Type (Salt Water) for USA Only | Wet Locations  
 ATEX/IECEX: Zones 2 – 21 and 22  
 Markings: CE | UKCA | UKEX  
 Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

#### Accessories and Replacement Parts

	Description	Weight in kg (lb)	Catalog Number
<b>Quick-Connect Pendant Hood Replacement</b>			
	Baymaster Quick-Connect Pendant Hood Replacement	0.4 (0.9)	BMQCPH
<b>Guard</b>			
	BLLL6/BLLPL6, BLLL7/BLLPL7, BLLL8/BLLPL8	0.2 (0.4)	LGGUARD
	BHLL1/BHLPL1, BHLL2/BHLPL2, BHLL3/BHLPL3		LHGUARD
<b>Safety Cable</b>			
	Stainless steel - 1.22 m (4 ft)	0.2 (0.4)	LEDSC
	Stainless steel - 2.44 m (8 ft)	0.4 (0.8)	LEDSC8
<b>Drain</b>			
	228.6 mm (9" long), 1/2" trade size drain assembly for use with quick mount pendant hood	0.5 (1.2)	LEDDR9
<b>Y Mounting Cable</b>			
	1.5 m (5 ft.) cable mount — stainless steel Includes two (5 ft.) Y cables with spring clips and four eye bolts	0.5 (1.2)	LEDC5
<b>Safety Support Hooks</b>			
	3/4 inch Male Hanger Loop 5/8 inch diameter wireway 75.4 kg (166 lbs.) weight rating	0.2 (0.5)	FHLM-75
<b>Replacement Covers/Lenses</b>			
	Clear Glass — BLLL6/BLLPL6, BLLL7/BLLPL7, BLLL8/BLLPL8	2.2 (4.8)	BLLCLEAR
	Frosted Glass — BLLL6/BLLPL6, BLLL7/BLLPL7, BLLL8/BLLPL8	2.0 (4.5)	BLLFROST
	Diffused Polycarbonate — BLLL6/BLLPL6, BLLL7/BLLPL7, BLLL8/BLLPL8	1.6 (3.5)	BLLDIFFP
	Clear Glass — BHLL1/BHLPL1, BHLL2/BHLPL2, BHLL3/BHLPL3	2.4 (5.3)	BHLCLEAR
	Frosted Glass — BHLL1/BHLPL1, BHLL2/BHLPL2, BHLL3/BHLPL3	2.4 (5.3)	BHLFROST
<b>Yoke Mount Bracket</b>			
	Stainless Steel Yoke Mount Bracket. For installations requiring a higher degree of corrosion protection. Made with all stainless steel components, no painted finish.	1.8 (4.0)	AMLYMSS
	Architectural Bronze Replacement Yoke Bracket - Matches mounting hole pattern of Crouse-Hinds™ ± Champ FMVA and Champ Pro PFMA LED series floodlights	1.41 (3.1)	AMLYMCH

‡ mb applicable for select Cold Temperature configurations only.

± Crouse-Hinds and Champ are registered trademarks of Cooper Industries, Inc., a wholly owned subsidiary of the Eaton Corporation plc.

# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

### Hazardous Locations

NEC/CEC: Class I, Division 2, Groups A, B, C, D | Class II, Division 1, Groups E, F, G | Class II, Division 2, Groups F, G | Class III | Zone 20, 21 and 22 | Class I, Zone 2 AEx/Ex ec mb<sup>†</sup> IIC Gc | Zone 21, AEx/Ex tb IIC Db | Type 3R, 4 and 4X | IP66/67 | Simultaneous Exposure | Marine Outside Type (Salt Water) for USA Only | Wet Locations  
 ATEX/IECEX: Zones 2 – 21 and 22  
 Markings: CE | UKCA | UKEX  
 Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

### Replacement Drivers

	Model	Voltage	Driver Wattage	Constant Current Setting	Catalog Number
<b>Low Lumen Model</b>	<b>Standard Temperature (-40 °C)</b>				
	BLLL6C/ BLLPL6C, BLLL6N/ BLLPL6N, BLLL6W/ BLLPL6W, BLLL6S/ BLLPL6S, BLLL6A/ BLLPL6A	BU	100 Watt	410mA	APMS100C105UD41
		BH			APMS100C105HD41
	BLLL7W/ BLLPL7W	BU	150 Watt	650mA	APMS150C105UD65
		BH			APMS150C105HD65
	BLLL7C/ BLLPL7C, BLLL7N/ BLLPL7N, BLLL7S/ BLLPL7S, BLLL7A/ BLLPL7A	BU	150 Watt	680mA	APMS150C105UD68
		BH			APMS150C105HD68
	BLLL8W/ BLLPL8W	BU	150 Watt	890mA	APMS150C105UD89
		BH			APMS150C105HD89
	BLLL8C/ BLLPL8C, BLLL8N/ BLLPL8N, BLLL8S/ BLLPL8S, BLLL8A/ BLLPL8A	BU	150 Watt	930mA	APMS150C105UD93
		BH			APMS150C105HD93
	<b>Cold Temperature (-55 °C)</b>				
	BLLL6/ BLLPL6 - all CCTs	BU	100 Watt	410mA	APMZ100C090UD41
	BLLL7/ BLLPL7 - all CCTs	BU	150 Watt	680mA	APMZ150C135UD68
BLLL8/ BLLPL8 - all CCTs	BU	150 Watt	930mA	APMZ150C135UD93	
<b>High Lumen Model</b>	<b>Standard Temperature (-40 °C)</b>				
	BHLL1C/ BHLPL1C, BHLL1N/ BHLPL1N, BHLL1W/ BHLPL1W, BHLL1S/ BHLPL1S, BHLL1A/ BHLPL1A	BU	100 Watt	530mA	APMS100C105UD53
		BH			APMS100C105HD53
	BHLL2W/ BHLPL2W	BU	150 Watt	650mA	APMS150C105UD65
		BH			APMS150C105HD65
	BHLL2C/ BHLPL2C, BHLL2N/ BHLPL2N, BHLL2S/ BHLPL2S, BHLL2A/ BHLPL2A	BU	150 Watt	680mA	APMS150C105UD68
		BH			APMS150C105HD68
	BHLL3W/ BHLPL3W	BU	150 Watt	890mA	APMS150C105UD89
		BH			APMS150C105HD89
	BHLL3C/ BHLPL3C, BHLL3N/ BHLPL3N, BHLL3S/ BHLPL3S, BHLL3A/ BHLPL3A	BU	150 Watt	915mA	APMS150C105UD91
		BH			APMS150C105HD91
	<b>Cold Temperature (-55 °C)</b>				
	BHLL1/ BHLPL1 - all CCTs	BU	100 Watt	530mA	APMZ100C090UD53
	BHLL2/ BHLPL2 - all CCTs	BU	150 Watt	680mA	APMZ150C135UD68
BHLL3/ BHLPL3 - all CCTs	BU	150 Watt	915mA	APMZ150C135UD93	



### Luminaire Weights

Description	Weight in kg (lbs)
Low Lumen Model — BLLL6/BLLPL6, BLLL7/BLLPL7, BLLL8/BLLPL8 Luminaires	9.8 (21.6)
High Lumen Model — BHLL1/BHLPL1, BHLL2/BHLPL2, BHLL3/BHLPL3 Luminaires	16.1 (35.4)

<sup>†</sup> mb applicable for select Cold Temperature configurations only.



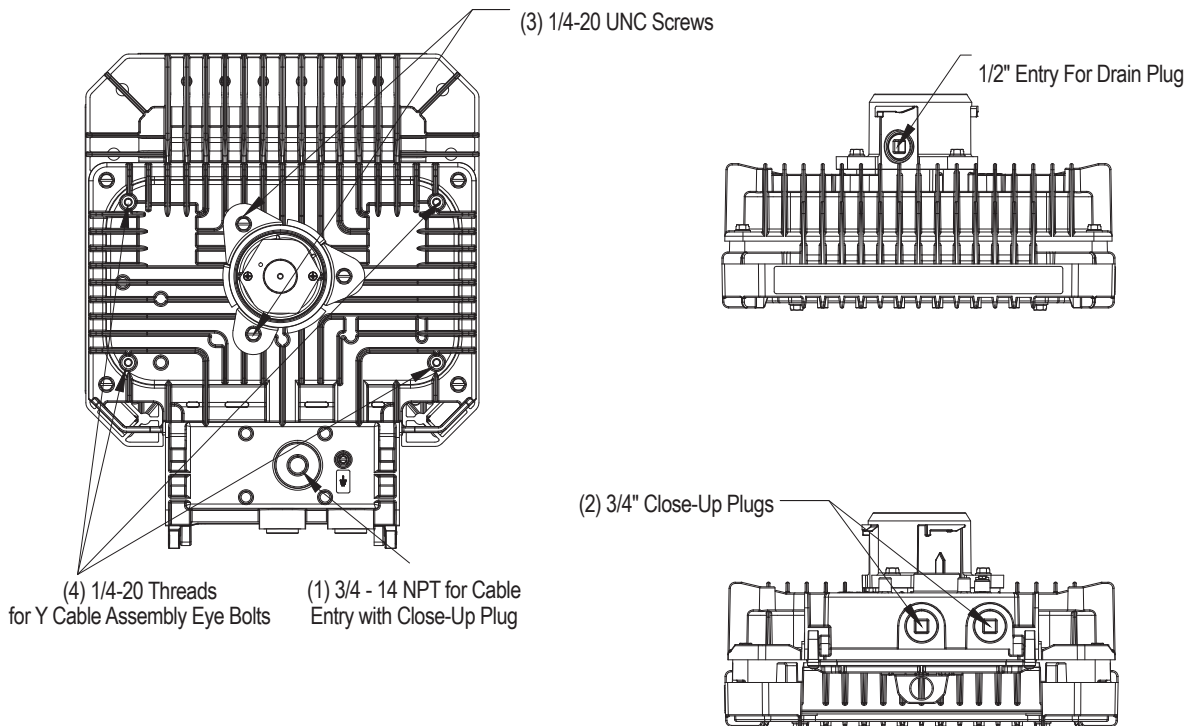
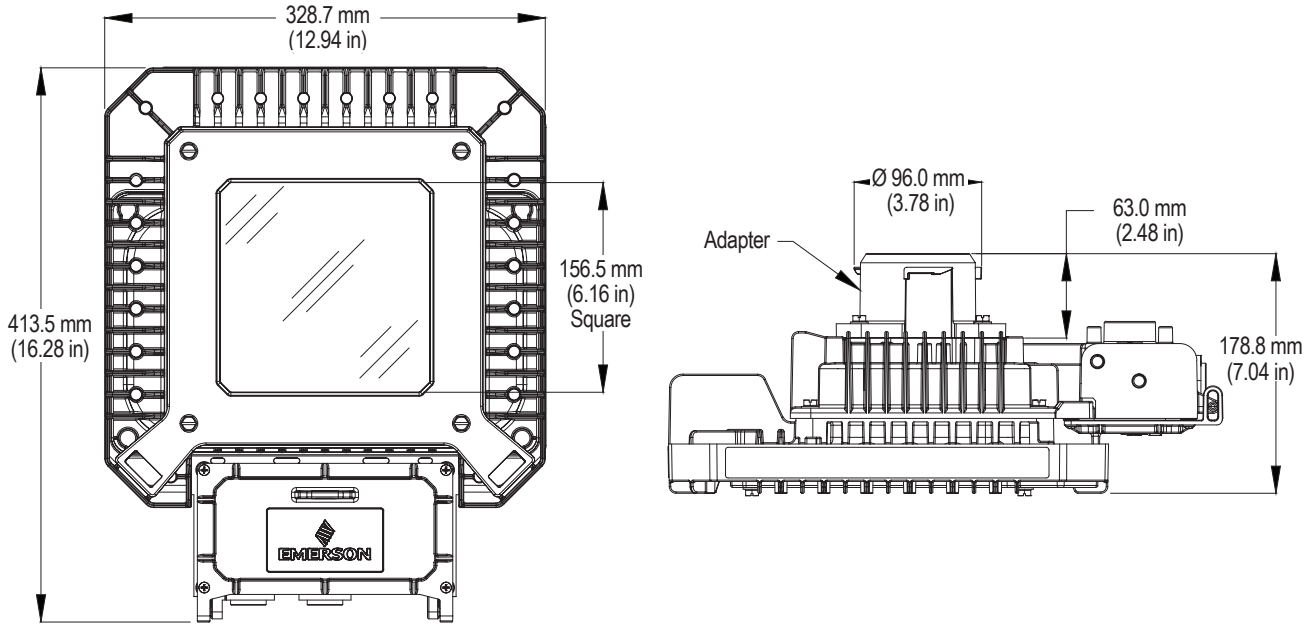
# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

### Hazardous Locations

NEC/CEC: Class I, Division 2, Groups A, B, C, D | Class II, Division 1, Groups E, F, G | Class II, Division 2, Groups F, G | Class III | Zone 20, 21 and 22 | Class I, Zone 2 AEx/Ex ec mb<sup>†</sup> IIC Gc | Zone 21, AEx/Ex tb IIC Db | Type 3R, 4 and 4X | IP66/67 | Simultaneous Exposure | Marine Outside Type (Salt Water) for USA Only | Wet Locations  
 ATEX/IECEX: Zones 2 - 21 and 22  
 Markings: CE | UKCA | UKEX  
 Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

#### BLLP Dimensions in Millimeters (Inches) — High Bay — With Quick Mount Pendant System — Low Lumen Model



<sup>†</sup> mb applicable for select Cold Temperature configurations only.

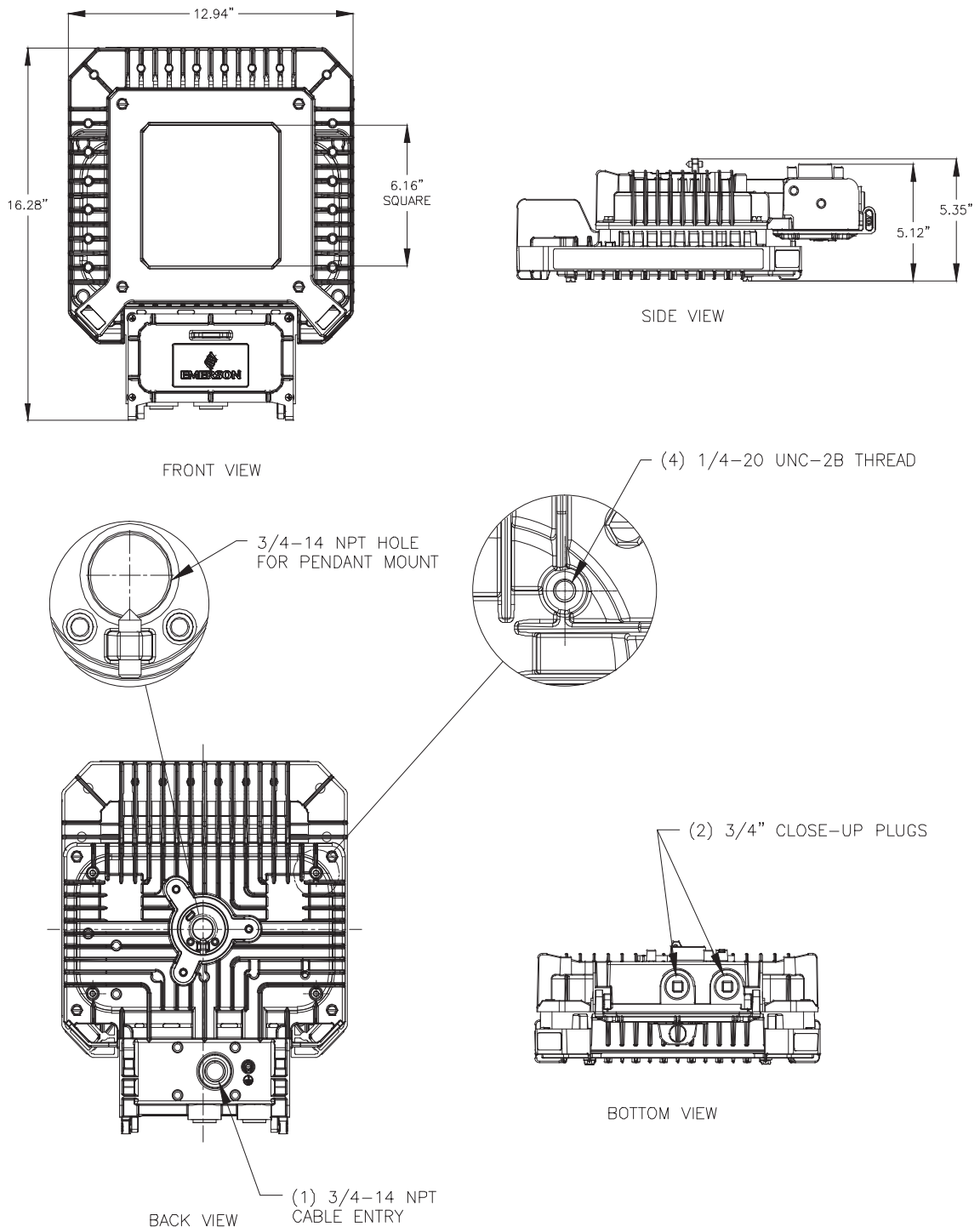
# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

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 ATEX/IECEX: Zones 2 – 21 and 22  
 Markings: CE | UKCA | UKEX  
 Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

#### BLLL Dimensions in Millimeters (Inches) — High Bay — No Mount — Low Lumen Model



*± mb applicable for select Cold Temperature configurations only.*

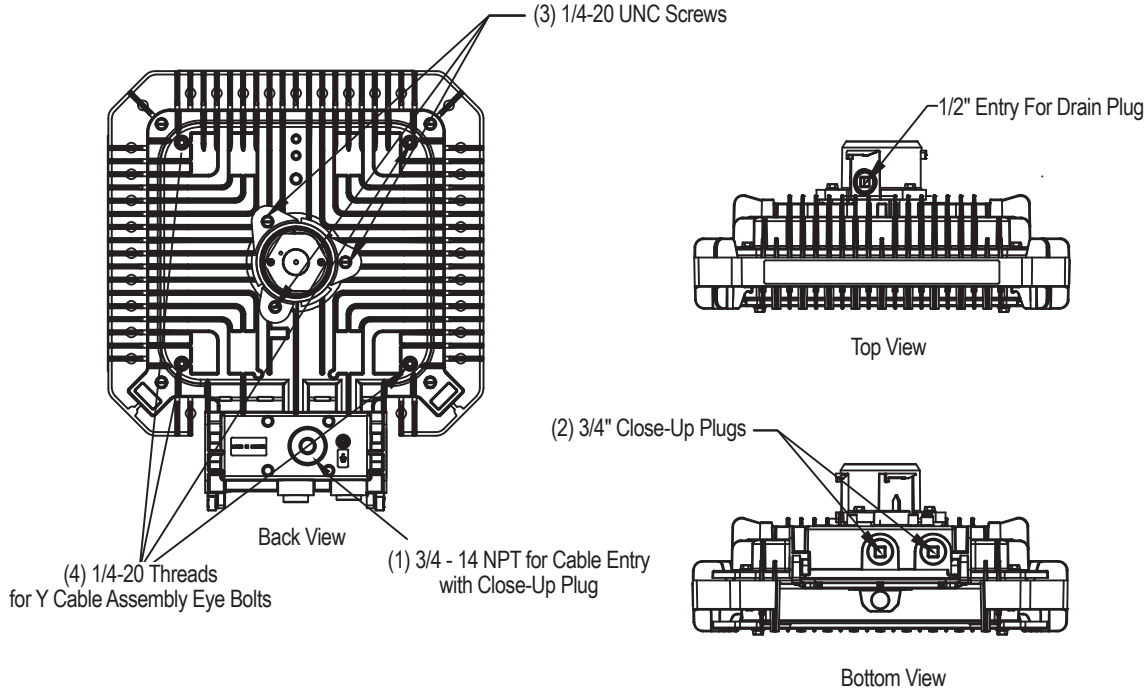
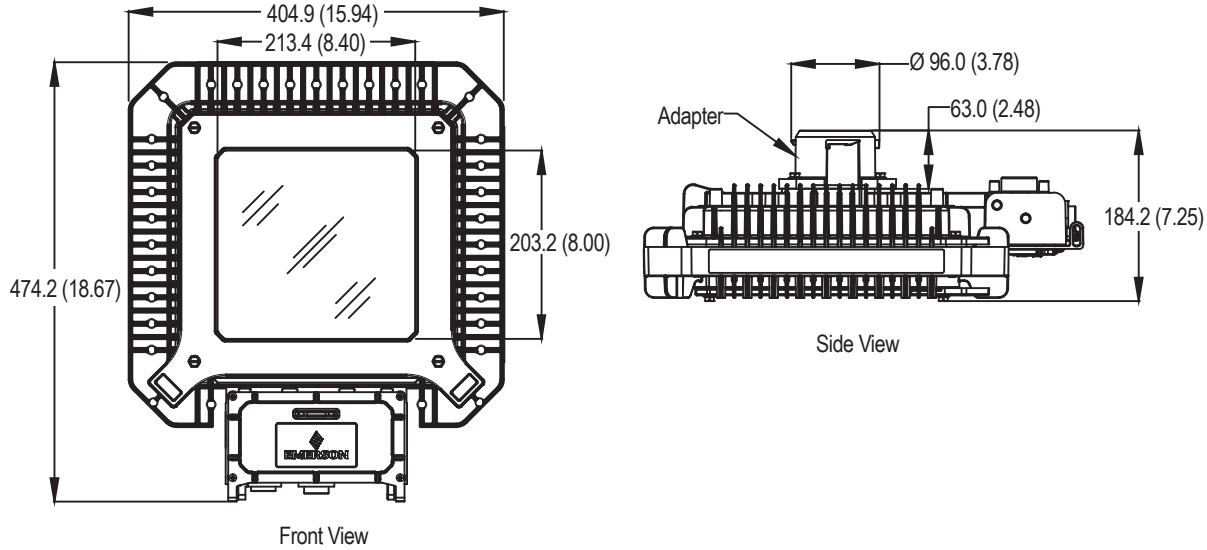
# Baymaster™ and High Lumen LED Series Luminaires

High Bay

Hazardous Locations

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 Markings: CE | UKCA | UKEX  
 Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

## BHLP Dimensions in Millimeters (Inches) — High Bay — With Quick Mount Pendant System — High Lumen Model



<sup>±</sup> mb applicable for select Cold Temperature configurations only.

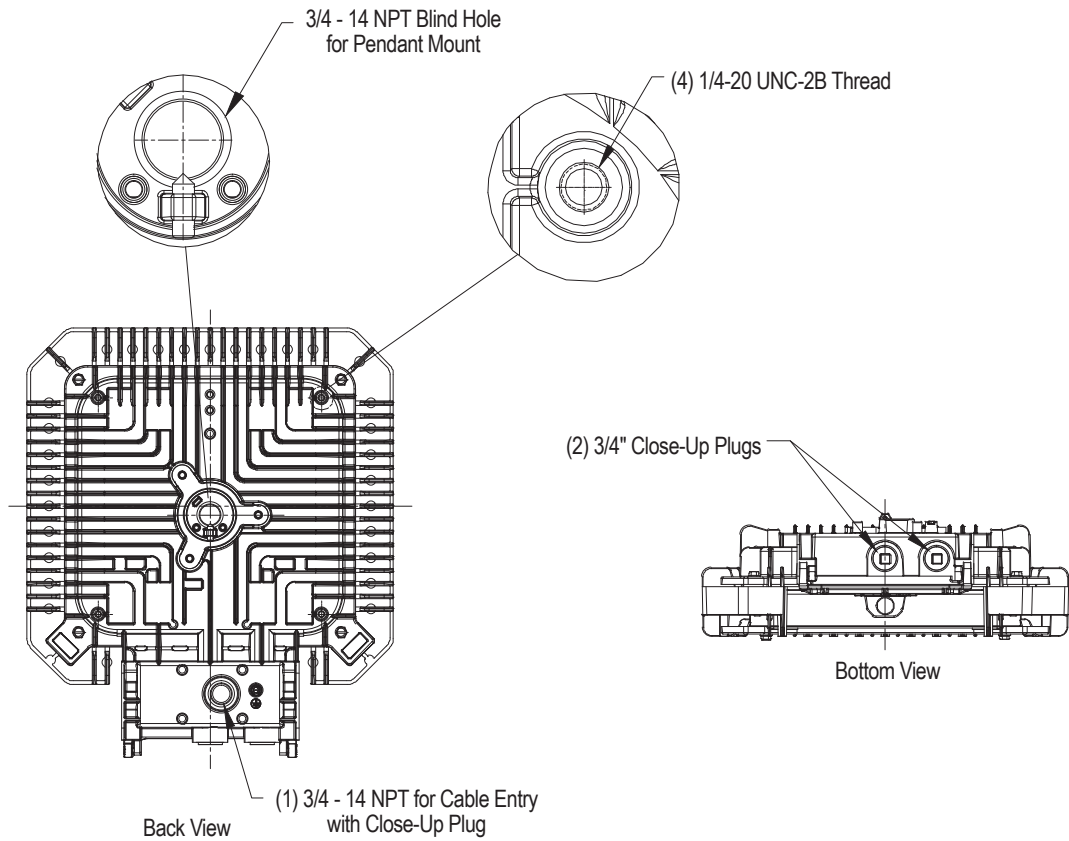
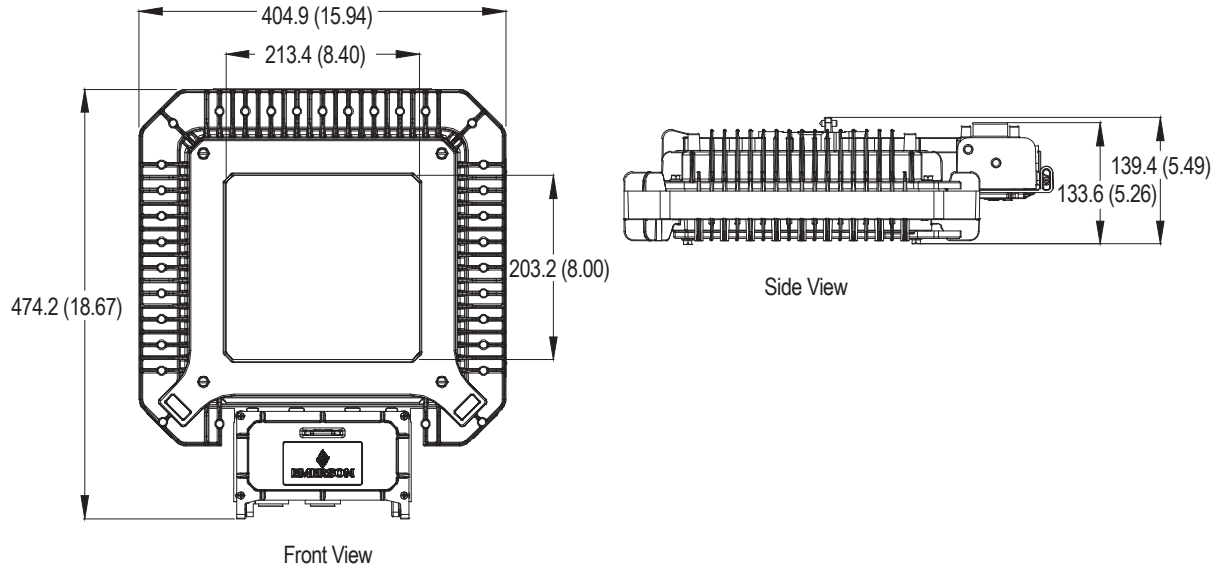
# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

### Hazardous Locations

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 Markings: CE | UKCA | UKEX  
 Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

#### BHL Dimensions in Millimeters (Inches) — High Bay — No Mount — High Lumen Model



± mb applicable for select Cold Temperature configurations only.

Lighting

# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

### Hazardous Locations

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**Photometric Data — DATA SHOWN IS ABSOLUTE**

**Aisle, Clear Glass, 5000K CCT**

REPORT NUMBER: **BLLPL6CGANBU**

Luminaire Lumens 9,679

**POLAR CANDELA DISTRIBUTION**

— 0° H  
 - - - 90° H

**Aisle, Clear Glass, 3000K CCT**

REPORT NUMBER: **BLLPL6WGANBU**

Luminaire Lumens 8,432

**POLAR CANDELA DISTRIBUTION**

— 0° H  
 - - - 90° H

**Aisle, Clear Glass, 5000K CCT**

REPORT NUMBER: **BLLPL7CGANBU**

Luminaire Lumens 15,234

**POLAR CANDELA DISTRIBUTION**

— 0° H  
 - - - 90° H

**Aisle, Clear Glass, 3000K CCT**

REPORT NUMBER: **BLLPL7WGANBU**

Luminaire Lumens 12,579

**POLAR CANDELA DISTRIBUTION**

— 0° H  
 - - - 90° H

**Aisle, Clear Glass, 5000K CCT**

REPORT NUMBER: **BLLPL8CGANBU**

Luminaire Lumens 19,774

**POLAR CANDELA DISTRIBUTION**

— 0° H  
 - - - 90° H

**Aisle, Clear Glass, 3000K CCT**

REPORT NUMBER: **BLLPL8WGANBU**

Luminaire Lumens 16,350

**POLAR CANDELA DISTRIBUTION**

— 0° H  
 - - - 90° H

*† mb applicable for select Cold Temperature configurations only.*

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# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

### Hazardous Locations

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 Markings: CE | UKCA | UKEX  
 Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

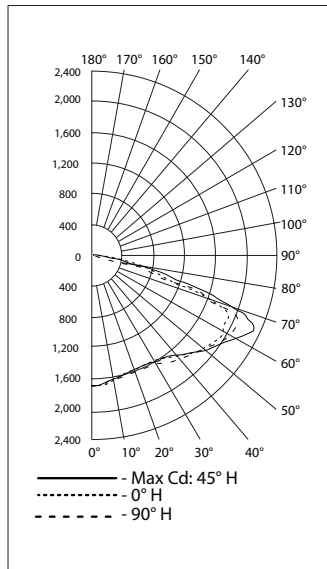
#### Photometric Data — DATA SHOWN IS ABSOLUTE

##### Type V Wide, Clear Glass, 5000K CCT

REPORT NUMBER: BLLPL6CGWNBU

Luminaire Lumens 8,682

###### POLAR CANDELA DISTRIBUTION

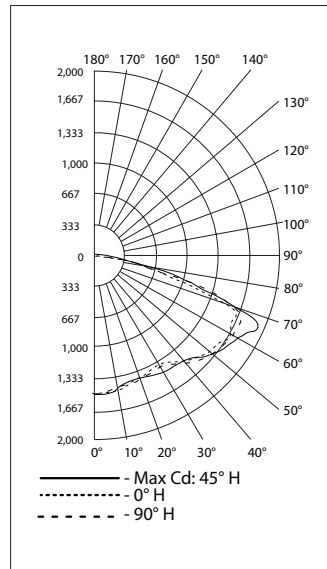


##### Type V Wide, Clear Glass, 3000K CCT

REPORT NUMBER: BLLPI6GWNBU

Luminaire Lumens 7,506

###### POLAR CANDELA DISTRIBUTION

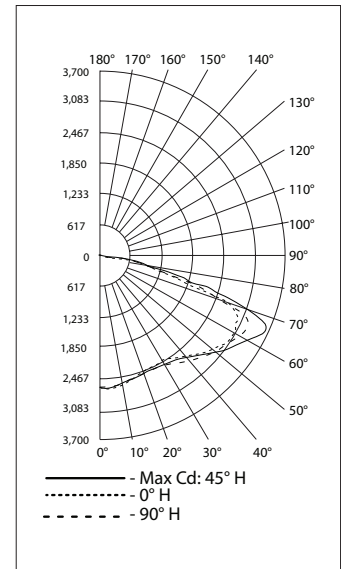


##### Type V Wide, Clear Glass, 5000K CCT

REPORT NUMBER: BLLPL7CGWNBU

Luminaire Lumens 13,608

###### POLAR CANDELA DISTRIBUTION

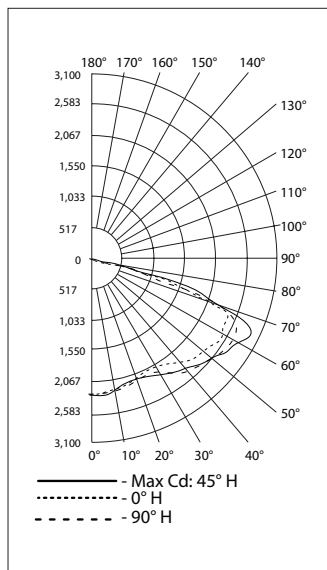


##### Type V Wide, Clear Glass, 3000K CCT

REPORT NUMBER: BLLPI7GWNBU

Luminaire Lumens 11,351

###### POLAR CANDELA DISTRIBUTION

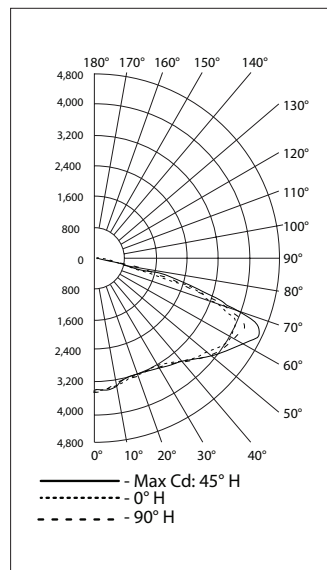


##### Type V Wide, Clear Glass, 5000K CCT

REPORT NUMBER: BLLPL8CGWNBU

Luminaire Lumens 17,710

###### POLAR CANDELA DISTRIBUTION

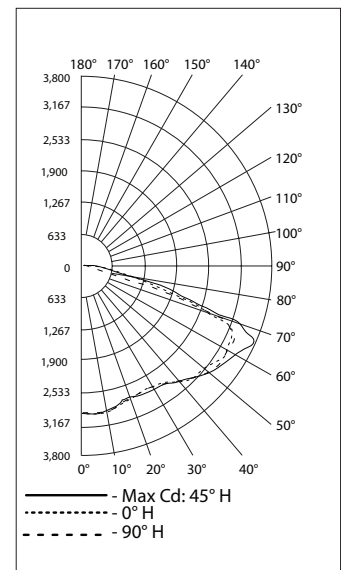


##### Type V Wide, Clear Glass, 3000K CCT

REPORT NUMBER: BLLPL8GWNBU

Luminaire Lumens 14,676

###### POLAR CANDELA DISTRIBUTION



<sup>†</sup> mb applicable for select Cold Temperature configurations only.



Lighting

# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

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 Markings: CE | UKCA | UKEX  
 Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

**Photometric Data — DATA SHOWN IS ABSOLUTE**

**Type V, Clear Glass, 3000K CCT**

REPORT NUMBER: BLLPL6CGMNB

Luminaire Lumens 9,758

**POLAR CANDELA DISTRIBUTION**

— 0° H  
 - - - - - 90° H

**Type V, Clear Glass, 5000K CCT**

REPORT NUMBER: BLLPL7CGMNB

Luminaire Lumens 15,392

**POLAR CANDELA DISTRIBUTION**

— 0° H  
 - - - - - 90° H

**Type V, Clear Glass, 5000K CCT**

REPORT NUMBER: BLLPL8CGMNB

Luminaire Lumens 20,097

**POLAR CANDELA DISTRIBUTION**

— 0° H  
 - - - - - 90° H

**Type V, Frosted Glass, 5000K CCT**

REPORT NUMBER: BLLPL6CFMNB

Luminaire Lumens 8,209

**POLAR CANDELA DISTRIBUTION**

— 0° H    - - - - - 22.5° H  
 - - - - - 90° H    - - - - - 45° H  
 - - - - -    - - - - - 67.5° H

**Type V, Frosted Glass, 5000K CCT**

REPORT NUMBER: BLLPL7CFMNB

Luminaire Lumens 12,955

**POLAR CANDELA DISTRIBUTION**

— 0° H    - - - - - 22.5° H  
 - - - - - 90° H    - - - - - 45° H  
 - - - - -    - - - - - 67.5° H

**Type V, Clear Glass, 5000K CCT**

REPORT NUMBER: BLLPL8CFMNB

Luminaire Lumens 16,711

**POLAR CANDELA DISTRIBUTION**

— 0° H    - - - - - 22.5° H  
 - - - - - 90° H    - - - - - 45° H  
 - - - - -    - - - - - 67.5° H

± mb applicable for select Cold Temperature configurations only.

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# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

### Hazardous Locations

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 Markings: CE | UKCA | UKEX  
 Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

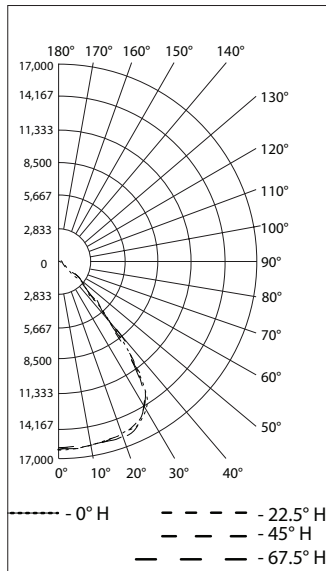
#### Photometric Data — DATA SHOWN IS ABSOLUTE

##### Type V Narrow, Clear Glass, 5000K CCT

REPORT NUMBER: BHLPL1CGNNBU

Luminaire Lumens 24,459

###### POLAR CANDELA DISTRIBUTION

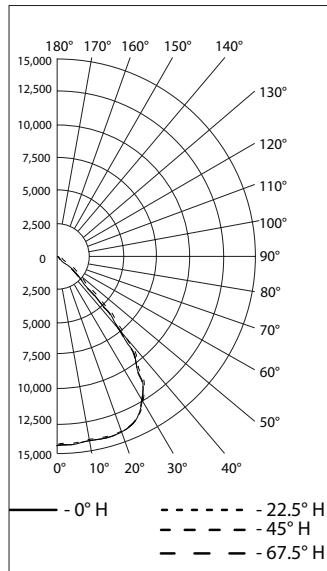


##### Type V Narrow, Clear Glass, 3000K CCT

REPORT NUMBER: BHLPL1WGNNBU

Luminaire Lumens 21,648

###### POLAR CANDELA DISTRIBUTION

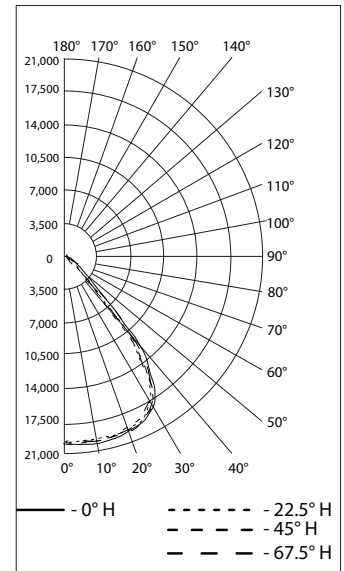


##### Type V Narrow, Clear Glass, 5000K CCT

REPORT NUMBER: BHLPL2CGNNBU

Luminaire Lumens 30,396

###### POLAR CANDELA DISTRIBUTION

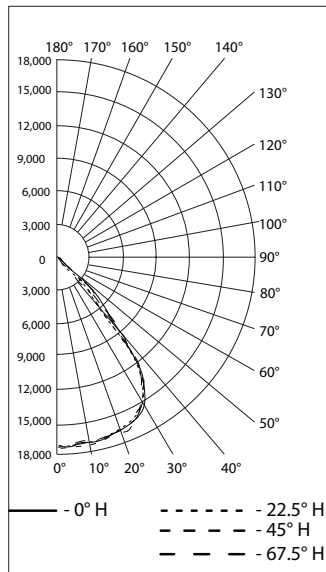


##### Type V Narrow, Clear Glass, 3000K CCT

REPORT NUMBER: BHLPL2WGNNBU

Luminaire Lumens 25,785

###### POLAR CANDELA DISTRIBUTION

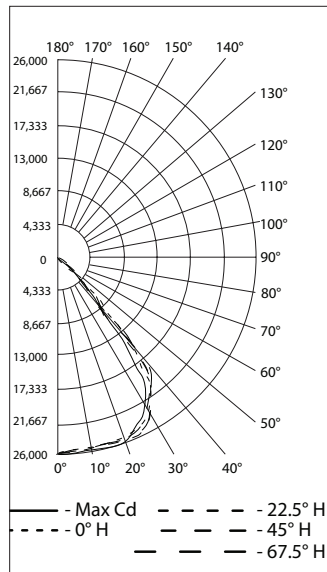


##### Type V Narrow, Clear Glass, 5000K CCT

REPORT NUMBER: BHLPL3CGNNBU

Luminaire Lumens 39,041

###### POLAR CANDELA DISTRIBUTION

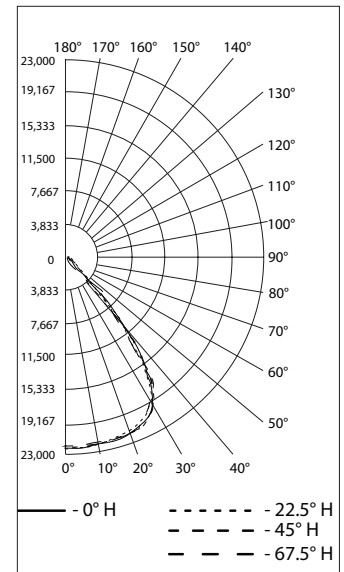


##### Type V Narrow, Clear Glass, 3000K CCT

REPORT NUMBER: BHLPL3WGNNBU

Luminaire Lumens 33,341

###### POLAR CANDELA DISTRIBUTION



± mb applicable for select Cold Temperature configurations only.

Lighting

# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

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**Photometric Data — DATA SHOWN IS ABSOLUTE**

**Type V Wide, Clear Glass, 5000K CCT**

REPORT NUMBER: BHLPL1CGWNBU

Luminaire Lumens 20,665

**POLAR CANDELA DISTRIBUTION**

0° H      - - - - - 22.5° H  
 - - - - - 45° H  
 - - - - - 67.5° H

**Type V Wide, Clear Glass, 3000K CCT**

REPORT NUMBER: BHLPL1WGWNB

Luminaire Lumens 18,689

**POLAR CANDELA DISTRIBUTION**

0° H      - - - - - 22.5° H  
 - - - - - 45° H  
 - - - - - 67.5° H

**Type V Wide, Clear Glass, 5000K CCT**

REPORT NUMBER: BHLPL2CGWNBU

Luminaire Lumens 25,896

**POLAR CANDELA DISTRIBUTION**

0° H      - - - - - 22.5° H  
 - - - - - 45° H  
 - - - - - 67.5° H

**Type V Wide, Clear Glass, 3000K CCT**

REPORT NUMBER: BHLPL2WGWNB

Luminaire Lumens 22,278

**POLAR CANDELA DISTRIBUTION**

0° H      - - - - - 22.5° H  
 - - - - - 45° H  
 - - - - - 67.5° H

**Type V Wide, Clear Glass, 5000K CCT**

REPORT NUMBER: IBHLPL3CGWNBU

Luminaire Lumens 33,374

**POLAR CANDELA DISTRIBUTION**

0° H      - - - - - 22.5° H  
 - - - - - 45° H  
 - - - - - 67.5° H

**Type V Wide, Clear Glass, 3000K CCT**

REPORT NUMBER: BHLPL3WGWNB

Luminaire Lumens 28,864

**POLAR CANDELA DISTRIBUTION**

0° H      - - - - - 22.5° H  
 - - - - - 45° H  
 - - - - - 67.5° H

± mb applicable for select Cold Temperature configurations only.

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# Baymaster™ and High Lumen LED Series Luminaires

## High Bay

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 Markings: CE | UKCA | UKEX  
 Notable: American Bureau of Shipping (ABS) Certified | 10G Vibration (BLLL and BHLL models only)

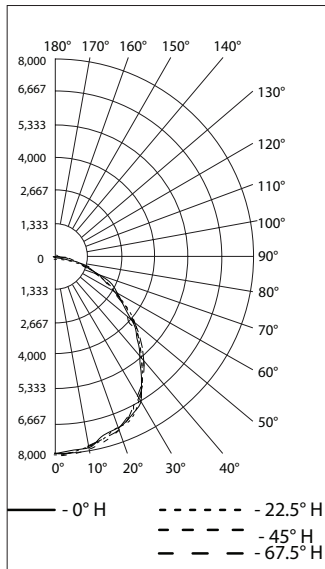
#### Photometric Data — DATA SHOWN IS ABSOLUTE

##### Type V Medium, Frosted Glass, 5000K CCT

REPORT NUMBER: BHLPL1CFMNBU

Luminaire Lumens 20,801

###### POLAR CANDELA DISTRIBUTION

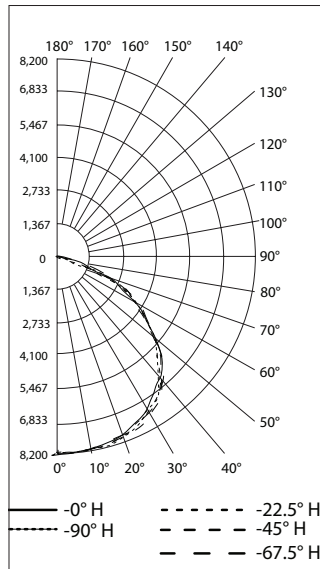


##### Type V Medium, Clear Glass, 5000K CCT

REPORT NUMBER: BHLPL1CGMNBU

Luminaire Lumens 24,352

###### POLAR CANDELA DISTRIBUTION

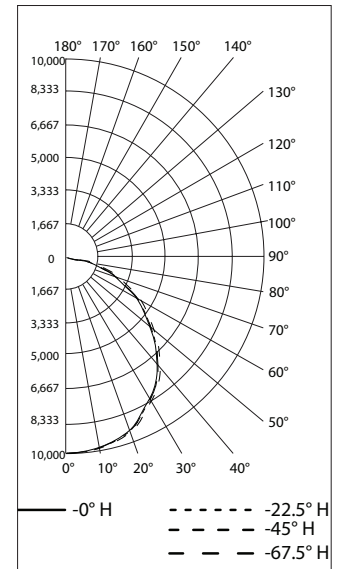


##### Type V Medium, Frosted Glass, 5000K CCT

REPORT NUMBER: BHLPL2CFMNBU

Luminaire Lumens 25,979

###### POLAR CANDELA DISTRIBUTION

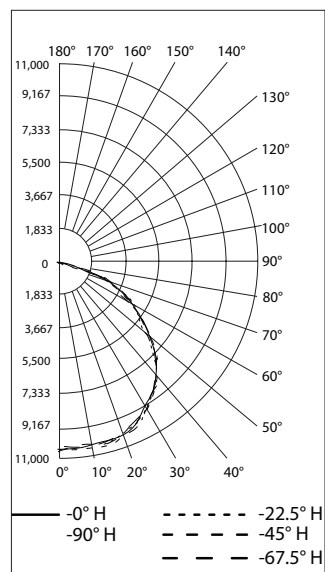


##### Type V Medium, Clear Glass, 5000K CCT

REPORT NUMBER: BHLPL2CGMNBU

Luminaire Lumens 30,375

###### POLAR CANDELA DISTRIBUTION

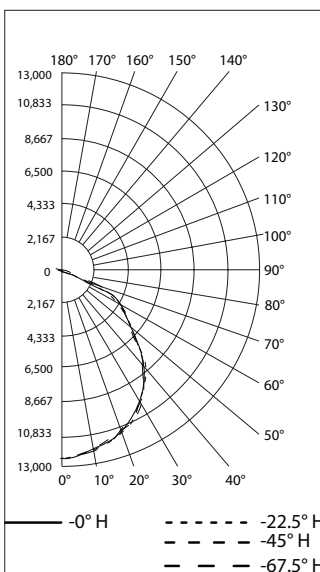


##### Type V, Frosted Glass, 5000K CCT

REPORT NUMBER: BHLPL3CFMNBU

Luminaire Lumens 32,107

###### POLAR CANDELA DISTRIBUTION

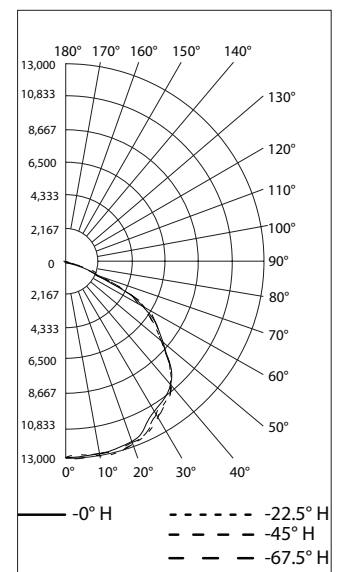


##### Type V, Clear Glass, 5000K CCT

REPORT NUMBER: BHLPL3CGMNBU

Luminaire Lumens 37,574

###### POLAR CANDELA DISTRIBUTION



± mb applicable for select Cold Temperature configurations only.