# INDUSTRIAL BAYMASTER™ LED LUMINAIRE

- Three lumen outputs provide up to 19,500 lumens.
- 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 1/2" 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

## SUITABLE LOCATIONS
- Powerful, efficient weatherproof lighting for applications such as:
  — Warehouses
  — Waste water treatment facilities
  — Production facilities
  — Processing plants
  — Storage areas
- Locations requiring IP66/67, Type 4X, marine and wet location.
- Locations requiring dependable, consistent lighting in extreme hot/cold temperature environments.

## 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 $^1/_2$") 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

## NEC/CEC RATINGS
- UL Standards:
  — UL1598, Luminaires
  — UL1598A, Luminaires for Installation on Marine Vessels
  — UL 8750, LED Equipment for Use in Lighting Products
- CSA Standards:
  — CSA C22.2 No. 250.0, Luminaires
- cCSAus: 164460, Certificate Number: 70073607
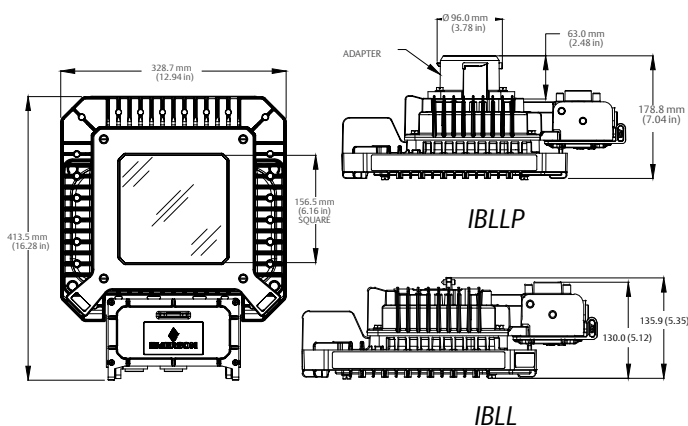
## DESIGNLIGHTS™ CONSORTIUM
- All models pending.

For product information:
www.appletonelec.com
1.800.621.1506

APPLETON™

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| | | IBLLL6/IBLLPL6 | IBLLL7/IBLLPL7 | IBLLL8/IBLLPL8 |
|---|---|---|---|---|
| Equivalent to HPS/PSMH | | 175-250 Watt | 250-400 Watt | 400-750 Watt |
| Input Power | | 70 Watt | 110 Watt | 150 Watt |
| Voltage Range | BU | 120-277 Vac, 50/60 Hz, 170-300 Vdc | 120-277 Vac, 50/60 Hz, 170-300 Vdc | 120-277 Vac, 50/60 Hz, 170-300 Vdc |
| | BH | 347-480 Vac, 50/60 Hz | 347-480 Vac, 50/60 Hz | 347-480 Vac, 50/60 Hz |
| Luminous Flux (Efficacy) ① for 5000K Clear | Type I (Aisle) | 9700 (139) | 15200 (138) | 19800 (132) |
| | Type V Medium (120° beam angle) | 9800 (140) | 15400 (140) | 20100 (134) |
| | Type V Wide (140° beam angle) | 8700 (124) | 13600 (124) | 17700 (118) |
| Correlated Color Temperature (CCT) | | 3000K/5000K | 3000K/5000K | 3000K/5000K |
| Color Rendering Index (CRI) | | 80/70 | 80/70 | 80/70 |
| Ambient Temperature (NEC/CEC) | | −40 °C (−40 °F) to +65 °C (+149 °F) | −40 °C (−40 °F) to +65 °C (+149 °F) | −40 °C (−40 °F) to +65 °C (+149 °F) |
| Luminaire Weight | | 9.8 kg (22 lb) | 9.8 kg (22 lb) | 9.8 kg (22 lb) |
| Standard Materials | | Housing: copperfree aluminum | | |
| | | Finish: baked grey epoxy clad finish | | |
| | | Lens: thermal shock- and impact-resistant glass or optional frosted glass | | |
| Lifetime | | >100,000 hours @ +40 °C (+104 °F) ambient temperature | | |
| | | >60,000 hours @ +65 °C (+149 °F) ambient temperature | | |
| Warranty | | 5 years standard; 10 years for models with secondary optic and extra surge protection | | |

① *All values typical +/-10%*



*IBLLP*

*IBLL*

# Product Ordering Guide

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

*Example: IBLLPL7CGMNBUS*

② *3000K CCT (Warm) is only available with Type V Wide or Aisle light patterns*
③ *Frosted Glass is only available with Type V Medium light pattern*
④ *Use of fuse voids Marine rating.*

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