

PROJECT NAME:	
CATALOG NUMBER:	FIXTURE TYPE:
VOLTS/WATTS:	LAMPS/BOARD:



BLIZZARD EXT FROSTED - 100W LED

WET LOCATION

FEATURES

- Effective Heat Management System (Std)
- Frosted Acrylic Lens (Std), Clear Acrylic Lens (CAL) or Clear Polycarbonate Lens (PCL) Available
- V-Hooks for Chain or Cable Hanging (Standard)
- Optional Rigid Mounting Beam (RMB) allows for: Secure Ceiling Mount or Dual Pendant Mount
- Marine Grade 316 Stainless Steel (Std) or Optional Secure Locking Plastic Latches/Hardware
- 5 Year Warranty
- Fiberglass Body Attributes
 - IP65, IP66 & IP67 (Dust Tight, Low Pressure Water Jets, High Pressure Water Jets, and Immerse 1M)
 - NEMA4X, NSF Rated & 5VA Flame Rating
- DesignLights Consortium® Qualified Luminaire⁽¹⁾

REPLACES 250W MH



Shown with RMBSS Option

LED SYSTEM

Board (LG Chips)	4 x 56
Calculated L ₇₀ (TM-21)	86,000 hours
Delivered Lumens	11,596 lm
Total Input Watts	109.6 W
Luminaire Efficacy Rating (LER)	105.8 lm/W
Correlated Color Temperature (CCT)	5000 K
Color Rendering Index (CRI)	> 80
Maximum Ambient Temperature	130° F
Minimum Ambient Temperature	-40° F
Universal Driver	120-277 V

LED System data above based on BLEXT-100WLED-UNIV-50-FRAL
 LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient
⁽¹⁾ Specific Configurations Listed on DLC

SUITABLE APPLICATIONS

- Coolers / Freezers
- Food Preparation
- High Bay / Low Bay
- Commercial or Industrial Building
- Warehouse, Distribution Center, or Manufacturing Plant



Ordering Guide

BLEXT	100WLED	UNIV	50	CAL
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Series	LED	Driver	Color	Options
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|--------------------------------|--------------|----------------------------------|------------|-------------------------------|----------------|------------------------------|------------------------------|---|---|
| <input type="checkbox"/> BLEXT | Blizzard EXT | <input type="checkbox"/> 100WLED | 4x56 Board | <input type="checkbox"/> UNIV | 120-277 Driver | <input type="checkbox"/> 40* | <input type="checkbox"/> 50* | <input type="checkbox"/> CAL | Clear Acrylic Lens |
| | | | | | | | | <input checked="" type="checkbox"/> FRAL* | Frosted Acrylic Lens |
| | | | | | | | | <input type="checkbox"/> PCL | Clear Polycarbonate Lens |
| | | | | | | | | <input type="checkbox"/> DIM | 0-10V Dimmable Driver |
| | | | | | | | | <input type="checkbox"/> FIOS | On/Off Occupancy Sensor Installed |
| | | | | | | | | <input type="checkbox"/> FIOSPC | On/Off Occupancy Sensor w/ Photocell |
| | | | | | | | | <input type="checkbox"/> WLOS | Wet Location Sensor Installed |
| | | | | | | | | <input type="checkbox"/> USDC | User Selectable Dimming Control |
| | | | | | | | | <input type="checkbox"/> USBD | User Select Bi-level Dim w/ Occ. Sensor |
| | | | | | | | | <input type="checkbox"/> BDxx | Preset Bi-level Dim Sensor (xx=% eg. 20,30) |
| | | | | | | | | <input type="checkbox"/> BDxxPC | Preset Bi-level Dim Sensor w/ Photocell |
| | | | | | | | | <input type="checkbox"/> DHPC | Daylight Harvesting |
| | | | | | | | | <input type="checkbox"/> PCxxx | Photocell (xxx = Voltage) |
| | | | | | | | | <input type="checkbox"/> SD480** | 480V Step Down Transformer |
| | | | | | | | | <input type="checkbox"/> FI/ILBCP05 | 5W LED Factory Installed Battery Backup |
| | | | | | | | | <input type="checkbox"/> FI/ILBCP07 | 7W LED Factory Installed Battery Backup |
| | | | | | | | | <input type="checkbox"/> FI/ILBCP10 | 10W LED Factory Installed Battery Backup |
| | | | | | | | | <input type="checkbox"/> FI/ILBCP12 | 12W LED Factory Installed Battery Backup |
| | | | | | | | | <input type="checkbox"/> CLD | For Below 0° C/32° F Environment |
| | | | | | | | | <input type="checkbox"/> CORDWx | Wet Location Strain Relief Cord (X = ft) |
| | | | | | | | | <input type="checkbox"/> HB-XX-18Y-PAD | Y-Toggle Cable System (XX = in) |
| | | | | | | | | <input type="checkbox"/> RMBSS | Rigid Mounting Beam (SS) |

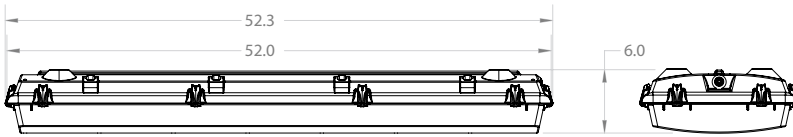
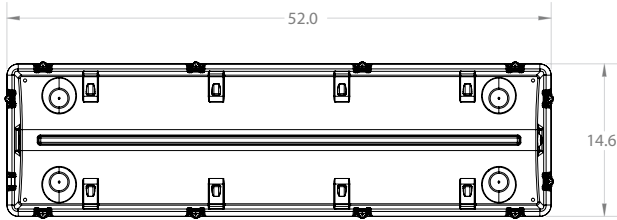
*DLC Listed Config.

**Does not meet DLC

*Battery Backup Options See Field Installed LED BB Sheet.

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WET LOCATION



MOUNTING OPTIONS

- V-Hooks (Std) for Dual Point Chain or Cable Hanging
- Optional Rigid Mounting Beam allows for:
 - Secure Ceiling Mount
 - Dual Pendant Mount (with 1/2" Conduit Hubs)
- HB-60-18Y-PAD - Y-Paddle Cables



Straps w/ V-Hook



Rigid Mounting Beam

HB-60-18Y-PAD



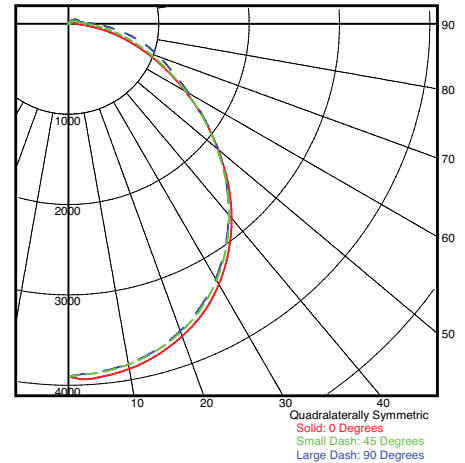
BLEXT-100WLED-UNIV-FRAL

LUMINAIRE OUTPUT = 11216 LM
120.0V 0.9176A 109.6W PF= 0.995

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	96.6 %
EFFICIENCY (Uplight):	3.4 %
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION (0-Deg.):	1.26
LUMENS/LAMP:	11222.08
NO. OF LAMPS:	1
LUMINOUS OPENING: RECTANGULAR	
Width:	1.10 (Feet)
Length:	4.17
Height:	0.25
INPUT WATTS:	109.6

PLANE AND CONE DIAGRAM



Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

Industrial Lighting Products

LED
lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens)	11596
Watts	109.6
Lumens per Watt (Efficacy)	105

Color Accuracy Color Rendering Index (CRI)	80
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Light Color Correlated Color Temperature (CCT)	5000 (Daylight)
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2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the *Label Reference Guide*.

Registration Number: -QZ7CVK (12/17/2013)
Model Number: BLEXT-100WLED-UNIV-5000K-FRAL
Type: Luminaire - Industrial