

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



## BLIZZARD EXT - 100W LED

WET LOCATION

### FEATURES

- Effective Heat Management System (Std)
- Clear Acrylic Lens (Std), Frosted Acrylic Lens (FRAL) 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<sup>(1)</sup>

**REPLACES 250W MH**



Shown with RMBSS Option



### LED SYSTEM

Board (LG Chips)	4 x 56
Calculated L70 (TM-21)	86,000 hours
Delivered Lumens	12,166 lm
Total Input Watts	109.6 W
Luminaire Efficacy Rating (LER)	111.0 lm/W
Correlated Color Temperature (CCT)	5000K
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-CAL

LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient

<sup>(1)</sup> 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

NEMA4X



### Ordering Guide

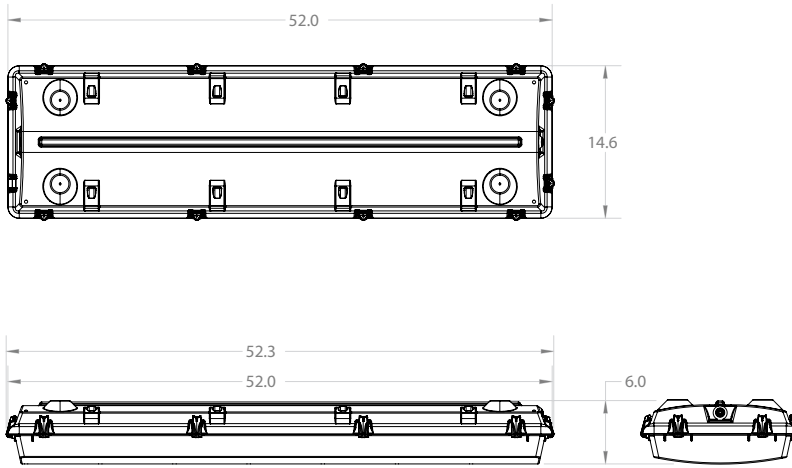
BLEXT	100WLED	UNIV	50	CAL
Series	LED	Driver	Color	Options
<input type="checkbox"/> BLEXT Blizzard EXT	<input type="checkbox"/> 100WLED 4x56 Board	<input type="checkbox"/> UNIV 120-277 Driver	<input type="checkbox"/> 40* <input type="checkbox"/> 50* *DLC Listed Config.	<input checked="" type="checkbox"/> CAL* Clear Acrylic Lens <input 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)

\*\*Does not meet DLC

\*Battery Backup Options See Field Installed LED BB Sheet.

# BLIZZARD EXT - 100W LED

## 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

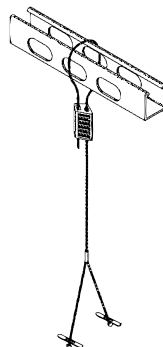


Straps w/ V-Hook



Rigid Mounting Beam

HB-60-18Y-PAD



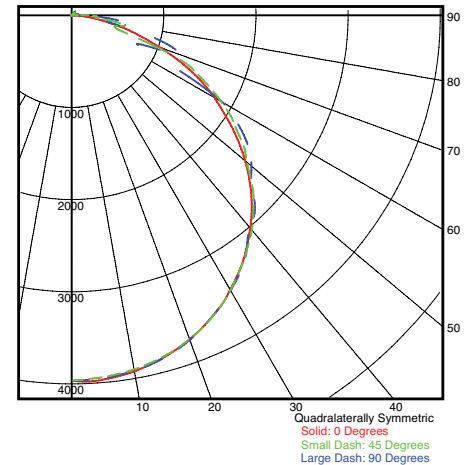
## BLEXT-100WLED-UNIV-CAL

LUMINAIRE OUTPUT = 11762 LM  
120.1V 0.9174A 109.6W PF= 0.995

### SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	99.1 %
EFFICIENCY (Uplight):	0.9 %
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION (0-Deg.):	1.29
LUMENS/LAMP:	11773.48
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](http://www.ilp-inc.com)

LED

Industrial Lighting Products

lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)	12190
Watts	109.6
Lumens per Watt (Efficacy)	111

Color Accuracy	87
Color Rendering Index (CRI)	

Light Color

Correlated Color Temperature (CCT)

5241 (Daylight)

Warm White

Bright White

Daylight

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](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: -DZV5RO (1/13/2014)  
Model Number: BLEXT-100WLED-UNIV-5000K-CAL  
Type: Luminaire - Industrial