

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)
  - NEMA4 & NSF Rated Components, 5VA Flame Rating
- DesignLights Consortium® Qualified Luminaire<sup>(1)</sup>

**REPLACES 250W MH**



Shown with RMBSS Option

### LED SYSTEM

Board (LG Chips)	<b>4 x 56</b>
Calculated L <sub>70</sub> (TM-21)	<b>86,000 hours</b>
Delivered Lumens	<b>12,166 lm</b>
Total Input Watts	<b>109.6 W</b>
Luminaire Efficacy Rating (LER)	<b>111.0 lm/W</b>
Correlated Color Temperature (CCT)	<b>5000K</b>
Color Rendering Index (CRI)	<b>&gt; 80</b>
Maximum Ambient Temperature	☐
Minimum Ambient Temperature	☐
Universal Driver	<b>120-277 V</b>

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
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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 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)

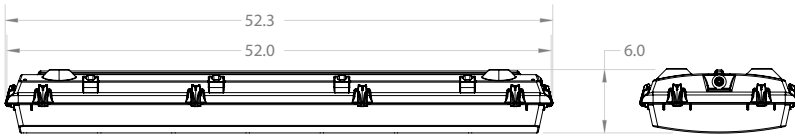
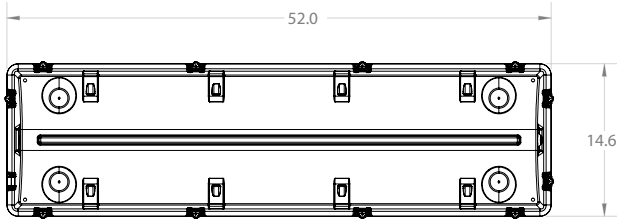
\*DLC Listed Config.

\*\*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

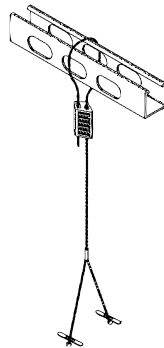


Straps w/ V-Hook



Rigid Mounting Beam

HB-60-18Y-PAD



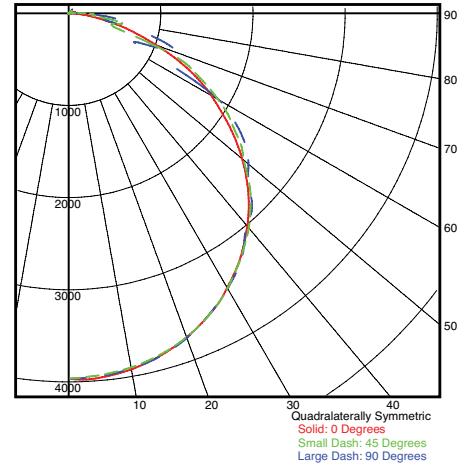
## BLEXT-100WLED-UNIV-CAL

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)

Industrial Lighting Products

**LED**  
**lighting facts**<sup>®</sup>  
A Program of the U.S. DOE

<b>Light Output (Lumens)</b>	<b>12190</b>
<b>Watts</b>	<b>109.6</b>
<b>Lumens per Watt (Efficacy)</b>	<b>111</b>

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<b>Color Accuracy</b> Color Rendering Index (CRI)	<b>87</b>
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<b>Light Color</b> Correlated Color Temperature (CCT)	<b>5241 (Daylight)</b>
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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](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