

Project Name:

Part Number:

Type:

# BLIZZARD EXT SERIES

## WET LOCATION

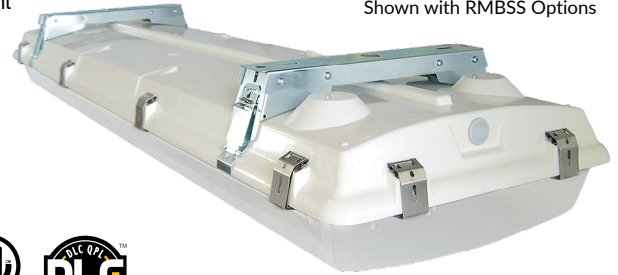
### FEATURES

- Clear Acrylic Lens (cal), Frosted Acrylic (f r al), Polycarbonate Lens (pcl), or Frosted Polycarbonate Lens (f /pcl) available
- V-Hooks for chain or cable hanging (std.)
- Optional Rigid Mounting Beam (rmbss) allows for secure ceiling mount/dual pendant mount
- Marine grade 316 stainless steel (std.)
- 120V-277V 0-10V Dimming Driver Standard
- 5 Year Warranty
- ETL Wet location rated
- Fiberglass body attributes:
  - IP65, IP66, IP67 (Dust tight, low/high pressure water jets and immerse 1M)
  - NEMA4X, NSF Rated & 5VA Flame Rating
- DesignLights Consortium® Qualified Luminaire



407-478-3759  
www.ilp-inc.com

Shown with RMBSS Options



**REPLACES**  
250W MH, 320W MH

### SUITABLE APPLICATIONS

- Coolers / Freezers
- Commercial or Industrial Buildings
- Food Preparation
- Warehouse

### LED SYSTEMS INFO

	140W	CAL	FRAL	190W	CAL	FRAL
Calculated L <sub>70</sub> (TM-21) Hours	>100K	>100K	>100K	>100K	>100K	>100K
Delivered Lumens	16,869 lm	16,457 lm	16,457 lm	23,283 lm	22,357 lm	22,357 lm
Total Input Watts	139 W	139 W	139 W	192 W	192 W	192 W
Luminaire Efficacy Rating (LER)	121 lm/W	114 lm/W	114 lm/W	122 lm/W	117 lm/W	117 lm/W
Correlated Color Temperature (CCT)	5000K	5000K	5000K	5000K	5000K	5000K
Color Rendering Index (CRI)	>80	>80	>80	>80	>80	>80
Maximum Ambient Temperature	130°F	130°F	130°F	130°F	130°F	130°F
Minimum Ambient Temperature	-40°F	-40°F	-40°F	-35°F	-35°F	-35°F
Universal Driver	120-277 V	120-277 V	120-277 V	120-277 V	120-277 V	120-277 V

LED System data above based on BLEXT-140WLED-UNIV-50-CAL & BLEXT-190WLED-UNIV-50-CAL LED Lumen Maintenance  
Estimates based on TM-21 projections for the light source at 25°C ambient.

### ORDERING GUIDE:

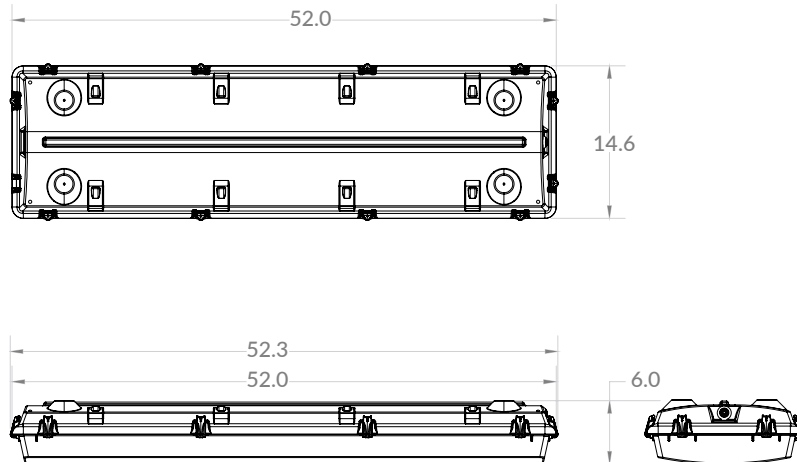
Series	Watts	Driver	Color	Options	
<b>BLEXT</b> Blizzard EXT	<b>140WLED</b> <b>190WLED</b>	<b>UNIV</b> 120-277 V Driver	<b>50</b> <b>40</b> <b>35</b> <b>30</b>	<b>CAL</b> <b>FRAL</b> <b>PCL*</b> <b>F/PCL</b> <b>CORDWx</b> <b>DIM</b> <b>WLOS</b> <b>WLOSPC</b> <b>USBD</b> <b>BDxx</b> <b>BDxxPC</b> <b>DHPC</b> <b>FIOS</b> <b>FIOSPC</b> <b>BLEXT-RMBSS</b> <b>RCMBKSS</b> <b>HUB</b> ½ CONDUIT <b>HB-XX-18Y-PAD</b> <b>FI/ILBCP05</b> <b>FI/ILBCP07</b> <b>FI/ILBCP10</b> <b>FI/ILBCP12</b> <b>LEDBBCT</b> <b>SD480*</b> <b>SD347*</b>	Clear Acrylic Lens (std.) Frosted Acrylic Lens Polycarbonate Lens Frosted Polycarbonate Lens Wet Location Strain Relief Cord (x = ft) 0-10V Dimmable Driver Wet Location Sensor Installed Wet Location Sensor w/ Photocell  Preset Bi-Level Dim Sensor (xx=%eg.20,30) Preset Bi-level Dim Sensor w/ Photocell Daylight Harvesting with Motion & Photocell  Surface Mount V-Clip Brackets Single Point Mounting Plate Conduit Hub 1/2" For Pendant Mounts Only (RCBKSS Only) Y-Toggle Cable System (xx = in) 5W LED Factory Installed Battery Backup (Operating temp down to 32°F) 7W LED Factory Installed Battery Backup (Operating temp down to 32°F) 10W LED Factory Installed Battery Backup (Operating temp down to 32°F) 12W LED Factory Installed Battery Backup (Operating temp down to 32°F) -4°F Cold Temp Battery Backup 480V Step Down Transformer 347V Step Down Transformer

\*Does not qualify for DLC

# BLIZZARD EXT SERIES

## VAPOR TIGHT HIGH BAY

### LINE DRAWING



### MOUNTING OPTIONS

- **V-Hooks (std)** - For Dual Point Chain or Cable Hanging
- **SMBKIT** - Surface Mount V-Clip Brackets (301 SS)
- **BLEXT-RMBSS** - Optional Rigid Mounting Beam allows for:
  - Secure Ceiling Mount
  - Dual Pendant Mount (1/2" Conduit Hubs required, sold separately)
- **HUB 1/2 CONDUIT** - Conduit Hub 1/2" (Must be used with RMBSS)
- **HB-XX-18Y-PAD** - Y-paddle Cable System (xx=in)
- **RCMBKSS** - Stainless Steel Rigid Center Mount Bracket for Single Point Mounting only. (Must be used RMBSS and 1/2 Conduit Hub)



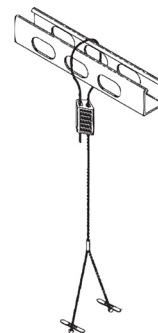
V-Hooks (std.)



SMBKIT



RMBSS



HB-XX-18Y-PAD



HUB 1/2

# BLIZZARD EXT SERIES

## VAPOR TIGHT HIGH BAY

### PHOTOMETRIC REPORTS

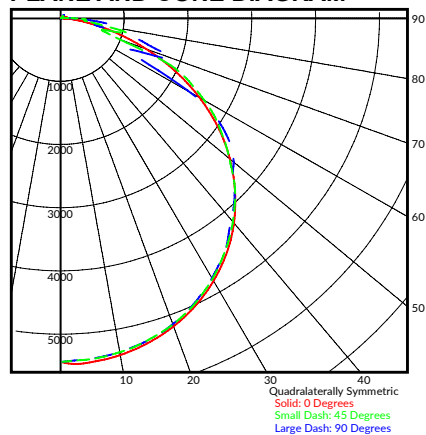
Photometric values based upon tests performed in compliance with LM-79. IE files can be downloaded at [www.ilp-inc.com](http://www.ilp-inc.com)

#### BLEXT-140WLED-UNIV-5000K-CAL

##### SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	99.1%
EFFICIENCY (Uplight):	0.9%
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION (0- Deg):	1.29
LUMENS/LAMP:	11773.5
INPUT WATTS:	109.6

##### PLANE AND CONE DIAGRAM

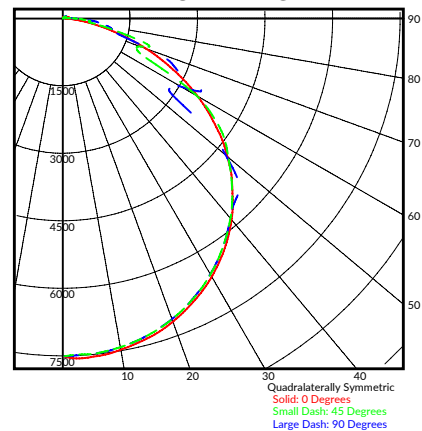


#### BLEXT-190WLED-UNIV-5000K-CAL

##### SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	98.7%
EFFICIENCY (Uplight):	1.3%
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION (0- Deg):	1.31
SPACING CRITERION (90- Deg):	1.30
LUMENS/LAMP:	16421.15
INPUT WATTS:	95.89

##### PLANE AND CONE DIAGRAM

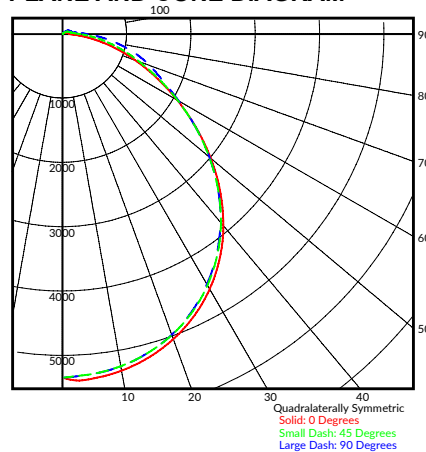


#### BLEXT-140WLED-UNIV-5000K-FRAL

##### SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	96.6%
EFFICIENCY (Uplight):	3.4%
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION (0- Deg):	1.26
LUMENS/LAMP:	11269.54
INPUT WATTS:	95.89

##### PLANE AND CONE DIAGRAM



#### BLEXT-190WLED-UNIV-5000K-FRAL

##### SUMMARY DATA

