

# BL736LED

HIGHBAY

Type: \_\_\_\_\_

Project: \_\_\_\_\_

**Delivered Lumens:**  
15,000 - 24,210 lm

**Input Wattage:**  
150W - 230W

**Efficacy:**  
Up to 103 lm/W

**Colour Temperatures:**  
3500K, 4000K, 5000K

**Projected Lumen Maintenance:**  
L<sub>80</sub> @ >60,000 hrs.



Surface and chain mount standard; hook, t-bar and pendant mounting optional

Weight: 15 lbs. / 7 kg.

Parabolic aluminium reflector and microprismatic tempered glass diffuser provides optimized light distribution and glare reduction.

The **BOXLED®** is wet location, IP66 rated. Durable powder coated die-cast construction provides resistance against moisture, dust and corrosion.

The **BOXLED®** is ideal for damp or wet applications including food preparations areas, warehouses, factories, gymnasiums, loading docks, logistic centers, natatoriums and open ceiling environments.

## Configurations

MODEL	OPERATION	LUMENS	DISTRIBUTION	COLOUR TEMP	INPUT	MOUNTING	OPTIONS
BL736LED	HT (AC only)	LO (15,000)	MBD (medium beam)	WT35' (3500K)	120-277V	[blank] (surface mount-std.)	SS <sup>5</sup> (stainless steel hardware)
		HO (24,210)	WBD (wide beam)	WT40 (4000K)	347V		FP (fuse protection)
			ASY (asymmetric)	WT50' (5000K)	SP (5 kV at 10kA surge protection)		
							EOS (external occupancy sensor)
							EM <sup>6</sup> (90 min emergency backup)

**NOTE<sup>1</sup>:** may be a longer lead time; **NOTE<sup>2</sup>:** PK, SPK options, min 6"; **NOTE<sup>3</sup>:** hook mount configuration requires factory install, **NOTE<sup>4</sup>:** specify length for AC: 50", 72", 150", 250" fully adjustable; **NOTE<sup>5</sup>:** order SS for natatorium applications; **NOTE<sup>6</sup>:** 90 minute run time, remote mounted, not available in 347V **NOTE:** please see below for available accessories (to be ordered as a separate line item).

### HOUSING:

- Low copper die-cast marine grade aluminum with integrated heat sink
- RAL 7040 grey powder coat finish
- Stainless steel hooks and housing latches
- Durable silicone perimeter gasket

### OPERATING TEMPERATURE:

-30°C to +45°C

### POWER LINE/FEED:

72" black, 18AWG, 300/600V, 5 conductor cord with 1/2" pre-stripped leads for quick in-field connection.

### ELECTRICAL:

- AC Input: 120-277V, 50-60Hz
- AC Input: 347V, 50-60Hz

### DIMMING:

0 - 10V dimming to 1% is standard. Compatible with most dimming systems.

### SANITATION LISTED:

Meets all food equipment NSF/ANSI 2 standards. The **BOXLED®** is suitable for use in food equipment environments.

### REFLECTOR:

Parabolic specular polished aluminum reflector offered in wide (70°) and medium (30° x 40°) and asymmetric (70° x 30°) configurations.

### DIFFUSER:

4mm tempered glass diffuser with microprismatic external surface to reduce glare.

### WARRANTY:

5 year LED warranty, see website for full warranty details.

### MOUNTING:

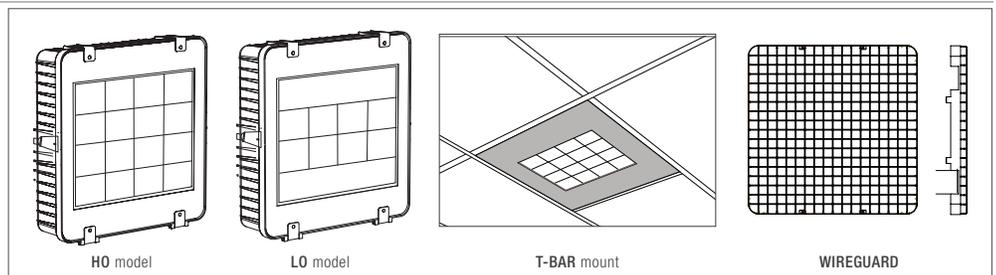
Surface mount and chain hang configurations are standard with integrated stainless steel mounting brackets and eyelets. Additional mounting systems offered include hook, aviation cable, t-bar and pendant.

### PHOTOBIOLOGICAL HAZARD:

Risk Group 0 (riskfree) rating (EN62471).

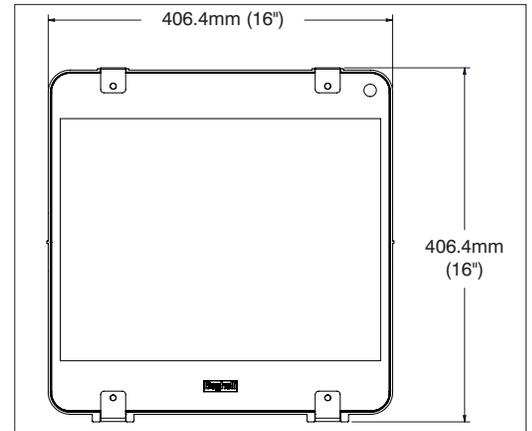
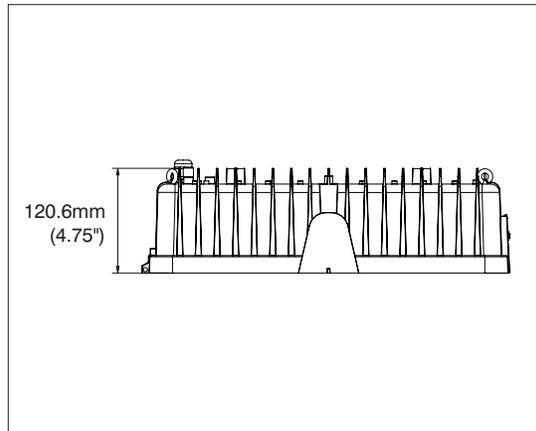
## BoxLED® accessories

MODEL	DESCRIPTION
WG	wire guard
T-BAR	t-bar mounting trim
SRC	shatter resistant coating
PK <sup>2</sup>	pendant kit
SVLPK <sup>2</sup>	swivel pendant kit
HK <sup>3</sup>	hook mount
AC <sup>4</sup>	aviation cable
TPM	twin post top mount
QPM	quadruple post top mount



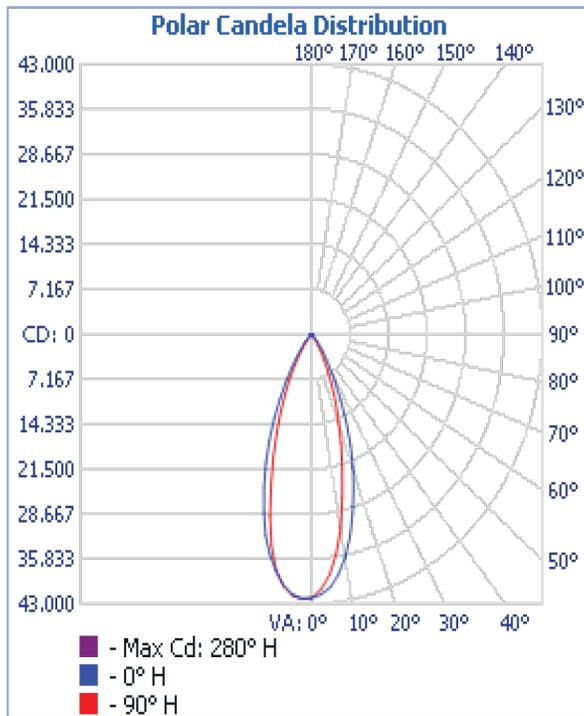
## BoxLED®

## Dimensions



### BL736LED-HT-HO-MBD-WT40-120-277V

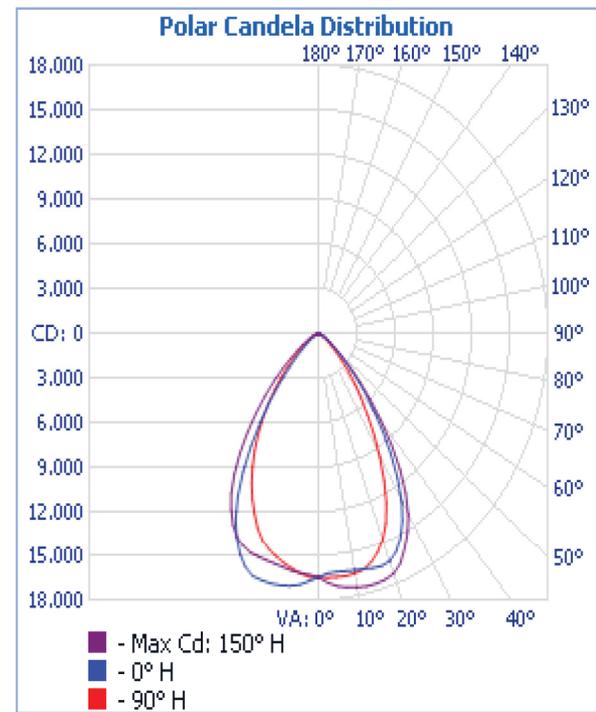
Luminous Intensity Distribution



tested in accordance with IESNA LM-80-08

### BL736LED-HT-HO-WBD-WT40-120-277V

Luminous Intensity Distribution



PHOTOMETRIC DATA

## Energy Chart

MODEL	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	L80 HOURS
BL736LED-HT-LO-MBD-WT40	100 lm/W	150	15,000	+80	>60,000
BL736LED-HT-LO-WBD-WT40	101 lm/W	150	15,170	+80	>60,000
BL736LED-HT-HO-MBD-WT40	101 lm/W	233	23,710	+80	>60,000
BL736LED-HT-HO-WBD-WT40	103 lm/W	233	24,210	+80	>60,000

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

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**Light Output (Lumens)** 24240  
**Watts** 233.82  
**Lumens per Watt (Efficacy)** 103.66

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**Color Accuracy**  
Color Rendering Index (CRI) 81

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**Light Color**  
Correlated Color Temperature (CCT) 4085 (Bright White)

Warm White      Bright White      Daylight  
2700K      3000K      4000K      6500K

All results are according to IESNA LM-79-2009. 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. Electronically controlled to maintain light output over time. Information based on initial test performance. Wattage may increase over time.

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

Registration Number: 489436X (8/22/2015)  
Model Number: BL736LEDHTHOBWWT40120-277V  
Type: Luminaire - Industrial