

# BL716LED

FLOODLIGHT

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

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

**BOXLED® MINI** is approved for operation in ambient temperature environments ranging from -30°C to +40°C

Ideal for both indoor and outdoor applications

A symmetrical or asymmetric parabolic reflector is offered. The microprismatic tempered glass diffuser provides optimized glare control

The **BOXLED® MINI** design is based on performance and reliability. IP66, 3G and IK09 ratings make it ideal for commercial and industrial applications

The **BOXLED® MINI** is a flood or accent light for wet applications such as flood lighting, accent lighting, monuments, security, parking lots, retail, and signage

**Delivered Lumens:**  
2,052 - 4,387 lm

**Input Wattage:**  
20W, 30W, 40W

**Efficacy:**  
Up to 111 lm/W

**Colour Temperatures:**  
3000K, 4000K, 5000K

**Projected Lumen Maintenance:**  
L<sub>70</sub>@ >60,000 hrs.



## Configurations

MODEL	OPERATION	LUMENS	DISTRIBUTION	COLOUR TEMP	INPUT	MOUNTING	OPTIONS
BL716LED	HT (AC only)	LO (2,170)	[blank] (symmetrical beam)	WT30 (3000K)	120-277V	[blank] (yoke bracket-std.)	SS (stainless steel hardware)
		MO (3,200)	ASY (asymmetric beam)	WT40 (4000K)			
		HO (4,219)		WT50 (5000K)			

### 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 gasket

### DIFFUSER:

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

### ELECTRICAL:

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

### POWER LINE FEED:

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

### 3G VIBRATION:

Conforms to the ANSI C136.31 test standard.

### NSF CERTIFIED:

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

### DISTRIBUTION:

Parabolic specular polished aluminum reflector offered in symmetric or asymmetric wide beam distribution.

### DIMMING:

0 - 10V dimming (0 - 100%) is standard. Compatible with most dimming systems.

### MOUNTING:

Adjustable yoke bracket adjusts in 15° increments from 0° to 180°. Optional aircraft cable, pendant, hook/chain. Chain supplied by others.

### WEIGHT:

2.6 lbs. / 1.2 kg.

### OPERATING TEMPERATURE:

-30°C to +40°C

### WARRANTY:

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

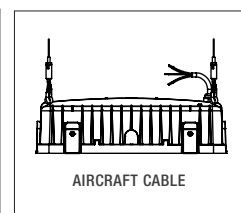
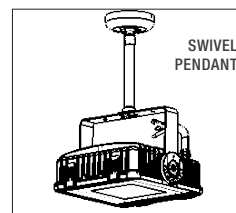
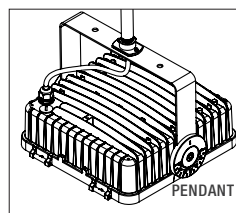
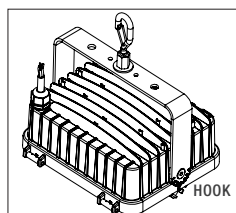
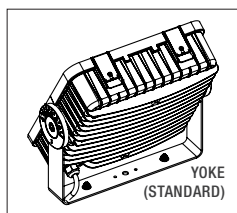
## BoxLED® Mini Accessories

MODEL	DESCRIPTION
PK <sup>1</sup>	pendant kit
SVLPK	swivel pendant kit
AC <sup>2</sup>	aircraft cable
HK	hook mount
SRC	shatter resistant coating

NOTE<sup>1</sup>: PK & SVLPK, options, min 12"

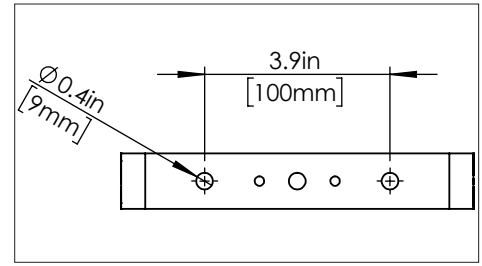
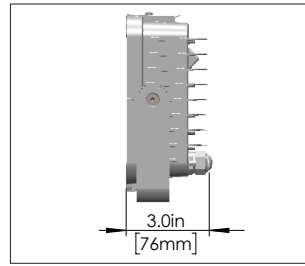
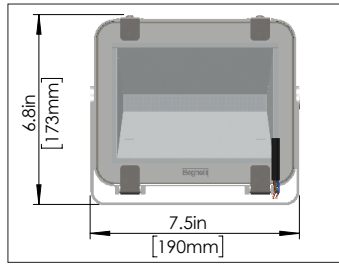
NOTE<sup>2</sup>: specify length for AC: 50", 72", 100", 150", 250" fully adjustable

## Mounting



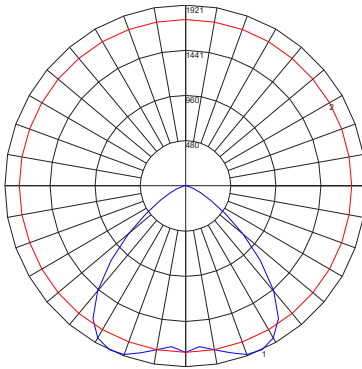
BoxLED® Mini

## Dimensions



### BL716LED-HT-HO-WT40-120-277V

Luminous Intensity Distribution



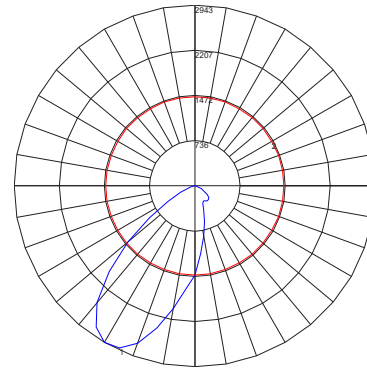
Tested in accordance with IESNA LM-80-08

### Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-20	688	16%
0-40	2627	62%
0-60	3967	94%
60-90	252	6%
0-180	4219	100%

### BL716LED-HT-HO-ASY-WT40-120-277V

Luminous Intensity Distribution



Tested in accordance with IESNA LM-80-08

### Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-20	554	14%
0-40	2184	55%
0-60	3639	92%
60-90	313	8%
0-180	3952	100%

PHOTOMETRIC DATA

## Energy Chart

MODEL	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	L70 HOURS	BUG RATING
BL716LED-HT-LO-WT30	104 lm/W	20	2,084	+80	>60,000	B2 U0 G1
BL716LED-HT-LO-WT40	108 lm/W	20	2,170	+80	>60,000	B2 U0 G1
BL716LED-HT-LO-WT50	113 lm/W	20	2,257	+80	>60,000	B2 U0 G1
BL716LED-HT-MO-WT30	102 lm/W	30	3,074	+80	>60,000	B3 U0 G1
BL716LED-HT-MO-WT40	107 lm/W	30	3,200	+80	>60,000	B3 U0 G1
BL716LED-HT-MO-WT50	111 lm/W	30	3,328	+80	>60,000	B3 U0 G1
BL716LED-HT-HO-WT30	101 lm/W	40	4,051	+80	>60,000	B3 U0 G1
BL716LED-HT-HO-WT40	105 lm/W	40	4,219	+80	>60,000	B3 U0 G1
BL716LED-HT-HO-WT50	110 lm/W	40	4,387	+80	>60,000	B3 U0 G1
BL716LED-HT-LO-ASY-WT30	95 lm/W	20	1,895	+80	>60,000	B2 U0 G1
BL716LED-HT-LO-ASY-WT40	99 lm/W	20	1,974	+80	>60,000	B2 U0 G1
BL716LED-HT-LO-ASY-WT50	103 lm/W	20	2,052	+80	>60,000	B2 U0 G1
BL716LED-HT-MO-ASY-WT30	95 lm/W	30	2,853	+80	>60,000	B2 U0 G1
BL716LED-HT-MO-ASY-WT40	99 lm/W	30	2,971	+80	>60,000	B2 U0 G1
BL716LED-HT-MO-ASY-WT50	103 lm/W	30	3,090	+80	>60,000	B2 U0 G1
BL716LED-HT-HO-ASY-WT30	95 lm/W	40	3,795	+80	>60,000	B3 U0 G1
BL716LED-HT-HO-ASY-WT40	99 lm/W	40	3,952	+80	>60,000	B3 U0 G1
BL716LED-HT-HO-ASY-WT50	103 lm/W	40	4,109	+80	>60,000	B3 U0 G1

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