

# BL716LED

FLOODLIGHT

**Delivered Lumens:**  
2,084 - 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.



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

## Configurations

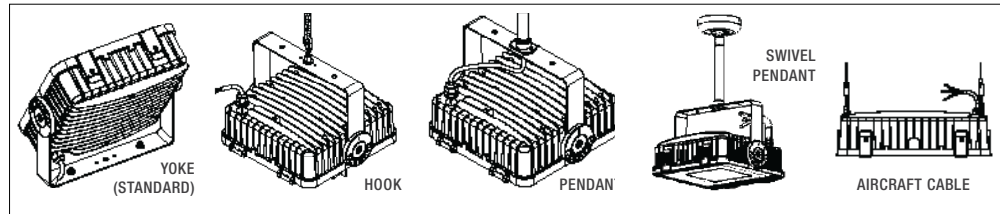
MODEL	OPERATION	LUMENS <sup>3</sup>	DISTRIBUTION	COLOUR TEMP	INPUT	MOUNTING	OPTIONS
BL716LED	HT (AC only)	LO (2,084 - 2,257 lm)	[blank] <sup>1</sup> (symmetrical beam)	WT30 (3000K)	120-277V	[blank] (yoke bracket-std.)	SS (stainless steel hardware)
		MO (3,074 - 3,328 lm)	ASY <sup>2</sup> (asymmetric beam)	WT40 (4000K)			
		HO (4,051 - 4,387 lm)		WT50 (5000K)			

**NOTE:** NEMA Distribution Pattern 6x6 wide flood. **NOTE:** NEMA Distribution Pattern 6x4 horizontal flood. **NOTE:** Refer to the energy chart for the lumen output of the asymmetric beam.

## Pre-Built Inventory

ORDERING CODE	SHORT DESCRIPTION	LONG DESCRIPTION
19001151	BL716LED-HT-HO-WT30-120-277V	BOXLED MINI FLOODLIGHT 40W SYMMETRICAL REFLECTOR 3000K 120-277V INPUT
19001154	BL716LED-HT-HO-WT40-120-277V	BOXLED MINI FLOODLIGHT 40W SYMMETRICAL REFLECTOR 4000K 120-277V INPUT
19001157	BL716LED-HT-HO-WT50-120-277V	BOXLED MINI FLOODLIGHT 40W SYMMETRICAL REFLECTOR 5000K 120-277V INPUT
19001149	BL716LED-HT-LO-WT30-120-277V	BOXLED MINI FLOODLIGHT 20W SYMMETRICAL REFLECTOR 3000K 120-277V INPUT
19001152	BL716LED-HT-LO-WT40-120-277V	BOXLED MINI FLOODLIGHT 20W SYMMETRICAL REFLECTOR 4000K 120-277V INPUT
19001155	BL716LED-HT-LO-WT50-120-277V	BOXLED MINI FLOODLIGHT 20W SYMMETRICAL REFLECTOR 5000K 120-277V INPUT
19001150	BL716LED-HT-MO-WT30-120-277V	BOXLED MINI FLOODLIGHT 30W SYMMETRICAL REFLECTOR 3000K 120-277V INPUT
19001153	BL716LED-HT-MO-WT40-120-277V	BOXLED MINI FLOODLIGHT 30W SYMMETRICAL REFLECTOR 4000K 120-277V INPUT
19001156	BL716LED-HT-MO-WT50-120-277V	BOXLED MINI FLOODLIGHT 30W SYMMETRICAL REFLECTOR 5000K 120-277V INPUT

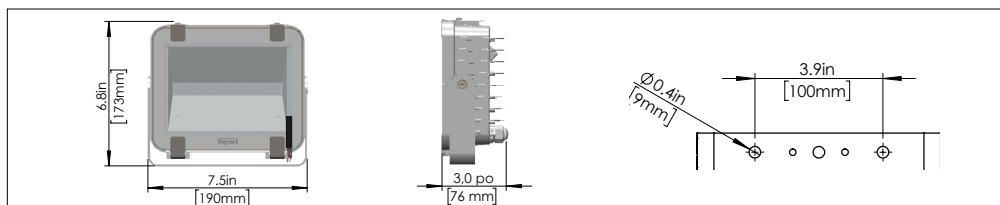
## Mounting



## BoxLED® Mini Accessories

MODEL	DESCRIPTION
50001150	aircraft cable 50"
50001153	aircraft cable 72"
50001155	aircraft cable 100"
50001156	aircraft cable 150"
50001157	aircraft cable 200"
50001159	single pendant kit 12"
50001161	single pendant kit 18"
50001163	single pendant kit 24"
50001165	single pendant kit 36"
50001167	single pendant kit 48"
SVLPK18	swivel pendant kit 18"
50001046	swivel pendant kit 24"
SVLPK36	swivel pendant kit 36"
SVLPK48	swivel pendant kit 48"
HK	hook mount

## Dimensions



## BoxLED® Mini

**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.

**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.

**ELECTRICAL:**

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

**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:**

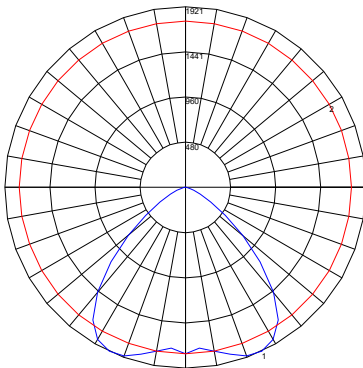
-30°C to +40°C

**WARRANTY:**

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

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

Luminous Intensity Distribution



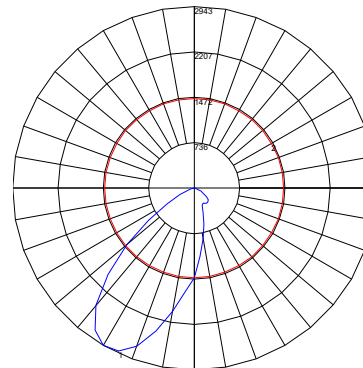
Tested in accordance with IESNA LM-80-08

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%

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

BoxLED® Mini

PHOTOMETRIC DATA