

BOXLED®



HIGH BAY

- **BOXLED®** High Bay Luminaires for Commercial and Industrial applications.
- **REFLECTOR:** Parabolic aluminum louvers available with medium, wide, or asymmetrical standard distributions. Consult factory for narrow, T2 and T3 distribution options. Micro-prismatic tempered glass diffuser provides optimized light distribution for a visually comfortable and glare free environment.
- The **BOXLED** is wet location, IP66 rated. Durable powder-coated, die-cast construction provides resistance against corrosion, flame and chemicals.
- **LUMENS:** LO: 15K to 16K lm; HO: 23K to 27K lm
- **OPERATING TEMP:**
 HT: (AC Only) -22°F to 104°F (-30°C to 40°C)
 EM: 32°F to 104°F (0°C to 40°C)



APPLICATION: The **BOXLED®** is ideal for damp or wet applications including warehouses, factories, gymnasiums, loading docks, logistic centers, mining, carwash, agriculture and open ceiling environments.

- **WEIGHT:** 17 lbs / 7.7 kg

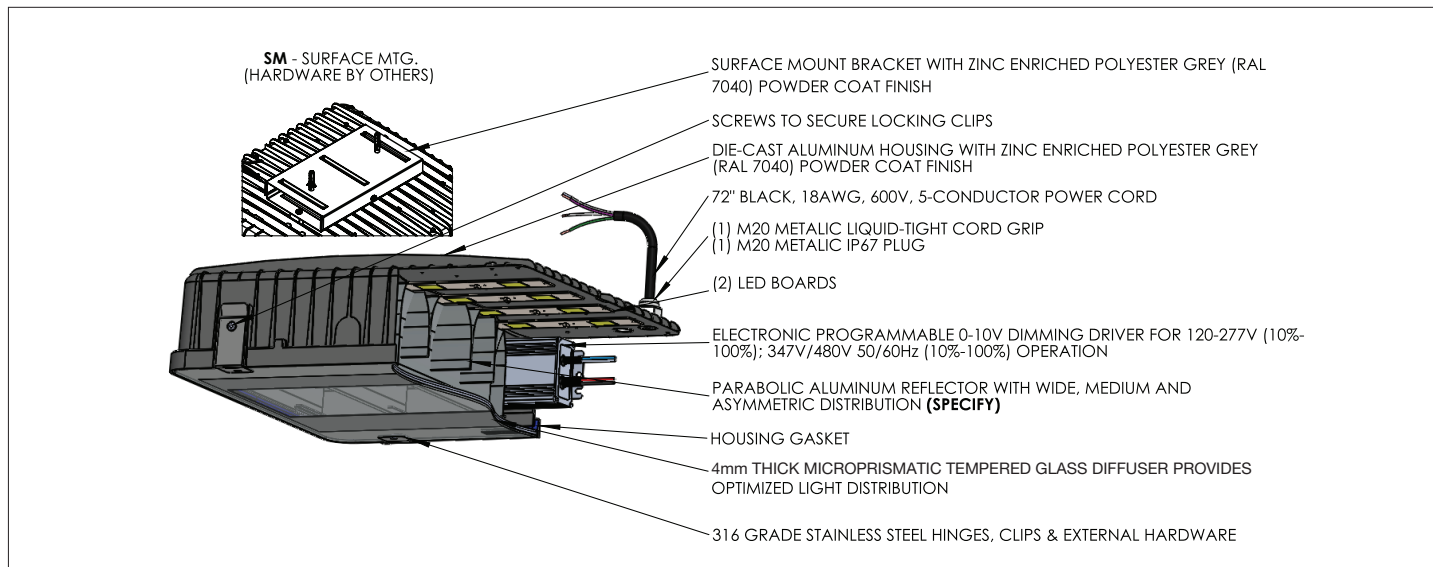
ORDERING INFORMATION

MODEL	OPERATION	OUTPUT	DISTRIBUTION	COLOR TEMP	INPUT	OPTIONS ¹	ACCESSORIES
BL736LED	HT	LO	MBD (medium beam)	WT30 (3000K)	120-277V	EM ² (emergency backup-remote)	1PKxxWADP (white pendant kit, xx= 12, 24 or 48" std)
			WBD (wide beam)	WT40 (4000K)	347-480V	FP (fuse protection - 3A)	
		HO	ASY (asymmetric beam)	WT50 (5000K)		HK (hook mount)	1SPKxxWADP (swivel white kit, xx= 12, 24 or 48" std)
						NOD (integrated node)	kit, xx= 12, 24 or 48" std)
						OS (external occupancy sensor)	kit, xx= 12, 24 or 48" std)
						SP (surge protector - 10KA)	1XAC50 (50" aviation cable)
						SS (stainless steel hardware)	1XAC72 (72" aviation cable)
							4CH48 (48" chain hang kit)

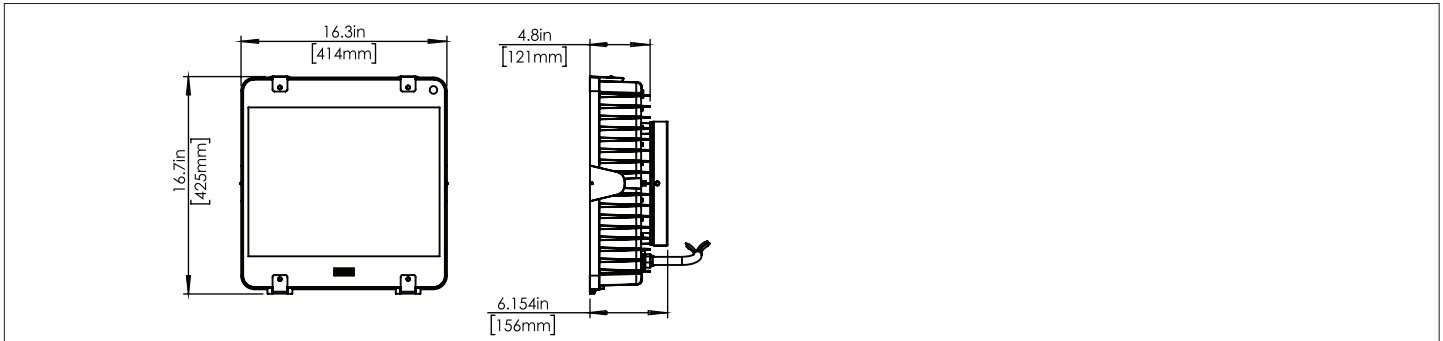
NOTE 1: Surface mount is standard.

NOTE 2: Title 20 Field installation emergency pack (120-277V); LO & HO: 17W; 2292 lm; (wet location required nema box).

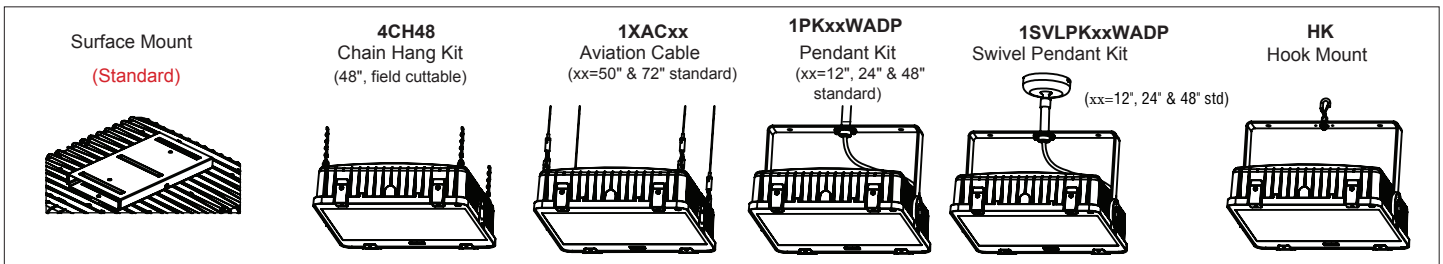
TECHNICAL INFORMATION



DIMENSIONS



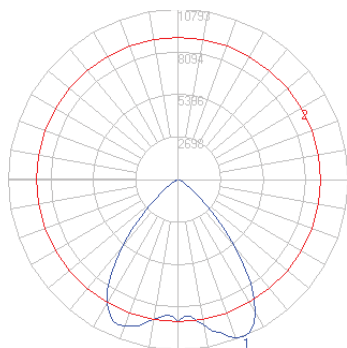
MOUNTING OPTIONS



PHOTOMETRICS

BL736LEDHTLOWT40WBD120-277V

POLAR CURVES

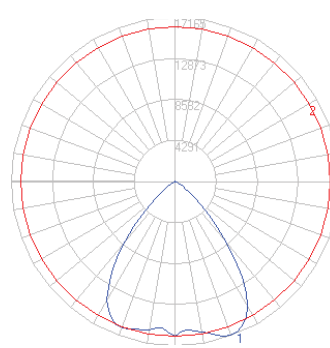


Characteristics

Electronic driver	
LED 4000°K	
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	15478
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	150
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.22

BL736LEDHTHOWT40WBD120-277V

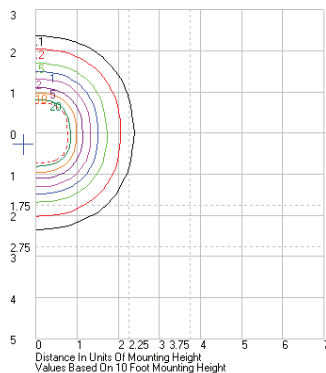
POLAR CURVES



Characteristics

Electronic driver	
LED 4000°K	
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	24543
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	230
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.14
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.16

ISOLINES

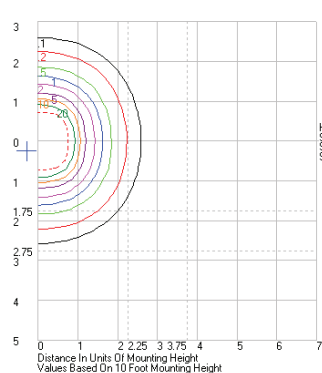


Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	3592.33	N.A.	23.20
0-30	7969.68	N.A.	51.50
0-40	12156.26	N.A.	78.50
0-60	15121.98	N.A.	97.70
0-80	15453.71	N.A.	99.80
0-90	15478.42	N.A.	100.00
10-90	14028.48	N.A.	94.50
20-90	8563.33	N.A.	55.30
20-50	10781.93	N.A.	69.70
40-70	3207.23	N.A.	20.70
60-80	331.73	N.A.	2.10
70-80	90.21	N.A.	0.60
80-90	24.72	N.A.	0.20
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	15478.42	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ISOLINES



Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	6084.39	N.A.	24.80
0-30	13109.8	N.A.	53.40
0-40	19583.74	N.A.	79.80
0-60	24011.8	N.A.	97.80
0-80	24507.68	N.A.	99.90
0-90	24542.59	N.A.	100.00
10-90	23048.56	N.A.	93.90
20-90	13499.35	N.A.	55.00
20-50	16821.38	N.A.	68.50
40-70	4789.34	N.A.	19.50
60-80	486.08	N.A.	2.00
70-80	134.81	N.A.	0.50
80-90	34.71	N.A.	0.10
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.01	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	24542.59	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ELECTRICAL RATING

PRODUCT	NOMINAL POWER (W)	AC CURRENT (A)		FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		120V	277V			
BL736LEDHTLO	150	1.28	0.55	50/60	50	2700
BL736LEDHTHO	230	1.96	0.85	50/60	50	4100

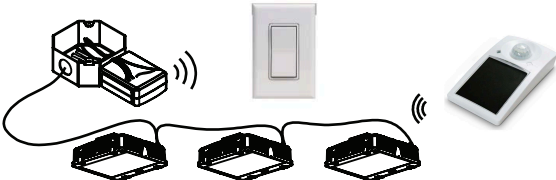




DIMMER COMPATIBILITY

DIMMER	COMPATIBILITY	
	ON / OFF	DIMMING
LEVITON - AWRMG - 7	YES	YES
LUTRON - DIVE - DVSTV	YES	YES
LUTRON - DIVE - DTV	YES	YES
WATT STOPPER DCLV1	YES	YES

ENERGY CHART

MODEL	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (hrs.)
BL736LEDHTLOWBDWT30120-277V	100 lm/W	150	14993	>80	>60,000
BL736LEDHTLOWBDWT40120-277V	103 lm/W	150	15470	>80	>60,000
BL736LEDHTLOWBDWT50120-277V	110 lm/W	150	16430	>80	>60,000
BL736LEDHTHOWBDWT30120-277V	103 lm/W	230	23776	>80	>60,000
BL736LEDHTHOWBDWT40120-277V	107 lm/W	230	24543	>80	>60,000
BL736LEDHTHOWBDWT50120-277V	113 lm/W	230	26076	>80	>60,000

BEGHELLI LIGHTING CONTROL SOLUTIONS

DAISY CHAIN FIXTURES (RLY)	EXTERNAL NODE & SENSOR (OS)
<p>RLY* Wireless Relay (Damp Location)</p> <p>SW1* Single Switch (Damp Location)</p> <p>EMDCB* Remote Sensor (Damp Location)</p>  <p>DAISY CHAIN - 13 FIXTURES; 18 FT MAX. (base on 12AWG) (daisy chain by others)</p>	<p>OS (Beghelli standard) (Wet Location)</p>  <p>SW1* Single Switch (Damp Location)</p>
INTEGRATED NODE (NOD)	
<p>NOD* Node (integrated)</p> 	<p>SW1* Single Switch (Damp Location)</p>  <p>EMDCB* Remote Sensor (Damp Location)</p> 

■ **WARRANTY:** 5 year warranty, see website for full warranty details.