

# BOXLED MIDI (BL726)



## LOWBAY/ MIDBAY

- **BOXLED® MIDI** Lowbay / midbay designed for industrial and commercial applications
- **OPTICS:** Polished aluminum reflector with symmetric or asymmetric distribution. Unit can be field changed from symmetric to asymmetric. 4mm thick prismatic tempered glass lens provides optimized light distribution for a visually comfortable and glare free environment.
- The **BOXLED® MIDI** is a wet location, IP66, NEMA 4X rated luminaire. Heavy duty die-cast aluminum construction provides corrosion, flame and chemical resistance. The 3G rating makes this ideal for constant vibration applications. 10kA surge protection standard.
- **PERFORMANCE:**
  - LO:** 3800 to 7600 lm
  - MO:** 5300 to 10700 lm
  - HO:** 6900 to 13900 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)
- **WEIGHT:** 8.8 lbs



**APPLICATION:** The **BOXLED® MIDI** is ideal for indoor / outdoor damp and wet applications including loading docks, sign lighting, mining, car wash, agriculture, wastewater treatment, tunnels and factories.

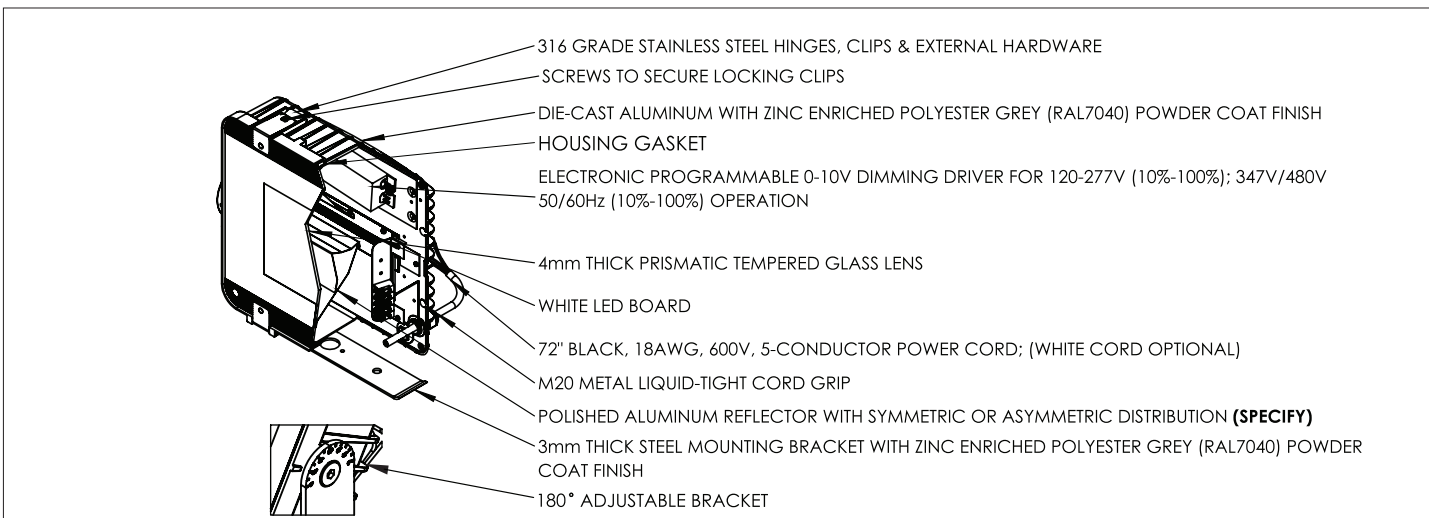
## ORDERING INFORMATION

SERIES	OPERATION	OUTPUT	DISTRIBUTION <sup>1</sup>	CCT	OPTIONS <sup>2</sup>	MOUNTING ACCESSORIES
BL726	HT	LO	SYM <sup>1</sup> (symmetric)	18K (1800K)	DOT (surge protector - 20KA)	1PKxWADP (white pendant kit, x= 12, 24, 48" std lengths)
		MO	ASY <sup>1</sup> (asymmetric)	4K (4000K)	EM <sup>3</sup> (emergency back up - remote)	1SPKxWADP (white swivel pendant kit, x= 12, 24, 48" std lengths)
		HO		5K (5000K)	FP (fuse protection - 3A)	
					HV (347-480V)	1XACx (aircraft cable, field adjustable, x= 50 or 72" std length)
					NOD <sup>4</sup> (integrated node)	2PTBL (twin post top mount)
					OS <sup>4</sup> (external occupancy sensor)	4CH48 (chain hang kit, 48", field cuttable)
					OSB <sup>4</sup> (external occ sensor, bluetooth)	4PTBL (quad post top mount)
					OSBC <sup>4</sup> (external occ sensor, casambi)	HK1420 (hook mount)
<b>CONTROLS ACCESSORIES</b>						
						EMDCB <sup>4</sup> (motion & lux sensor)
						RLY <sup>4</sup> (relay, casambi)
						RSDC <sup>4</sup> (room sensor, casambi)
						SW1 <sup>4</sup> (rocker switch, BT)

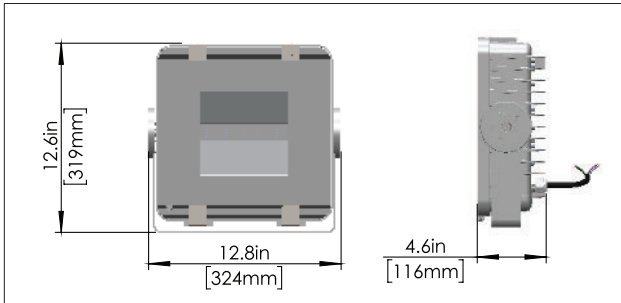
NOTE 1: Both symmetric & asymmetric reflectors included for in-field distribution changes  
 NOTE 2: Flood mount (installed) and surface mount bracket are included standard

NOTE 3: Title 20 field installation emergency pack (120-277V); 10W; 1242 lm; (wet location requires Nema box)  
 NOTE 4: Standard Beghelli control solutions (see details and additional solutions on page 3)

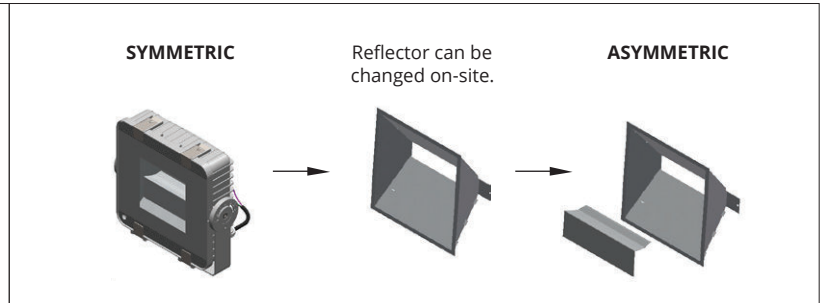
## TECHNICAL INFORMATION



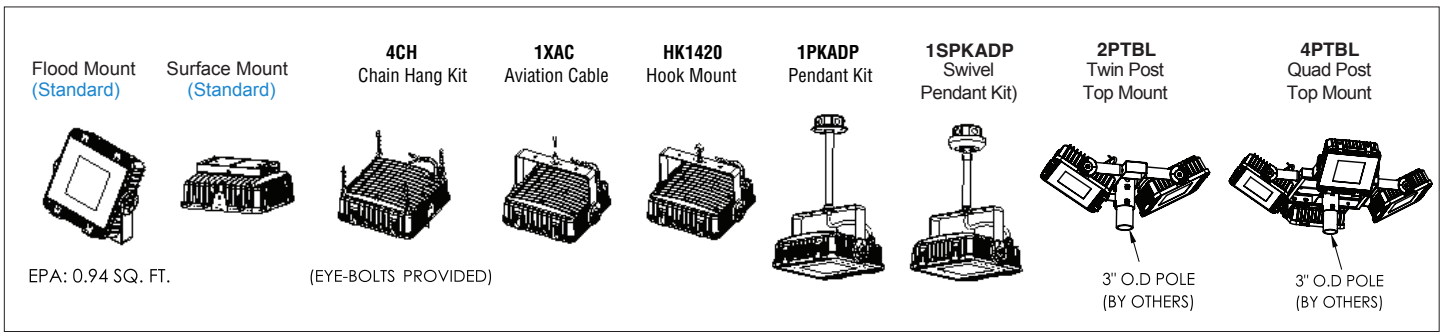
**DIMENSIONS**



**DISTRIBUTION**



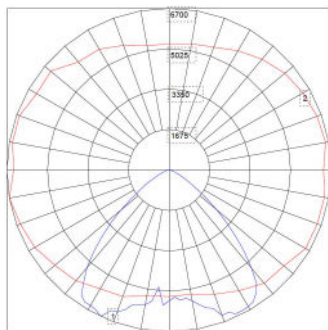
**MOUNTING OPTIONS**



**PHOTOMETRICS**

**BL726HTHOSYM4K**

**POLAR GRAPH**



**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	13874
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER) Total	154
Luminaire Watts	90
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.60
Spacing Criterion (90-270)	1.36
Spacing Criterion (Diagonal)	1.48
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.01 ft
Luminous Width (90-270)	0.99 ft
Luminous Height	0.36 ft

**BL726HTHOASY4K**

**CHARACTERISTICS**

**ELECTRICAL RATING**

**DIMMER COMPATIBILITY**

PRODUCT	NOMINAL POWER (W)	AC CURRENT (A)		FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		120V	277V			
BL726HT LO	50	0.43	0.18	50/60	55	800
BL726HT MO	70	0.60	0.26	50/60	53	1170
BL726LHT HO	90	0.77	0.33	50/60	48	1600

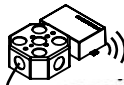


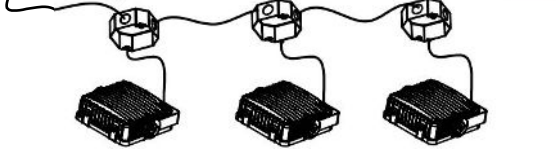
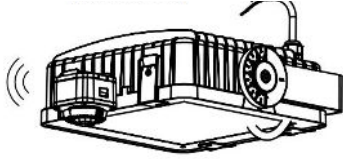

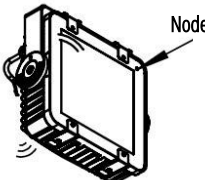


  

DIMMER	COMPATABILITY	
	ON / OFF	DIMMING
LEVITON - AWRMG - 7	YES	YES
LUTRON - DIVE - DVSTV	YES	YES
LUTRON - DIVE - DVTV	YES	YES
WATT STOPPER DCLV1	YES	YES

**ENERGY CHART**

MODEL	EFFICACY	WATTAGE	LUMEN OUTPUT		CRI	L70 REPORTED (hrs.)
			SYMMETRIC	ASYMMETRIC		
BL726HTLO18K	77-79 LPW	50	3950	3829	>80	>60,000
BL726LHTLO4K	149-153 LPW	50	7651	7449	>80	>60,000
BL726HTLO5K	149-153 LPW	50	7651	7449	>80	>60,000
BL726HTMO18K	77-79 LPW	70	5530	5361	>80	>60,000
BL726HTMO4K	149-154 LPW	70	10751	10429	>80	>60,000
BL726HTMO5K	149-154 LPW	70	10751	10429	>80	>60,000
BL726HTHO18K	77-79 LPW	90	7110	6892	>80	>60,000
BL726HTHO4K	149-154 LPW	90	13874	13441	>80	>60,000
BL726HTHO5K	149-154 LPW	90	13874	13441	>80	>60,000

**BEGHELLI LIGHTING CONTROL SOLUTIONS**

DAISY CHAIN FIXTURES (RELAY)	EXTERNAL NODE & SENSOR (OS/OSB/OSBC)
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>RLY*</b> Wireless Relay (Damp Location)</p>  </div> <div style="text-align: center;"> <p><b>EMDCB*</b> Remote Sensor (Damp Location)</p>  </div> <div style="text-align: center;"> <p><b>SW1*</b> Single Switch (Damp Location)</p>  </div> </div> 	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>OS</b> (Beghelli standard) (Wet Location)</p>  </div> <div style="text-align: center;"> <p><b>SW1*</b> Single Switch (Damp Location)</p>  </div> </div> <p style="font-size: small;">Note: OSB (bluetooth enabled) and OSBC (casambi enabled) sensors also available</p>
INTEGRATED NODE (NOD)	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>NOD*</b> Node</p>  </div> <div style="text-align: center;"> <p><b>SW1*</b> Single Switch (Damp Location)</p>  </div> <div style="text-align: center;"> <p><b>EMDCB*</b> Remote Sensor (Damp Location)</p>  </div> </div>	

\* Magnum control options also available (RLYM1 relay, MLM1 sensor, SW1M1 switch, NODM1 node and OSM1 sensor)

- ❖ Beghelli offers standard wired and wireless control solutions
- ❖ Beghelli fixtures are compatible with most control solutions available in the market, consult factory for more details

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