

BOXLED® MIDI DOT



BL726LED-DOT

- **BOXLED®726 DOT** Lowbay / midbay has been designed and is approved for Department of Transportation billboard and signage applications.
- **HOUSING:** A360 die-cast aluminum alloy housing with zinc enriched polyester RAL7040 powder coated finish.
- **DIFFUSER:** 4mm prismatic tempered glass lens diffuser provides optimized light distribution and reduced glare.
- The **BOXLED® MIDI DOT** 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.
- **PERFORMANCE:** LO: 6,192 (ASY) up to 6,264 lm (SYM)
HO: 11,097 (ASY) up to 11,295 lm (SYM)
- **OPERATING TEMP:**
HT (AC Only) -40°F to 113°F (-40°C to 45°C)
- **WEIGHT:** 8.8 lbs / 3.9 kg



APPLICATION: The **BL726LED-DOT** is approved by the Department of Transportation for roadway underpasses. It is also perfectly suited for billboard and signage installations, along with temporary lighting installations such as roadworks, construction sites and emergency service areas.

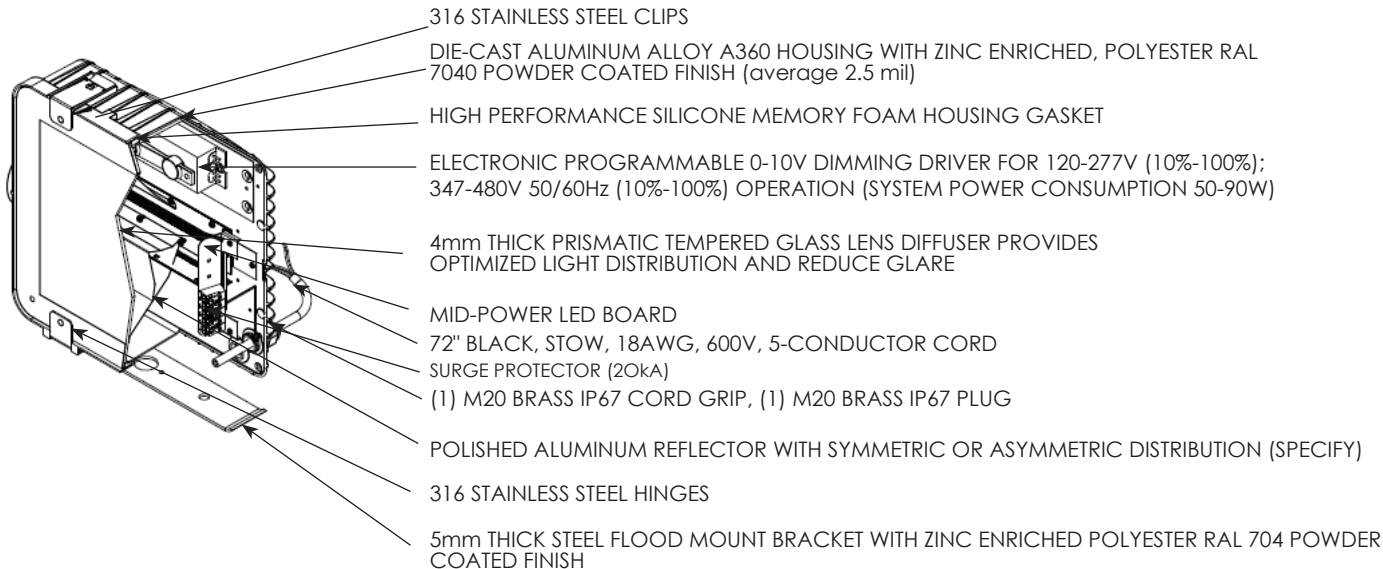
ORDERING INFORMATION

MODEL	OPERATION	OUTPUT	DISTRIBUTION	COLOR TEMP	INPUT	OPTIONS	
BL726LED-DOT	HT	HO LO	ASY (asymmetric) SYM (symmetric)	WT40 (4000K)	120-277V 347-480V	AC ¹ (aviation cable) BAA (made in America)	PK ⁴ (pendant kit) SM (surface mount)
						CH ² (chain hang kit) DCK ³ (daisy chain kit) HK (hook mount)	SVLPK ⁴ (swivel pendant kit) TPM (twin post top mount) QPM (quad post top mount)

NOTE 1: Specify length for AC: 50", 72", 100", 150", 250"; otherwise field adjustable.
NOTE 2: Specify length for CH: 12", 24", 36", 48", specify for others.
NOTE 3: Nonmetallic, liquid-tight flexible conduit interlink with fittings (specify length).

NOTE 4: Specify length for PK: 12" 24", 48", specify for others.
NOTE: FM (flood mount) is standard.

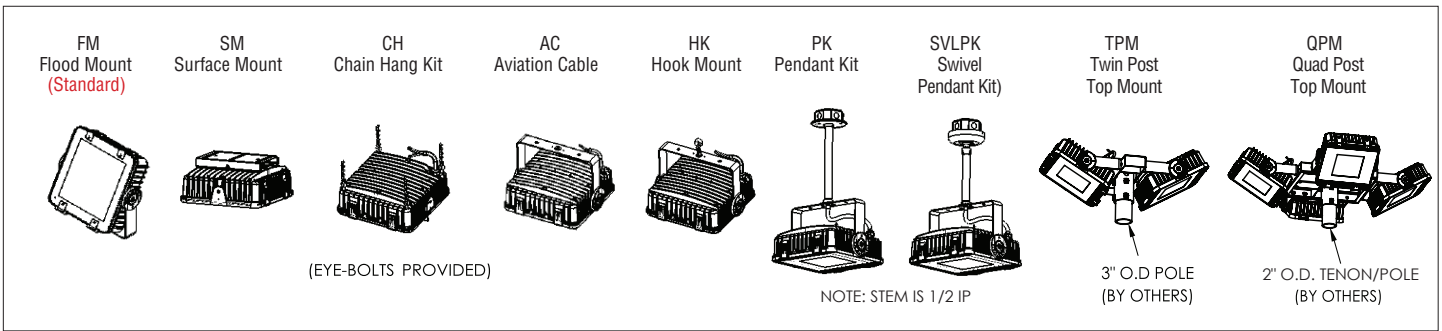
TECHNICAL INFORMATION



DIMENSIONS



MOUNTING OPTIONS



DISTRIBUTION

BL726LED-DOTHTHOWT40120-277V
SYMMETRIC

POLAR CURVES

ISOLINES

Characteristics

Electronic driver	
LED 4000°K	
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	11295
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	90
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.42
Spacing Criterion (90-270)	1.58
Spacing Criterion (Diagonal)	1.48

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1682.15	N.A.	14.90
0-30	3932.11	N.A.	34.80
0-40	6830.13	N.A.	60.50
0-60	10658.9	N.A.	94.40
0-80	11267.1	N.A.	99.80
0-90	11294.59	N.A.	100.00
10-90	10892.97	N.A.	96.40
20-40	5147.98	N.A.	45.60
20-50	7651.96	N.A.	67.70
40-70	4296.19	N.A.	38.00
60-80	608.21	N.A.	5.40
70-80	140.78	N.A.	1.20
80-90	27.49	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	0.02	N.A.	0.00
90-180	0.02	N.A.	0.00
110-180	0.02	N.A.	0.00
0-180	11294.61	N.A.	100.00

Total Luminaire Efficiency = N.A. %

BL726LED-DOTHTHOWT40120-277V

POLAR CURVES

ISOLINES

Characteristics

Electronic driver	
LED 4000°K	
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	11097
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	90
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.36
Spacing Criterion (90-270)	0.40
Spacing Criterion (Diagonal)	1.54

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1505.39	N.A.	13.60
0-30	3502.5	N.A.	31.60
0-40	6215.37	N.A.	56.00
0-60	10325.61	N.A.	93.00
0-80	11065.14	N.A.	99.70
0-90	11097.08	N.A.	100.00
10-90	10730.4	N.A.	96.70
20-40	4709.99	N.A.	42.40
20-50	7293.59	N.A.	65.70
40-70	4681.27	N.A.	42.20
60-80	739.53	N.A.	6.70
70-80	168.49	N.A.	1.50
80-90	31.95	N.A.	0.30
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	0.04	N.A.	0.00
90-180	0.04	N.A.	0.00
110-180	0.04	N.A.	0.00
0-180	11097.12	N.A.	100.00

Total Luminaire Efficiency = N.A. %

BOXLED® BL726LED-DOT

ELECTRICAL RATING

PRODUCT	NOMINAL POWER (W)	AC CURRENT (A)				FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		AC VOLTAGE						
		120V	277V	347V	480V			
BL726LED-DOT-HT-LO	50	0.43	0.18	0.15	0.11	50/60	54	800
BL726LED-DOT-HT-HO	90	0.77	0.33	0.26	0.19	50/60	47	1600

DIMMER COMPATIBILITY

DIMMER	COMPATABILITY	
	ON / OFF	DIMMING
LEVITON - AWRMG - 7	YES	YES
LEVITON - IP710-DL	YES	YES
LUTRON - DIVE - DVSTV	YES	YES
LUTRON - DIVE - DVTV	YES	YES
WATT STOPPER DCLV1	YES	YES

ENERGY CHART

MODEL	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (hrs) (TESTED)	L70 (hrs) (PROJECTED)
BL726LED-DOT-HT-LO-ASY-WT40-120-277V	125 lm/W	50	6192	>80	>72,000	>140,000
BL726LED-DOT-HT-LO-SYM-WT40-120-277V	125 lm/W	50	6264	>80	>72,000	>140,000
BL726LED-DOT-HT-HO-ASY-WT40-120-277V	125 lm/W	90	11,097	>80	>72,000	>140,000
BL726LED-DOT-HT-HO-SYM-WT40-120-277V	125 lm/W	90	11,295	>80	>72,000	>140,000

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