

BL SERIES BOLLARD

Client:
Project:
Type:
Quantity:

CONSTRUCTION

Single round extruded aluminum shaft with thick side walls for excellent durability, features a sleek, modern design and carefully engineered to provide long-lasting, energy-efficient lighting. Die-cast aluminum mounting base allows for easy leveling even in sloped locations and a full 360-degree rotation for precise alignment during installation.



OPTICS

Frosted Polycarbonate lens, efficacy higher than 115 lm/W.

ELECTRICAL

-40°C up to 40°C (-40°F up to 113°F) maximum operating temperature.

Designed for an expected life > 50,000 hours.

CCT selectable light engine 3000K ~ 5000K.

>.9 power factor, 50/60Hz, <20% THD.

Driver operates at 120-277V input, 0-10V dimmable driver, down to 10%.

Optional 10kV surge protection.

CONTROL (OPTIONAL)

CONTROL-LVFA AVI-ON Bluetooth Mesh Controller.

STANDARD FINISH

Corrosion resistant Dark Bronze powder coating finish.

CUSTOM FINISH

Corrosion resistant Black, Graphite Metallic, Gray, Silver, White, Custom RAL#.

SHIPPING DATA

Product	Measurement	Weight
BL-26	46" L x 11" W x 11" H	17 lb

CERTIFICATION

Meets Buy America Act requirements.

Wet location label standard.

IDA compliant: with 3000K color temperature selection.

All luminaires are built to UL1598 standards and bear appropriate cULus labels.

For Emergency application, equipment with UL924 certified battery packs.

DLC® Premium (DesignLights Consortium Qualified)

WARRANTY

5 year warranty, see Limited Warranty for additional information.



BL SERIES BOLLARD

ORDER INFORMATION

EXAMPLE : BL 26 SC DB UD

Fixture	Series	Power & LM	CCT	Finish	Input
BL	26	SC			

Accessories

Options

A SERIES

BL Bollard

B POWER & LM

Code	Power	LM
26	26W	3100lm

C CCT

SC Field Selectable 3000K / 4000K / 5000K

D FINISH

Standard					
DB	Dark Bronze				
Custom Color					
CC	BK Black	GM Graphite Metallic	GR Gray		
	SV Silver	WH White	RAL#		

E INPUT

UD 120-277V, 1-10V Dimmable

F ACCESSORIES/OPTIONS

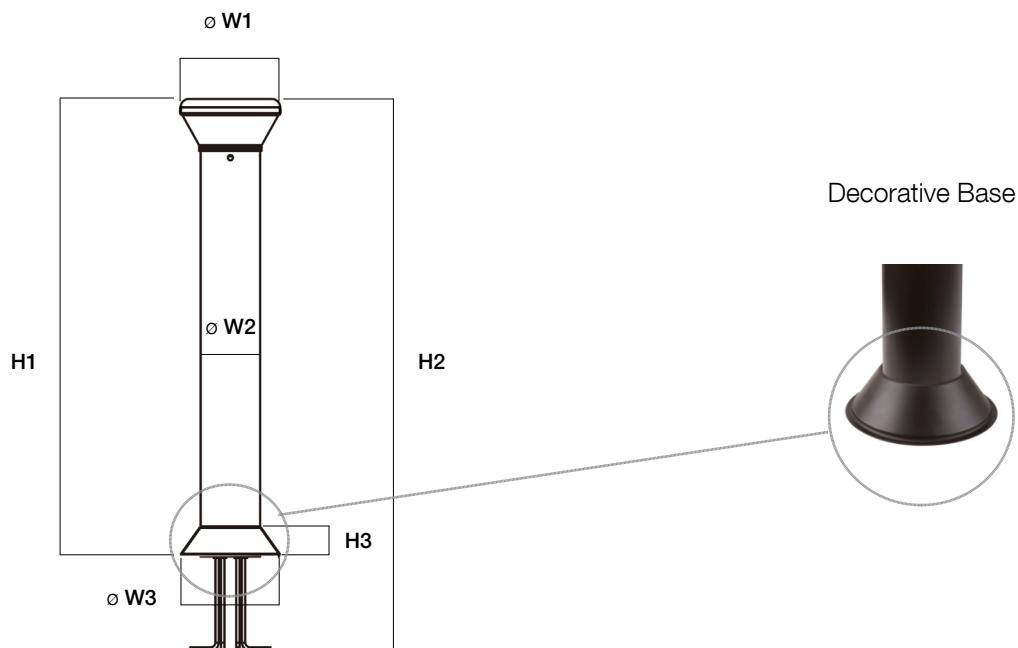
AIA	Assembled in America, compliant with BAA (COTS)
BL-BASE	Decorative Base
EMB-8W*	90-Minute Self-Diagnostic Emergency Battery 8W 100-347VAC Input 170VDC Output
EMB-18W-B*	90-Minute Self-Diagnostic Emergency Battery 18W 100-347VAC Input 170VDC Output
EMB-18W-C-B*	90-Minute Self-Diagnostic Emergency Battery 18W 100-347VAC Input 170VDC Output -20°C-50°C (-4°F-122°F)
MOUNT-BL-BOLT	Extra Anchor Bolts Set
SURGE-LSP4-U	10kV inline Surge Protection for Universal input
CONTROL-LVFA*	AVI-ON Bluetooth Mesh Control System

*see page 5 for CONTROL and emb spec

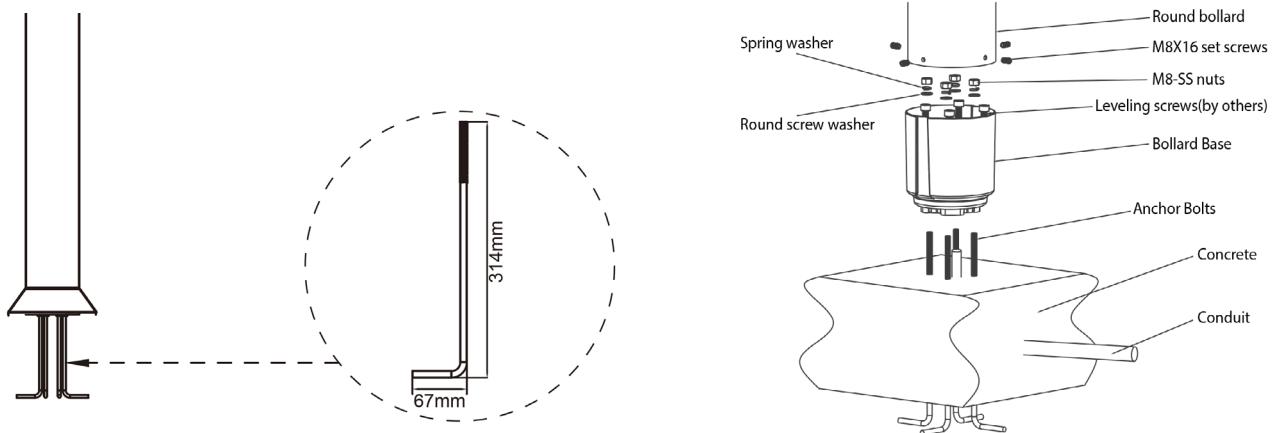
BL SERIES BOLLARD

DIMENSIONS

Model	W1	W2	W3	H1	H2	H3
BL-26	ø 9.28" (ø236mm)	ø 5.50" (ø140mm)		42.00" (1067mm)	50.62" (1286mm)	
BL-BASE		ø 5.50" (ø140mm)	ø 11.02" (ø280mm)			3.15" (80mm)



INSTALLATION INFORMATION



BL SERIES BOLLARD

PERFORMANCE DATA

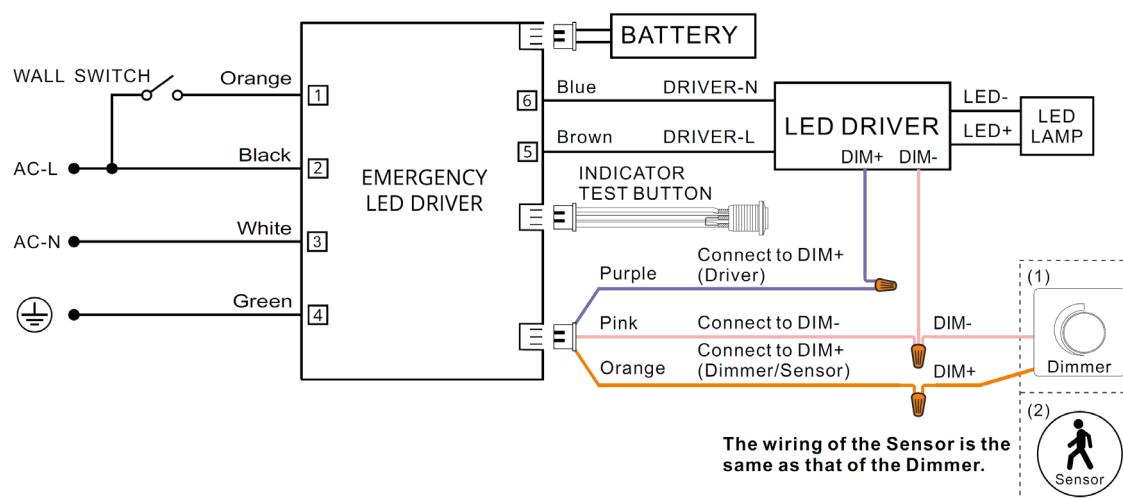
SYSTEM WATTS	VOLTAGE	3000K / 4000K (80CRI)		5000K (80CRI)	
		LUMENS	LPW	LUMENS	LPW
26W	120-277V	3000	115	3100	119

SENSOR SPEC

Model	Type	Mounting	Coverage	Input	Function	Programmable
CONTROL-LVFA (see page 6 for detail)	Fixture Controller	-	-	12V DC	Bluetooth Mesh On/Off/Dimming Scheduling	AVI-ON Bluetooth Mobile App


CONTROL-LVFA
EMB SPEC

Model	Compatible Fixture	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-8W	BL	90mins	100-347VAC	170VDC	8W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install
EMB-18W-B	BL	90mins	100-347VAC	170VDC	18W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install
EMB-18W-C-B	BL	90mins	100-347VAC	170VDC	18W	-20°C ~ 50°C -4°F ~ 122°F	Factory or Field Install

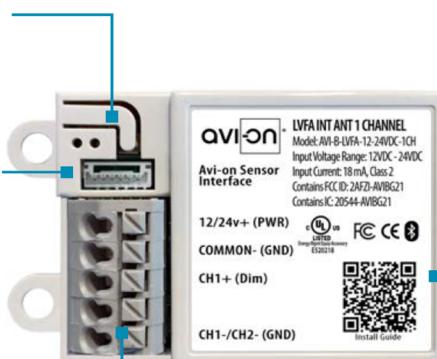


BL SERIES BOLLARD

CONTROL-LVFA SPEC

Status LEDs & Config Button

Quick and easy validation of wiring and network



Direct Connect™ Sensor Port

Simple and cost-effective addition to Avi-on sensors

Terminal Blocks & Mounting Tabs

Faster, easier and lower cost installation eliminating connectors

Internal Antenna

Improved performance and eliminates risk of accidentally cutting a hanging wire

SPECIFICATIONS

INPUT VOLTAGE:

12-24VDC

CURRENT:

15mA without a Sensor

19mA with a DC PIR Sensor

48mA with a DC Microwave Sensor

0-10V DIMMING:

12-24VDC

SIZE:

2.30in x 1.43in x 0.75in

(58.2mm x 36.4mm x 19mm)

MOUNTING:

Removable mounting tabs

WEIGHT:

0.45 oz (16g)

OPERATING TEMP:

-22°F to +158°F (-30°C to + 70°C)

RADIO FREQUENCY:

2.4GHz

WIRELESS STANDARD:

BLE 4.2 with Mesh

POINT TO POINT RANGE*:

80ft with obstructions

350ft unobstructed

SECURITY:

AES 128-bit encryption for device to device communication

AES 256-bit encryption for device to cloud communication

5 years; 10 years optional

FCC: 2AFZ1-AV11010 B

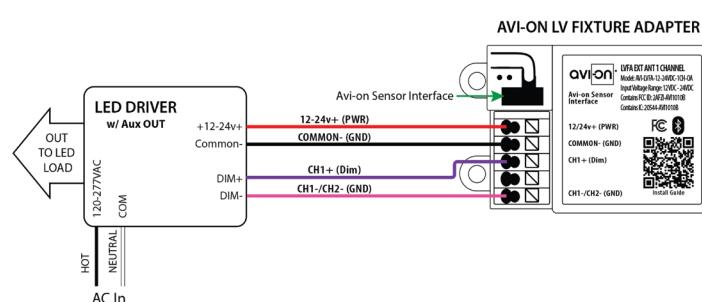
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BQB: D031801, DID: 86303

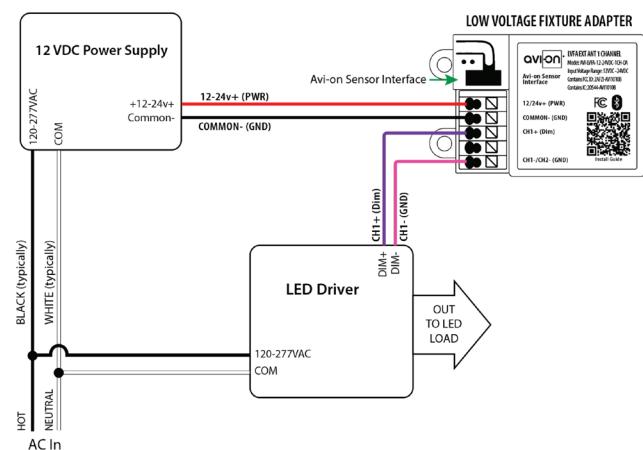
UL 916, 2043 (Plenum Rated)

*When communicating through the mesh, range is essentially unlimited (5000ft+)

WIRING DIAGRAM



Fixture adapter powered by LED driver auxiliary output



Fixture adapter connected to LED driver and using power supply