

# WMB12Q

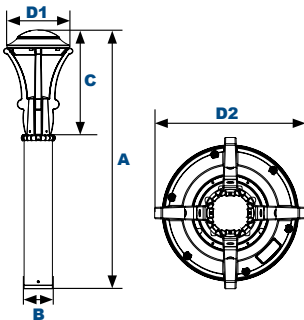
L70  
25°C

**187,000 Hours**

## AmberLED Small Wilmington Bollard



WMB12Q with Clear Polycarbonate Optical Lens



Dimensions	
<b>Diameter 1 (D1)</b>	10½" (264mm)
<b>Diameter 2 (D2)</b>	11½" (294mm)
<b>Height 1 (A)</b>	43" (1093mm)
<b>Height 2 (C)</b>	17⅞" (441mm)
<b>Base (B)</b>	4¾" (120mm)

## AmberLED Technology

The LEPG WMB12Q AmberLED Small Wilmington Bollard with sealed UV-stabilized clear polycarbonate optical lens is designed for wildlife, dark skies, or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required for wildlife protection. These fixtures are ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities.

### Specifications and Features:

#### Housing:

Extruded and Die Cast with Flush Mounting Base & Vandal-Resistant Screws, Internal Driver Tray for Easy Maintenance.

#### Listing & Ratings:

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750  
IP66 Sealed LED Compartment.

#### Finish:

Textured Architectural Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

#### Lens:

Full Cutoff IP66 Sealed UV-Stabilized Clear Polycarbonate Optical Vandal-Resistant Lens..

#### Mounting Options:

Mounting Kit with 8" Zinc-Plated Anchor Bolts, Included.

#### AmberLED:

Aluminum Boards with Conformal Coating

#### Wattage:

Array: 19w, System: 21.4w (up to 50w HID equivalent)

#### Driver:

Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

#### Controls:

Fixtures Ordered are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with QSSI Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

#### Warranty:

5-Year Warranty for -20°C to +40°C Environment.

See Page 4 for Projected Lumen Maintenance Table.

### Project Information:

Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

### Certification & Listings:



Specifications subject to change without notice. Rev. 021624

**Order Information Example:** WMB12QF1X19UAMCBSF

WMB12Q		1X19	U	AM	C		
Model	Optic	Wattage	Driver	CCT	Lens	Color	Options
WMB12Q=AmberLED Small Wilmington Bollard	B=Type II C=Type III D=Type IV F=Type V	1X19=19w	U=120-277V	AM=1400K	C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Optical Lens	B=Black C=Custom (Consult Factory)	SF=Single Fuse* DF=Double Fuse* SP=Surge Protection (10kV 120-277V) GF1=GFCI Outlet, 15A, 120V S5=Microwave Sensor with Dimming & Remote Programming. See P17125 Spec Page for Details.* BU=Battery Backup, 90 Minutes* BUC=Cold Start Battery Backup, -20°C, 90 Minutes*  *120-277V Models Only.

**Accessories & Replacement Parts:**

**Mounting Accessories  
(Order Separately, Field Installed)**

BREBASE\* Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all LEPG Bollards. Die Cast with Powdercoat Finish, Hardware Included. 1 1/2" Dia. x 1 1/2" H

\*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)



**BREBASE\***

\*Shown Mounted

**Accessories  
(Order Separately, Field Installed)**

P17126 Remote Programming Tool for P17125



**P17126**

**Replacement Parts  
(Order Separately, Field Installed)**

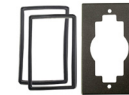
P17125 Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17125 Spec. Page for Details.

BOADP1 Adapter Plate with Gaskets for Outlet Boxes. Fits LEPG Round Bollards. Die Cast with Bronze Powdercoat Finish.

For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.

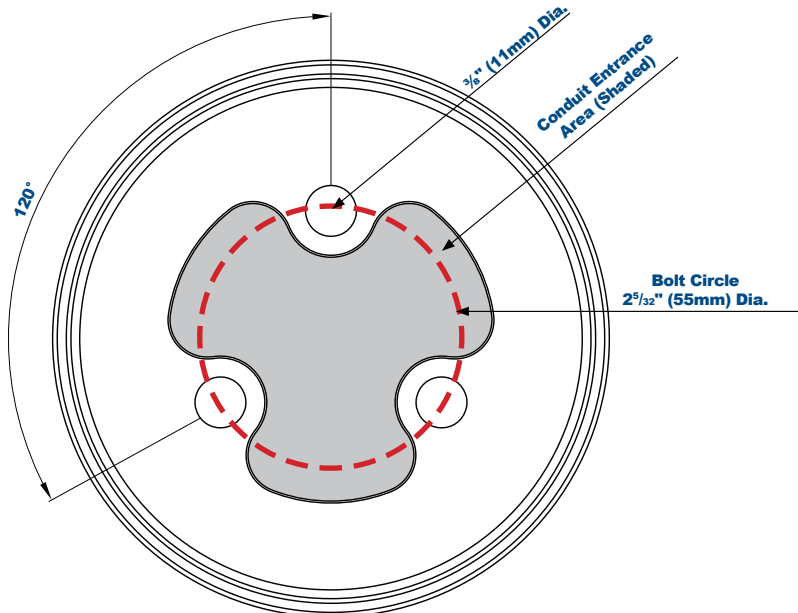


**P17125**



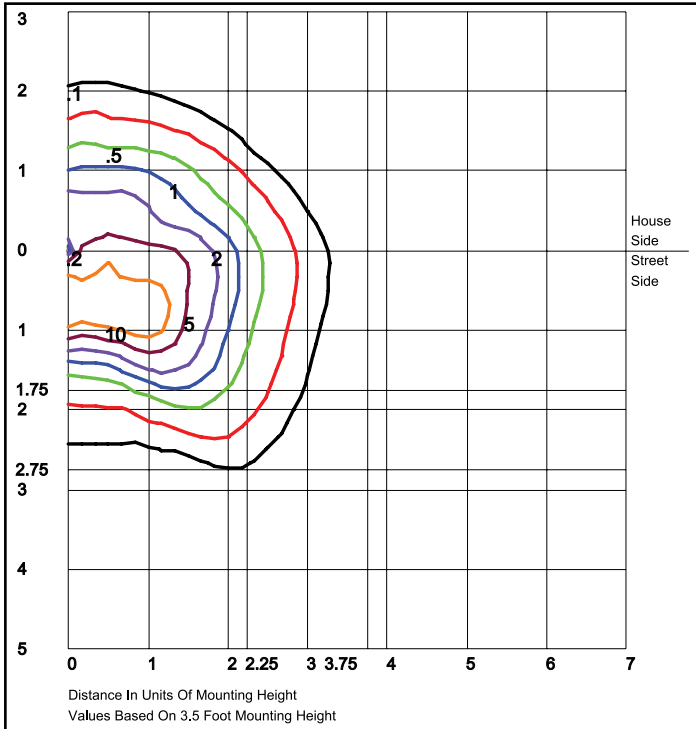
**BOADP1**

**Base Dimensions**

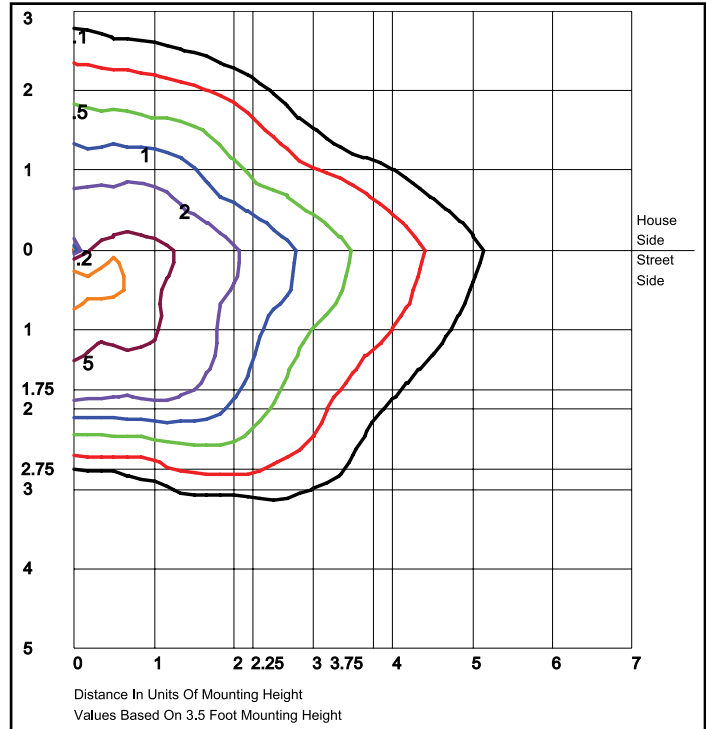


Specifications subject to change without notice. Rev. 031423

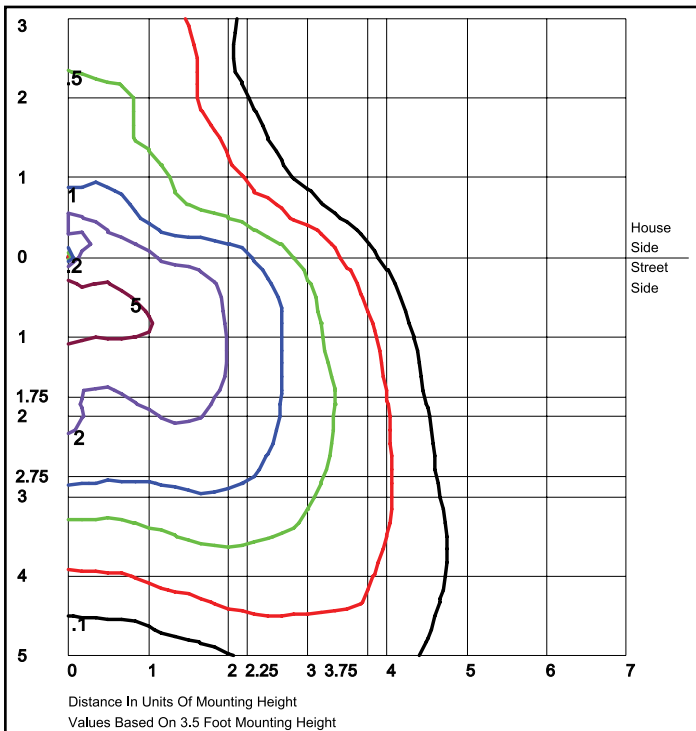
**Photometric Data**



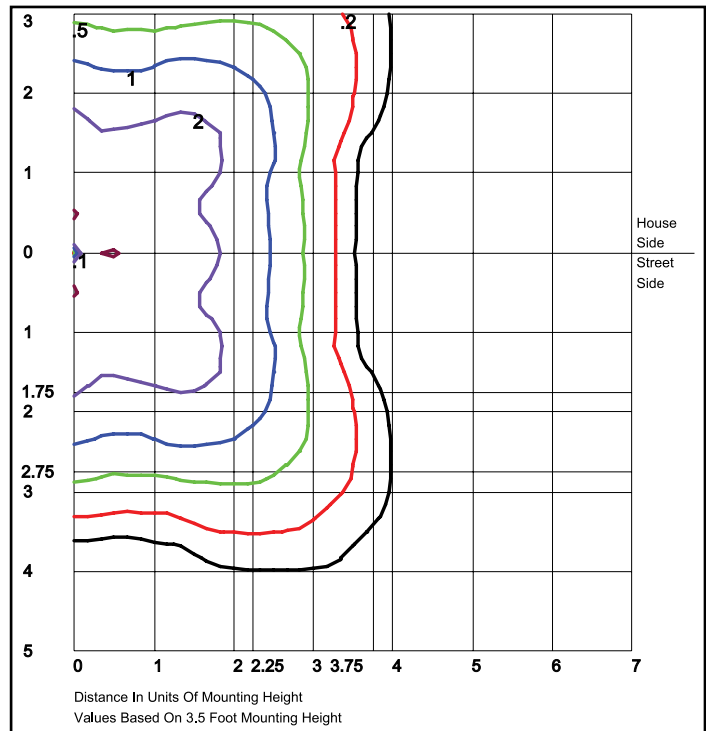
**WMB12QB1X19UAM**  
**Type II**  
Grid in feet, Mounting Height = 3.5 ft.



**WMB12QC1X19UAM**  
**Type III**  
Grid in feet, Mounting Height = 3.5 ft.



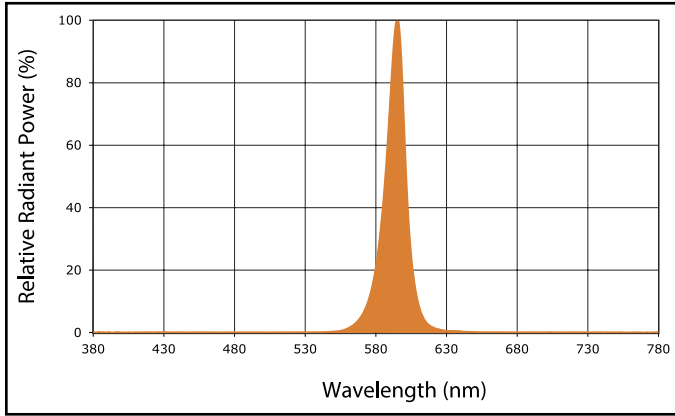
**WMB12QD1X19UAM**  
**Type IV**  
Grid in feet, Mounting Height = 3.5 ft.



**WMB12QF1X19UAM**  
**Type V**  
Grid in feet, Mounting Height = 3.5 ft.

Specifications subject to change without notice. Rev. 081622

**Spectral Chart**



**Photometric Performance**

		Wattage (Catalog Logic)	19w (1X19)
		Input Watts	21.4w
Optic	CCT	Delivered Lumens	
<b>WMB12Q B=Type II Open</b>	Amber	727	
	BUG Rating	B0-U0-G0	
<b>WMB12Q C=Type III Open</b>	Amber	765	
	BUG Rating	B0-U0-G0	
<b>WMB12Q D=Type IV Open</b>	Amber	757	
	BUG Rating	B0-U0-G1	
<b>WMB12Q F=Type V Open</b>	Amber	801	
	BUG Rating	B0-U0-G0	

**Projected Lumen Maintenance**

Data shown for Amber LEDs		Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	21.4w	1.00	0.96	0.92	0.84	187,000
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>		1.00	0.93	0.87	0.73	113,000
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>		1.00	0.97	0.93	0.86	144,000

- NOTES:**
- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
  - Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.