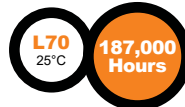


# WMB12Q DuraLED Small Nautilus Bollard



Project Name:	<b>Project Information</b>	Fixture Type:
Complete Catalog #:		Date:
Comments:		

The DuraGuard WMB12Q DuraLED Small Nautilus Bollard with Sealed UV-stabilized clear polycarbonate optical lens are designed to replace HID lighting systems up to 70w MH or HPS. 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:

CSA: 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.

### DURALED LED:

Aluminum Boards with Conformal Coating

### WATTAGE:

Array: 10w, System: 10.3w (up to 35w HID equivalent)  
 Array: 19w, System: 20.5w (up to 50w HID equivalent)  
 Array: 28w, System: 30.8w (up to 70w 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 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 DuraGuard 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.

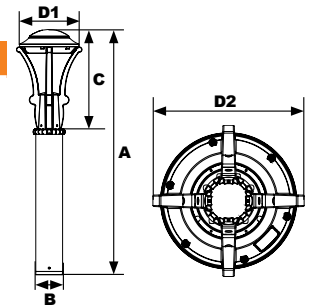
See Page 4 for Projected Lumen Maintenance Table.



WMB12Q with Clear Polycarbonate Optical Lens

### Dimensions

- Diameter 1 (D1)** 10½" (264mm)
- Diameter 2 (D2)** 11½" (294mm)
- Height 1 (A)** 43" (1093mm)
- Height 2 (C)** 17¾" (441mm)
- Base (B)** 4¾" (120mm)



## DuraLED TECHNOLOGY

Complete Units Ordering Information  
 Example: **WMB12QF1X28U5KCBSF**

# WMB12Q DuraLED Small Nautilus Bollard

WMB12Q		U		C			
Model	Optic	Wattage	Driver	CCT	Lens	Color	Options
WMB12Q=DuraLED Small Nautilus Bollard	B=Type II C=Type III D=Type IV F=Type V	1X10=10w 1X19=19w 1X28=28w	U=120-277V	3K=3000K 4K=4000K 5K=5000K		B=Black C=Custom (Consult Factory)	
<b>C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Optical Lens</b>							

- SF=Single Fuse\*
- DF=Double Fuse\*
- SP=Surge Protection
- GF1=GFCI Outlet, 15A, 120V
- S3=Microwave Sensor with Dimming & Remote Programming\* (See P17121 Spec Page for Details.)
- BU=Battery Backup,90 Minutes\*
- BUC=Cold Start Battery Backup, -20°C, 90 Minutes\*

\*120-277V Models Only.



Specifications subject to change without notice.

# WMB12Q DuraLED Small Nautilus Bollard



## ACCESSORIES & REPLACEMENT PARTS:

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

**BREBASE\*** Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all DuraGuard 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)

**P17122** Remote Programming Tool for P17121



**P17122**

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

**P17121** Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17121 Spec. Page for Details.

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

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

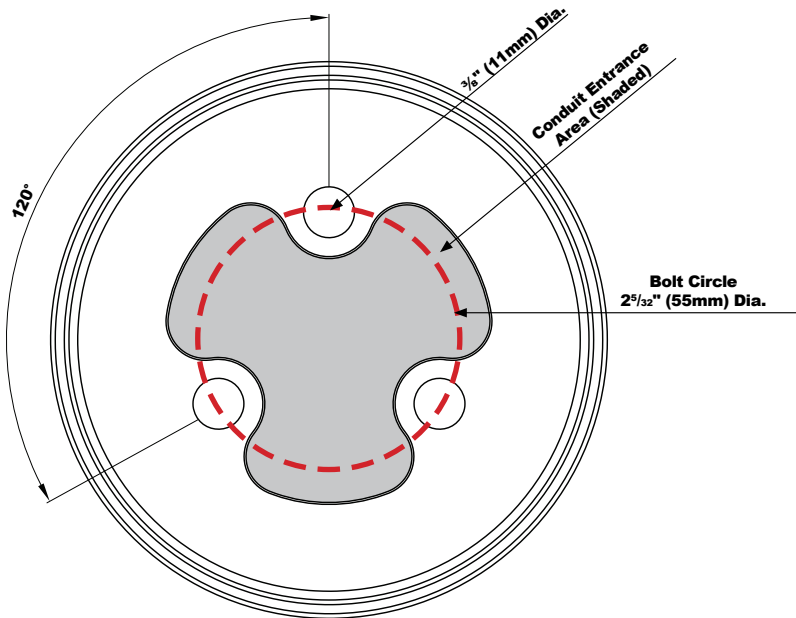


**P17121**



**BOADP1**

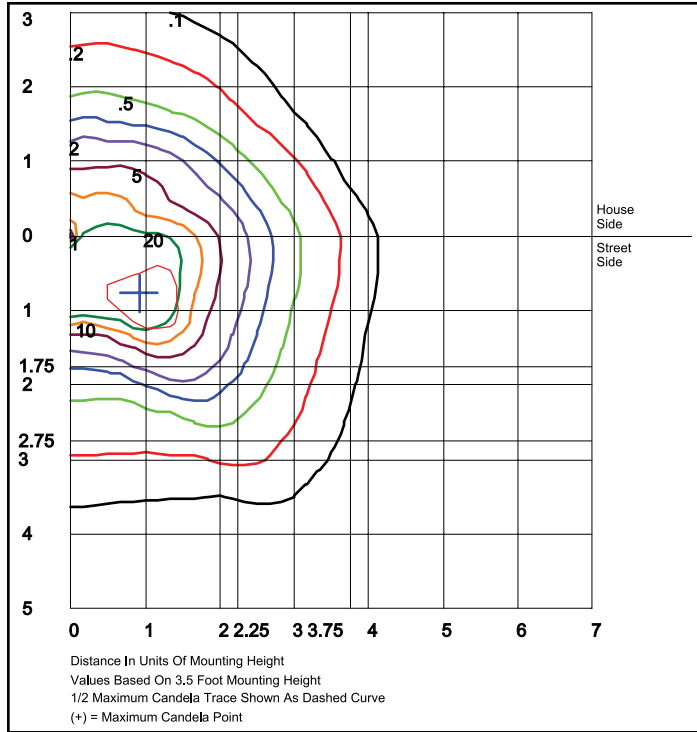
## BASE DIMENSIONS:



# WMB12Q DuraLED Small Nautilus Bollard

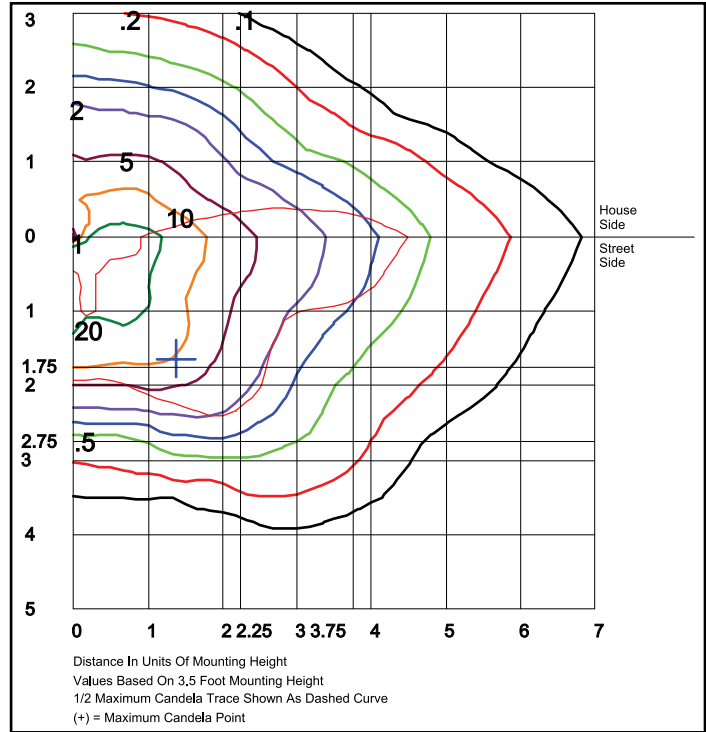


## PHOTOMETRIC DATA



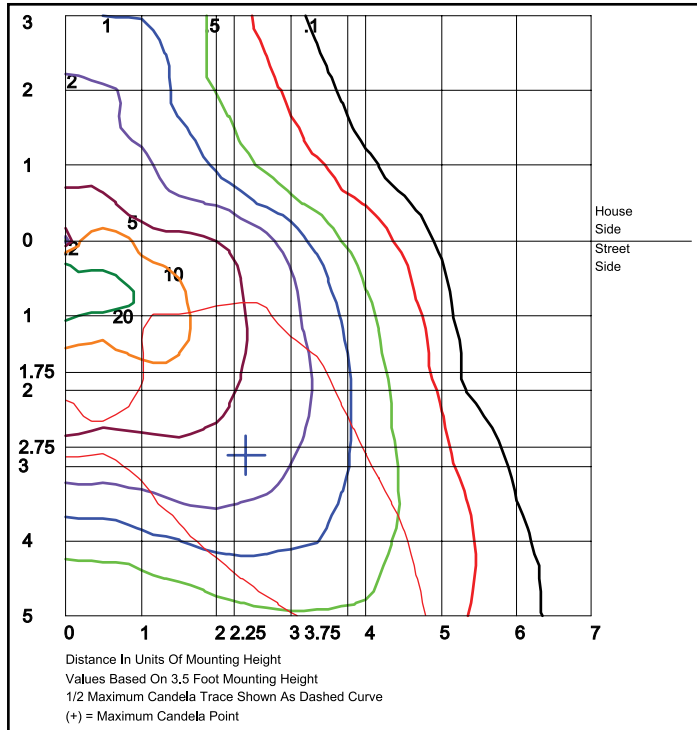
**WMB12QB1X28U5K**  
Type II

Grid in feet, Mounting Height = 3.5 ft.



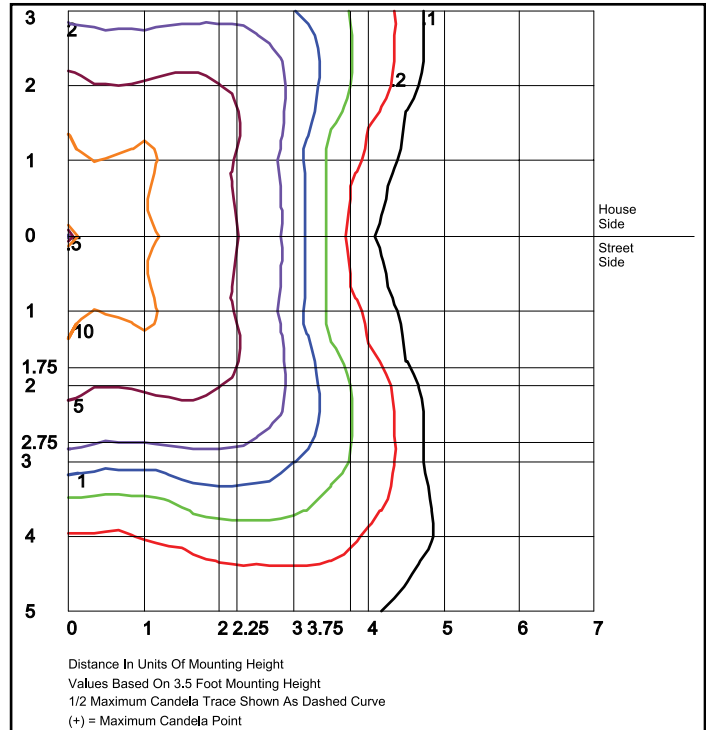
**WMB12QC1X28U5K**  
Type III

Grid in feet, Mounting Height = 3.5 ft.



**WMB12QD1X28U5K**  
Type IV

Grid in feet, Mounting Height = 3.5 ft.



**WMB12QF1X28U5K**  
Type V

Grid in feet, Mounting Height = 3.5 ft.

**WMB12Q DuraLED Small Nautilus Bollard**

**DuraGuard**  
 PRODUCTS INC.  
 A QSSI Company
**PHOTOMETRIC PERFORMANCE**

Optic	Wattage (Catalog Logic)	10W (1X10)	19W (1X19)	28W (1X28)
	Input Watts	10.3W	20.5W	30.8W
	CCT	Delivered Lumens		
<b>WMB12Q with Clear Polycarbonate Optical Lens B=Type II</b>	3000K	833	1,666	2,499
	4000K	860	1,720	2,579
	5000K	893	1,787	2,680
	BUG Rating	B0-U0-G0	B0-U0-G1	B1-U0-G1
<b>WMB12Q with Clear Polycarbonate Optical Lens C=Type III</b>	3000K	876	1,752	2,628
	4000K	904	1,809	2,712
	5000K	939	1,879	2,818
	BUG Rating	B0-U0-G1	B1-U0-G1	B1-U0-G1
<b>WMB12Q with Clear Polycarbonate Optical Lens D=Type IV</b>	3000K	867	1,735	2,602
	4000K	895	1,790	2,686
	5000K	930	1,860	2,790
	BUG Rating	B0-U0-G1	B1-U0-G2	B1-U0-G2
<b>WMB12Q with Clear Polycarbonate Optical Lens F=Type V</b>	3000K	918	1,836	2,753
	4000K	947	1,894	2,841
	5000K	984	1,968	2,952
	BUG Rating	B1-U0-G1	B2-U0-G1	B2-U0-G1

**PROJECTED LUMEN MAINTENANCE**

Data shown for 5000 CCT		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>	All wattages up to and including 31w	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:**

1. 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.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.