

WBB12D DuraLED Up/Down Triangular LED Wall Cylinder



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

The DuraGuard DuraLED WBB12D architectural triangle wall cylinder provides up/down lighting with combinations of narrow, medium and wide distributions designed to replace HID lighting systems from 100w MH or HPS. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 16 feet can be used based on light level and uniformity requirements.

SPECIFICATIONS AND FEATURES:

HOUSING:

Extruded Round Aluminum Housing with Built-in Heat Sinks.

LISTING & RATINGS:

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

FINISH:

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

LENS:

Tempered Clear Flat Glass Lens

OPTICS:

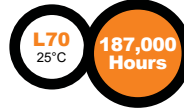
Wide, Medium and Narrow Distributions. Combinations Can Be Specified.

MOUNTING OPTIONS:

Mount Over a 4" Recessed Outlet Box.

DURALED LED:

Aluminum Boards with Conformal Coating.



WATTAGE:

Array: 30w, System: 31.3w; (Up to 100w 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 with Factory-Installed Photocell 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.

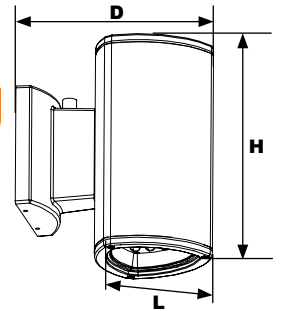
WARRANTY:

5-Year Warranty for -40°C to +50°C Environment.

See Page 2 for Projected Lumen Maintenance Table.



WBB12D - Up/Down
(Shown with PC3 On Arm)



Dimensions

Depth (D)	8 7/8" (224mm)
Height (H)	12 1/2" (320mm)
Length³ (L)	5 9/16" (138mm)

DuraLED TECHNOLOGY

Complete Units Ordering Information
Example: **WBB12DWMQ2X15U4KZPC3**

WBB12D DuraLED Up/Down Triangular LED Wall Cylinder

WBB12D		Q	2X15					
Model	Up Optics/Beam	Down Optics/Beam	LED	Wattage	Driver	CCT	Color	Options
			Q=DuraLED Array 2X15=30w		U=120-277V H=347-480V	3K=3000K 4K=4000K	Z=Bronze B=Black C=Custom (Consult Factory)	
	W=Wide Beam, 100° Optics M=Medium Beam, 70° Optics N=Narrow Beam, 30° Optics	W=Wide Beam, 100° Optics M=Medium Beam, 70° Optics N=Narrow Beam, 30° Optics						SF=Single Fuse* DF=Double Fuse* SP=Surge Protection PC3=Photocell, 120-277VAC BU=Battery Backup, 90 Minutes* BUC=Cold Start Battery Backup, -20°C, 90 Minutes*

*120-277V Models Only.

WBB12D=DuraLED Up/Down Triangular LED Wall Cylinder



Specifications subject to change without notice.

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ACCESSORIES & REPLACEMENT PARTS:



P18103

Replacement Parts (Order Separately, Field Installed)

P18103 120-277VAC Photocell

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

PHOTOMETRIC PERFORMANCE

Wattage (Catalog Logic)		30W (2X15)
Optic	Input Watts	31.3W
	CCT	Delivered Lumens
WBB12DWW WW=100° Optics Up/Down	3000K	3,114
	4000K	3,214
	BUG Rating	B1-U5-G0
WBB12DMM MM=70° Optics Up/Down	3000K	3,204
	4000K	3,307
	BUG Rating	B1-U5-G0
WBB12DNN NN=30° Optics Up/Down	3000K	4,028
	4000K	4,158
	BUG Rating	B2-U5-G0

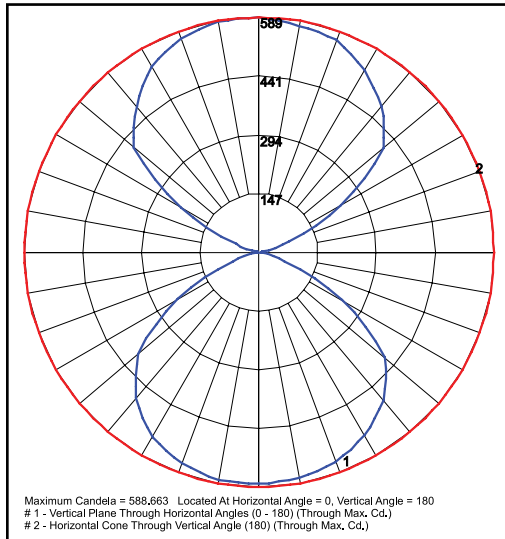
PROJECTED LUMEN MAINTENANCE

Data shown for 4000 CCT		Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	31w	1.00	0.96	0.92	0.84	187,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.87	0.73	113,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.97	0.93	0.86	144,000

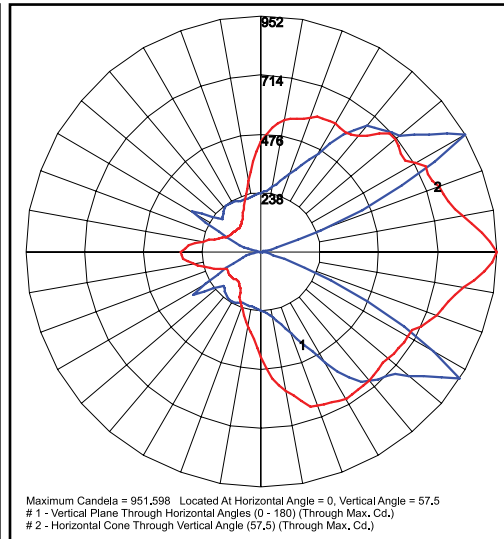
- NOTES:**
- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
 - Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide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

PHOTOMETRIC DATA

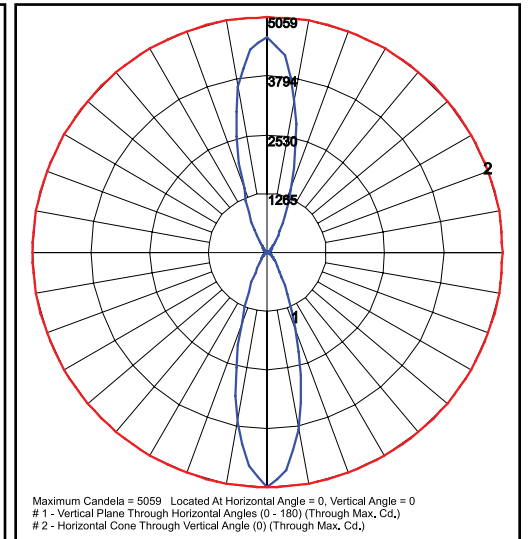
WIDE



MEDIUM



NARROW



WBB12DWWQ2X15U4K
Wide (WW) 100° Optics Up and Down

Also Available With:
 WM=Wide UP, Medium DOWN
 WN=Wide UP, Narrow DOWN

WBB12DMMQ2X15U4K
Medium (MM) 70° Optics Up and Down

Also Available With:
 MW=Medium UP, Wide DOWN
 MN=Medium UP, Narrow DOWN

WBB12DNNQ2X15U4K
Narrow (NN) 30° Optics Up and Down

Also Available With:
 NW=Narrow UP, Wide DOWN
 NM=Narrow UP, Medium DOWN

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