

DuraLED Full Cutoff Wall Sconce



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

The DuraGuard WBB5Q DuraLED Cutoff Architectural Wall Sconce provides controlled down lighting with a uniform distribution designed to replace compact fluorescent and HID lighting systems up to 50w 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 12 feet can be used based on light level and uniformity requirements.

SPECIFICATIONS AND FEATURES:

HOUSING:

Extruded Aluminum Housing with Flush Mount Easy-Hang Wall Bracket, Built-In Level, Sealed Driver Compartment. 360° Distribution, or 120° or 180° Shield.

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:

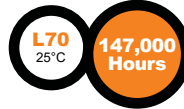
Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens

MOUNTING OPTIONS:

Mount Over a 4" Recessed Outlet Box.

DURALED LED:

Aluminum Boards



WATTAGE:

360° Arrays: 12w & 16.6w, System: 12.9w & 18.9w
180° & 120° Arrays: 10w & 15.5w, System: 11.2w & 17w;
(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.

BATTERY BACKUP:

Battery Backup Option Includes Accessory Housing (Ships Separately). Empty Accessory Housing is Available For Use When a Uniform Building Aesthetic is Desired.

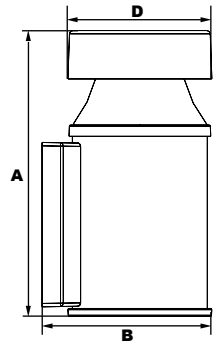
WARRANTY:

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

See Page 2 for Projected Lumen Maintenance Table.



Shown with Battery Backup Option. Includes Factory Wired Back Box for Battery Backup



Dimensions

Diameter (D)	4 1/4" (120mm)
Length (B)	6" (152mm)
Height (A)	10" (254mm)

DuraLED TECHNOLOGY

Complete Units Ordering Information
Example: **WBB5QF1X17U4KCZ**

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Model	U	C			Options
	Driver	CCT	Lens	Color	
	U=120-277V	3K=3000K 4K=4000K 5K=5000K	C= Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens	Z=Bronze B=Black C=Custom (Consult Factory)	
WBB5QF1X12= Full Cutoff Wall Sconce - 360°, 12w WBB5QF1X17= Full Cutoff Wall Sconce - 360°, 17w WBB5QF1X10= Full Cutoff Wall Sconce with 120° Shield, 10w WBB5QF1X16= Full Cutoff Wall Sconce with 120° Shield, 16w WBB5HQF1X10= Full Cutoff Wall Sconce with 180° Shield, 10w WBB5HQF1X16= Full Cutoff Wall Sconce with 180° Shield, 16w					
BU4= Battery Backup, 90 Minutes* BUC4= Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only.					



Specifications subject to change without notice.

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ACCESSORIES & REPLACEMENT PARTS:



ACCHSG4

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

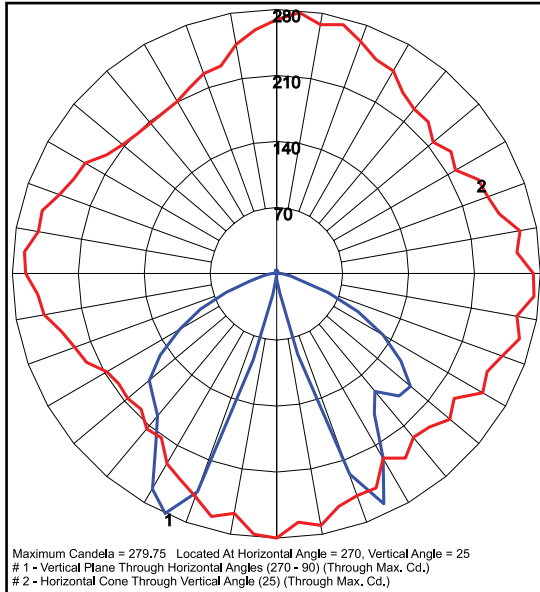
ACCHSG4* Empty Die Cast Accessory Housing, Powdercoat Finish

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

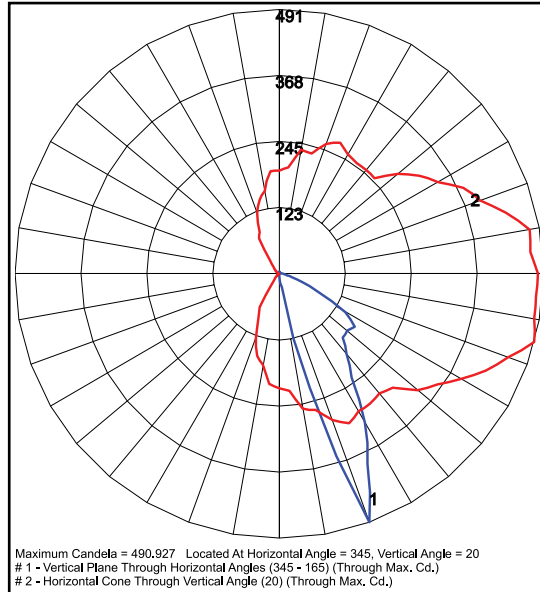
**Replacement Parts
(Order Separately, Field Installed)**

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

PHOTOMETRIC DATA



WBB50QF1X17U4KC
Clear Lens, Type V



WBB5HQF1X16U4KC
Clear Lens, Type I

PHOTOMETRIC PERFORMANCE

Optic	CCT	Wattage (Catalog Logic)	
		12W (1X12)	17W (1X17)
Input Watts		12.9W	18.1W
Delivered Lumens			
360° WBB50 Models F=Type V Optic	3000K	479	671
	4000K	520	728
	5000K	541	758
	BUG Rating	B0-U1-G0	B1-U2-G0

Optic	CCT	Wattage (Catalog Logic)	
		10W (1X10)	16W (1X16)
Input Watts		11.2W	17W
Delivered Lumens			
180° WBB5H Models F=Type V Optic	3000K	338	508
	4000K	352	528
	5000K	366	549
	BUG Rating	B0-U1-G0	B0-U1-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	All wattages up to and including 19w	1.00	0.95	0.90	0.80	147,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.89	0.78	0.55	67,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.92	0.85	0.70	66,000

- 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.