LEDALUX®

EasyLED Full Cutoff Wall Sconce

CATALOG NUMBER:

NOTES:

FIXTURE TYPE:

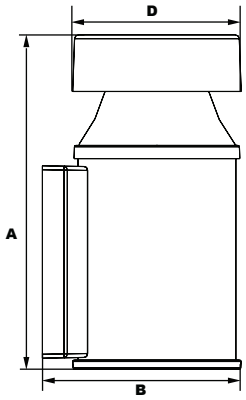
PROJECT:

L70 25°C **147,000 Hours**

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

DIMENSIONS

Diameter (D)	4¾″ (120mm)
Length (B)	6″ (152mm)
Height (A)	10″ (254mm)



PRODUCT DESCRIPTION

The WBB5Q EasyLED 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.

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.

EasyLED 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 Micro-amps.

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.

ORDERING INFORMATION

EXAMPLE: WBB5OQF1X17-U-4K-C-Z

Model	Driver	CCT	Lens	Color	Options
WBB5OQF1X12 = Full Cutoff Wall Sconce - 360°, 12w **WBB5OQF1X17** = Full Cutoff Wall Sconce - 360°, 17w **WBB5TQF1X10** = Full Cutoff Wall Sconce with 120° Shield, 10w **WBB5TQF1X16** = 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	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)	BU4 =Battery Backup, 90 Minutes* BUC4 =Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only.

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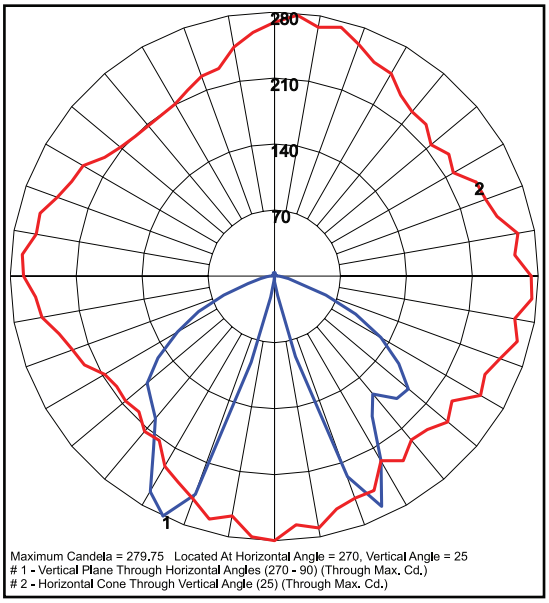
EasyLED Full Cutoff Wall Sconce

EZ SPEC

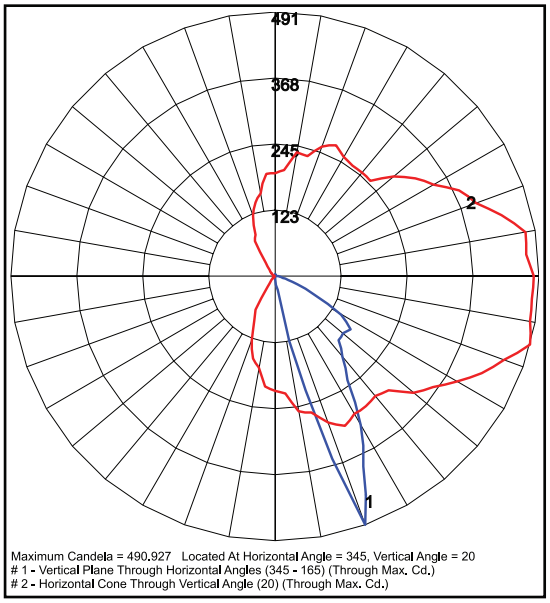
L70 25°C 147,000 Hours

PHOTOMETRIC DATA



Maximum Candela = 279.75 Located At Horizontal Angle = 270, Vertical Angle = 25
1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (25) (Through Max. Cd.)

WBB5OQF1X17U4KC
Clear Lens, Type V



Maximum Candela = 490.927 Located At Horizontal Angle = 345, Vertical Angle = 20
1 - Vertical Plane Through Horizontal Angles (345 - 165) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (20) (Through Max. Cd.)

WBB5HQF1X16U4KC
Clear Lens, Type I

ACCESSORIES & REPLACEMENT PARTS

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 LEPG LED Battery Backup Specification Sheet.

ACCHSG4

PHOTOMETRIC PERFORMANCE

	Wattage (Catalog Logic)	12W (1X12)	17W (1X17)
	Input Watts	12.9W	18.1W
Optic	CCT	Delivered Lumens	
360° WBB5O Models F=Type V Optic	3000K	479	671
	4000K	520	728
	5000K	541	758
	BUG Rating	B0-U1-G0	B1-U2-G0

	Wattage (Catalog Logic)	10W (1X10)	16W (1X16)
	Input Watts	11.2W	17W
Optic	CCT	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.