

HSWBB3Q Series

The HSB3Q and HSB4Q EasyLED Reveal Cutoff Architectural Wall Sconces provide controlled down lighting with a uniform distribution designed to replace HID lighting systems up to 70w 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:

Die Cast Aluminum Housing with Flush Mount Easy-Hang Wall Bracket, Built-In Level, Flat Top, Sealed Driver Compartment. Photocell Adaptable.

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 or SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Inner Lens to Seal LED Array.

Mounting Options:

Mount over a 4" Recessed Outlet Box.

EasyLED LED:

Aluminum Boards

Wattage:

Array: 16.6w, System: 18.1w; (70w HID Equivalent)

Array: 25w, System: 27.2w; (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 Ordered with Factory-Installed Photocell or Motion Sensor Controls 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 LEPC Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

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:

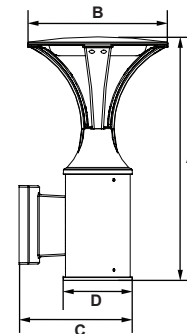
5-Year Warranty for -40°C to +50°C Environment.



HSWBB3Q - Reveal
Round Wall Sconce



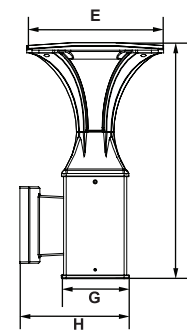
HSWBB4Q - Reveal
Square Wall Sconce



HSWBB3Q

HSWBB3Q Dimensions

Width (B)	10 1/4" (260mm)
Height (A)	17 1/4" (452mm)
Diameter (D)	5" (127mm)
Length (C)	8 1/4" (207mm)



HSWBB4Q

HSWBB4Q Dimensions

Width (E)	10 1/4" (260mm)
Height (F)	17 1/4" (449mm)
Diameter (G)	5" (128mm)
Length (H)	8 1/4" (207mm)

See Page 4 for Projected Lumen Maintenance Table.

Order Information:

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
	F=Wide Beam Spread	1X16=16w					
HSWBB3Q=Reveal Round Wall Sconce	F=Wide Beam Spread	1X16=16w	U=120-277V C=347V	4K=4000K 5K=5000K	C=Clear UV-Stabilized Polycarbonate Array Lens L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens	Z=Bronze B=Black C=Custom (Consult Factory)	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) SP=Surge Protection PC1=Photocell, 120VAC PC3=Photocell, 120-277VAC
HSWBB4Q=Reveal Square Wall Sconce							

Accessories & Replacement Parts:

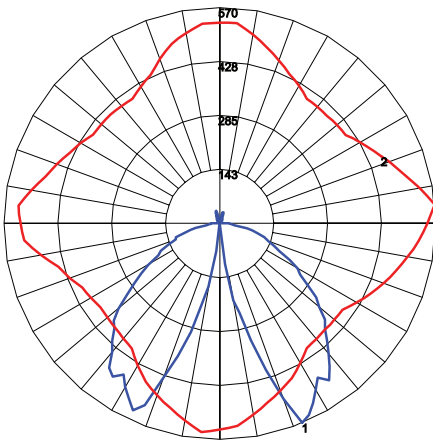


P18100 &
P18103

Replacement Parts (Order Separately, Field Installed)

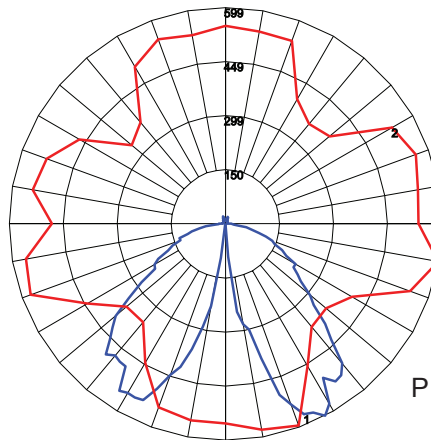
B3LL	SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens
B4LL	SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens
P18100	120VAC Photocell
P18103	120-277VAC Photocell

Photometric Data



Maximum Candela = 570,207 Located At Horizontal Angle = 5, Vertical Angle = 22.5
1 - Vertical Plane Through Horizontal Angles (5 - 185) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (22.5) (Through Max. Cd.)

HSWBB3QF1X16U5KC
Type V



Maximum Candela = 598,595 Located At Horizontal Angle = 350, Vertical Angle = 27.5
1 - Vertical Plane Through Horizontal Angles (350 - 170) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (27.5) (Through Max. Cd.)

HSWBB4QF1X16U5KC
Type V

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 16w	525	20	AWBB3 Type V	1,603	80	1	2	1	1,539	77	1	2	1
			AWBB4 Type V	1,678	84	1	2	1	1,611	81	1	2	1

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 L70@ 25°C
HSWBB3 L70 Lumen Maintenance @ 25°C / 77°F	20	1.00	0.96	0.92	0.84	187,000
HSWBB4 L70 Lumen Maintenance @ 25°C / 77°F	20	1.00	0.96	0.92	0.84	187,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
HSWBB3 L70 Lumen Maintenance @ 50°C / 122°F	20	1.00	0.94	0.87	0.74	117,000
HSWBB4 L70 Lumen Maintenance @ 50°C / 122°F	20	1.00	0.93	0.87	0.73	113,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
HSWBB3 L80 Lumen Maintenance @ 40°C / 104°F	20	1.00	0.97	0.93	0.87	151,000
HSWBB4 L80 Lumen Maintenance @ 40°C / 104°F	20	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 525mA 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.