

BKH1Q/BKH2Q

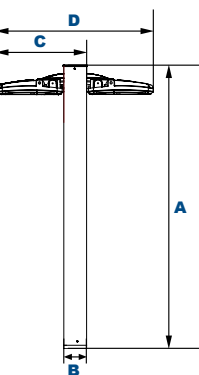
L70
25°C

320,000 Hours

EasyLED Mini Bentley Kitty Hawk Bollard



Single Bollard (BKH1Q)



Dimensions

Single Width (C)	15 1/4" (398mm)
Twin Width (D)	27 1/2" (700mm)
Length (B)	4 3/4" (120mm)
Height (A)	48 3/4" (1236mm)

Project Information:

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

The LEPG BKH Bollard with choice of optics are designed to replace HID lighting systems up to 100w 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 Aluminum Housing with Flush Mounting Base & Vandal-Resistant Screws. Fixture has Die Cast Aluminum Housing and Front Frame, Integral Heat Sinking and Driver Compartment. Nickel-Plated Stainless Steel Hardware.

Listing & Ratings:

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

Finish:

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

Lens:

Tempered Clear Flat or SoftLED Flat Glass Lens

Mounting Options:

Mounting Kit with 8" Anchor Bolts, Included.

EasyLED LED:

Aluminum Boards

Wattage:

22w Array: 21.7w, System: 23.8w;
37w Array: 37.2w, System: 43w;
44w Array: 43.4w, System: 47.6w;
74w Array: 74.4w, System: 86w

Driver:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz (37w Model Only); Less Than 20% THD and PF>0.90. Standard Internal Surge Protection is 2kV for 22w, 6kV for 37w. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls:

Fixtures Ordered with Factory-Installed 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 QSSI 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 3 for Projected Lumen Maintenance Table.

Certification & Listings:



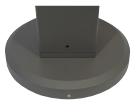
Order Information Example:		BKH2QF2X37U5KCZSP						
Model	Optics/Beam	Wattage	Driver	CCT	Lens	Color	Height	Options
BKH1Q = EasyLED Mini Bentley Kitty Hawk Single Bollard BKH2Q = EasyLED Mini Bentley Kitty Hawk Twin Bollard	C =Type III/ NEMA 7H x 7V F =Type V/ NEMA 7H x 7V	1X22 =22w 1X37 =37w 2X22 =44w 2X37 =74w	U =120-277V H =347V-480* *37 & 74w Models Only	3K =3000K* 4K =4000K 5K =5000K *37w & 74w F Optic Only.	C =Standard Clear Flat Glass Lens S =SoftLED Flat Glass Lens* *Type V Optic Only.	Z =Bronze C =Custom (Consult Factory)	(Leave Blank) = 48" Standard Height 36 =36" Height 30 =30" Height	SF =Single Fuse* DF =Double Fuse* SP =Surge Protection GF1 =GFCI Outlet, 15A, 120V SS =Internal Microwave Sensor* *120-277V Models Only

Accessories & Replacement Parts:

Mounting Accessories (Order Separately, Field Installed)

BREBASE* Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all LEPG Bollards. Die Cast with Powdercoat Finish, Hardware Included. 1 1/2" Dia. x 1 1/2" H

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



BREBASE*

*Shown Mounted

Accessories (Order Separately, Field Installed)

P17126 Remote Programming Tool for P17125



P17126

Replacement Parts (Order Separately, Field Installed)

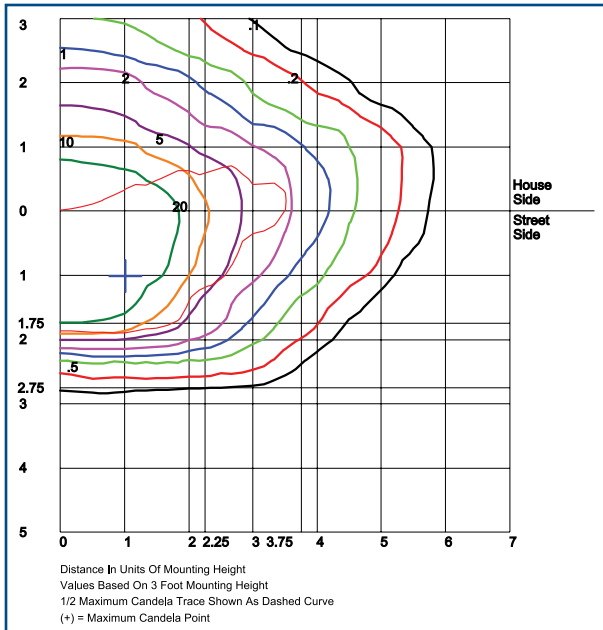
P17125 Internal Microwave Sensor (120-277V Only)

KH15GLSS SoftLED Flat Glass Lens



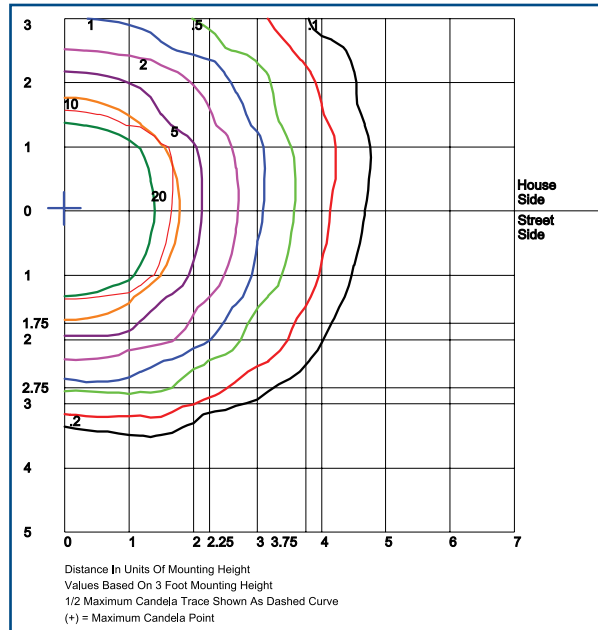
P17125

Photometric Data



BKH1QC-1X37U5KC
Type III

Grid in MH
MH=4 Feet



BKH1QF-1X37U5KC
Type V

Grid in MH
MH=4 Feet

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI					3000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 22w	525	24	C Type III	2,875	116	1	0	1	2,681	108	1	0	1	-	-	-	-	-
			F Type V	2,742	111	1	0	0	2,557	103	1	0	0	-	-	-	-	-
EasyLED 37w	525	43	C Type III	4,834	118	1	0	1	4,508	110	1	0	1	4,351	102	1	0	1
			F Type V	4,611	113	2	0	0	4,300	105	2	0	0	4,150	97	2	0	0

Projected Lumen Maintenance

Data shown for 5000 CCT TM-21-11	Input Watts	Compare to MH				Calculated LED Life
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 43w	1.00	0.98	0.95	0.91	320,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.95	0.89	0.79	141,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.96	0.93	0.85	134,000

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.