KELSEY-KANE LIGHTING
MANUFACTURING COMPANY
"Serving Lighting Professionals Since 1978"

EasyLED Technology

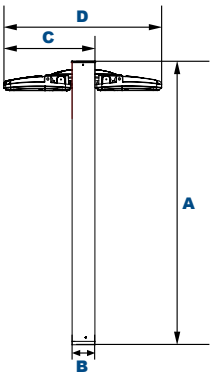
BKH1Q/BKH2Q

L70 25°C 320,000 Hours

EasyLED Mini Bentley Kitty Hawk Bollard

Twin Bollard (BKH2Q)

Single Bollard (BKH1Q)



Dimensions	
Single Width (C)	15¾" (398mm)
Twin Width (D)	27½" (700mm)
Length (B)	4" (102mm)
Height (A)	48¾" (1236mm)

The BKH Bollard with choice of optics are designed to replace HID lighting systems up to 400w 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; (Up to 100w HID Equivalent.)
37w: Array: 37.2w, System: 43w; (Up to 175w HID Equivalent.)
44w Array: 43.4w, System: 47.6w; (Up to 200w HID Equivalent.)
74w: Array: 74.4w, System: 86w; (Up to 400w HID Equivalent.)

Driver:
Electronic Driver, 120-277V, 50/60Hz or 347V, 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.

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

See Page 2 for Projected Lumen Maintenance Table.

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 **C**=347V* *37 & 74w Model Only.	**3K**=3000K* **4K**=4000K **5K**=5000K *Use with 37w & 74w F Optic Only.	**C**=Standard Clear Flat Glass Lens **S**=SoftLED Flat Glass Lens	**Z**=Bronze **C**=Custom (Consult Factory)	**(Leave Blank)**= 48" Standard Height **36**=36" Height **30**=30" Height	**SF**=Single Fuse (120-277V Only) **DF**=Double Fuse (120-277V Only) **SP**=Surge Protection **GF1**=GFCI Outlet, 15A, 120V

Project Information:

Project Name: Fixture Type:

Complete Catalog #: Date:

Comments:

Certification & Listings:

IP66 SoftLED

Specifications subject to change without notice. Rev. 060719

Voice & Text: 954-772-3187 / E-Mail: info@kelsey-kane.com / Website: www.kelsey-kane.com

KELSEY-KANE LIGHTING MANUFACTURING COMPANY

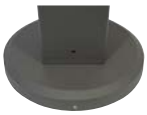
"Serving Lighting Professionals Since 1978"

BKH1Q/BKH2Q

L70 25°C — 320,000 Hours

EasyLED Mini Bentley Kitty Hawk Bollard

Accessories & Replacement Parts:



BREBASE*

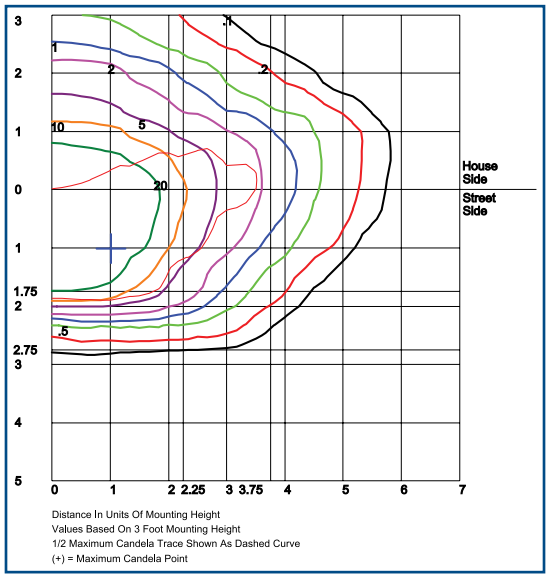
BOADP1

*Shown Mounted

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. 11½″ Dia. x 1½″ H
*Specify Color: Z=Bronze, C=Custom (Consult Factory)	

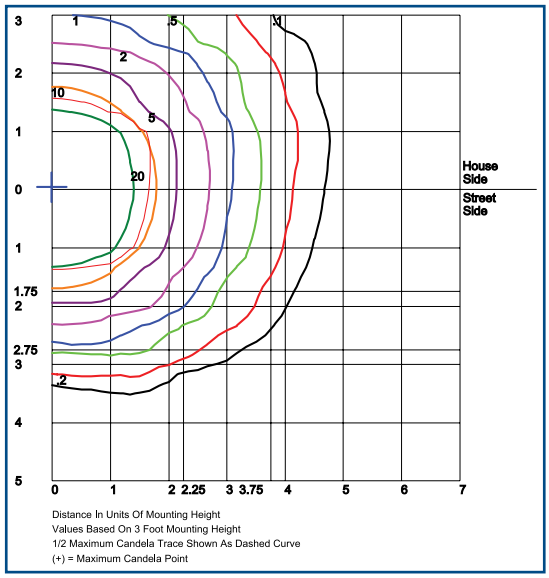
Replacement Parts (Order Separately, Field Installed)	
KH15GL	Tempered Clear Flat Glass Lens.
KH15GLSS	SoftLED Flat Glass Lens
BOADP1	Adapter Plate with Gaskets for Outlet Boxes. Fits LEPG Round Bollards. Die Cast with Bronze Powdercoat Finish.

Photometric Data



BKH1QC1X37U5KC
Type III

Grid in MH
MH=4 Feet



BKH1QF1X37U5KC
Type V

Grid in MH
MH=4 Feet

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts		Optics	5000 CCT 80 CRI Lumens	LPW	B	U	G	4000 CCT 80 CRI 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
			F	Type V	4,611	113	2	0	0	4,300	105	2	0	0

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
L70 Lumen Maintenance @ 25°C / 77°F	24	1.00	0.98	0.97	0.93	429,000
L70 Lumen Maintenance @ 25°C / 77°F	43	1.00	0.98	0.95	0.91	320,000
TM-21-11	**Input Watts**	**Initial**	**25,000 Hrs**	**50,000 Hrs**	**100,000 Hrs**	**Calculated L70@ 50°C**
L70 Lumen Maintenance @ 50°C / 122°F	24	1.00	0.97	0.94	0.88	259,000
L70 Lumen Maintenance @ 50°C / 122°F	43	1.00	0.95	0.89	0.79	141,000
TM-21-11	**Input Watts**	**Initial**	**25,000 Hrs**	**50,000 Hrs**	**100,000 Hrs**	**Calculated L80@ 40°C**
L80 Lumen Maintenance @ 40°C / 104°F	24	1.00	0.97	0.95	0.90	195,000
L80 Lumen Maintenance @ 40°C / 104°F	43	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 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.

Specifications subject to change without notice. Rev. 053019

Voice & Text: 954-772-3187 / E-Mail: info@kelsey-kane.com / Website: www.kelsey-kane.com