

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 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 3 for Projected Lumen Maintenance Table.



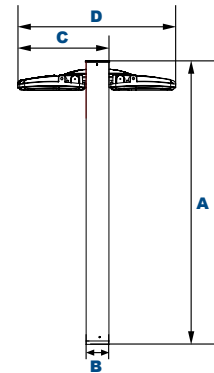
Twin Bollard (BKH2Q)

Single Bollard (BKH1Q)

L70 320,000 Hours
25°C

Dimensions

Single Width (C)	15 1/4" (398mm)
Twin Width (D)	27 1/2" (700mm)
Length (B)	4" (102mm)
Height (A)	48 3/4" (1236mm)



Certification & Listings:

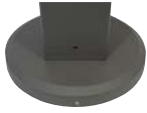


Model	Optics/Beams	Wattage	Driver	CCT	Lens	Color	Height	Options
BKH1Q = EasyLED Mini Bentley Kitty Hawk Single Bollard BKH2Q = EasyLED Mini Bentley Kitty Hawk Twin Bollard	A =Type I/NEMA 7H x 5V B =Type II/NEMA 7H x 5V C =Type III/NEMA 7H x 7V D =Type IV/NEMA 7H x 6V F =Type V/NEMA 7H x 7V	1X22 =22w 1X37 =37w 2X22 =44w 2X37 =74w	U =120-277V C =347V* *37 & 74w Model Only.	3K =3000K 4K =4000K 5K =5000K	C =Standard Clear Flat Glass Lens S =SoftLED Flat Glass Lens	Z =Bronze B =Black W =White G =Gray 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

Order Information Example:

BKH2QF2X37U5KCZSP

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 Bollards. Die Cast with Powdercoat Finish, Hardware Included. 1 1/2" Dia. x 1 1/2" H

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

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

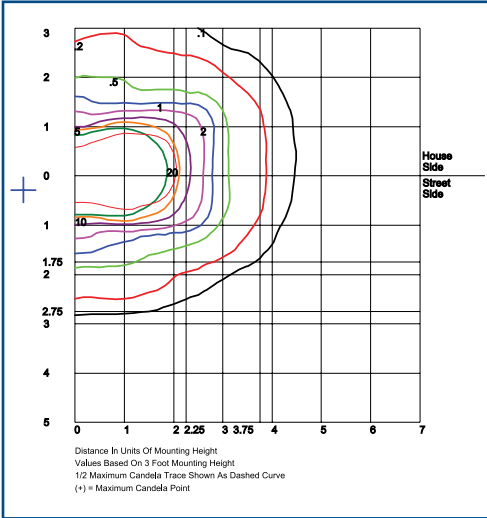
KH15GL Tempered Clear Flat Glass Lens.

KH15GLSS SoftLED Flat Glass Lens

BOADP1* Adapter Plate with Gaskets for Outlet Boxes. Fits Round Bollards. Die Cast with Powdercoat Finish.

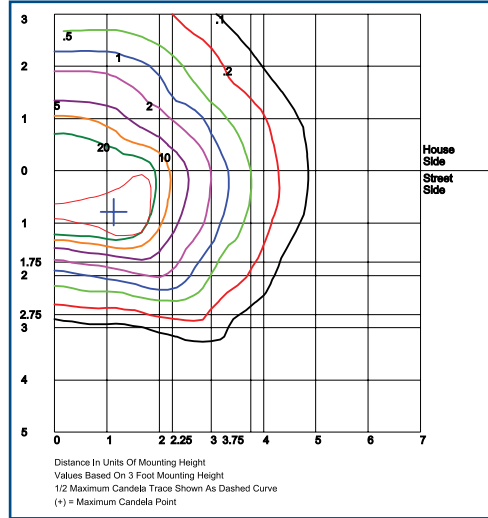
*Specify Color: Z=Bronze, B=Black, W=White, G=Gray, C=Custom (Consult Factory)

Photometric Data



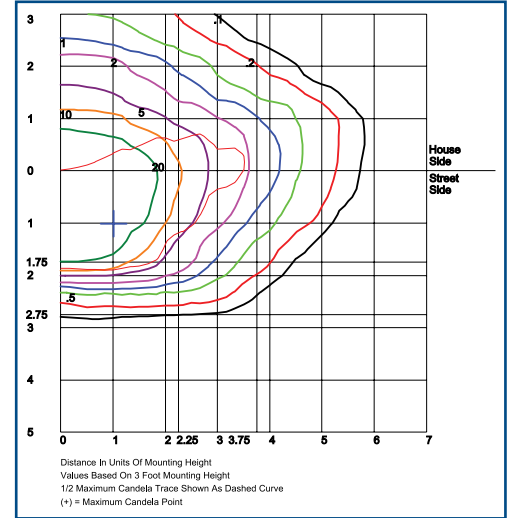
BKH1QA1X37U5KC
Type I

Grid in MH
 MH=4 Feet



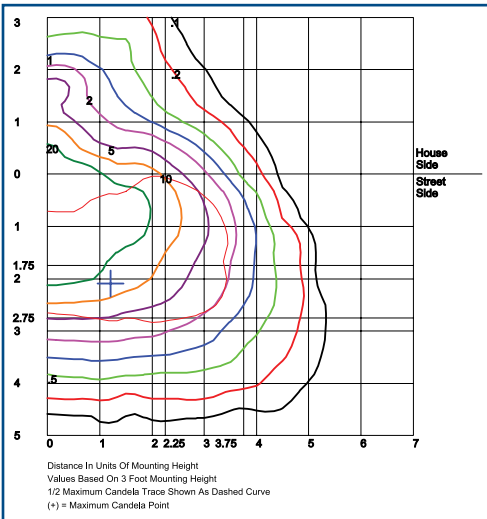
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Type II

Grid in MH
 MH=4 Feet



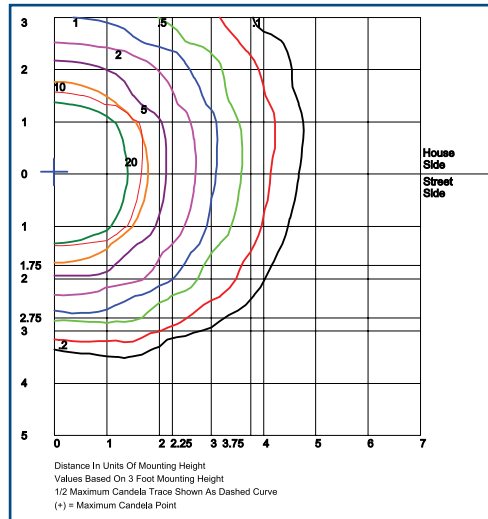
BKH1QC1X37U5KC
Type III

Grid in MH
 MH=4 Feet



BKH1QD1X37U5KC
Type IV

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					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	A	Type I	2,743	111	1	0	1	2,558	103	1	0	1	2,469	103	1	0	1
			B	Type II	2,617	106	1	0	1	2,440	98	1	0	1	2,355	98	1	0	1
			C	Type III	2,875	116	1	0	1	2,681	108	1	0	1	2,587	108	1	0	1
			D	Type IV	2,406	97	0	1	1	2,244	91	0	1	1	2,166	90	0	1	1
			F	Type V	2,742	111	1	0	0	2,557	103	1	0	0	2,468	103	1	0	0
EasyLED 37w	525	43	A	Type I	4,613	113	2	0	1	4,302	105	2	0	1	4,152	97	2	0	1
			B	Type II	4,401	108	1	0	1	4,104	100	1	0	1	3,961	92	1	0	1
			C	Type III	4,834	118	1	0	1	4,508	110	1	0	1	4,351	102	1	0	1
			D	Type IV	3,886	95	1	1	1	3,624	89	1	1	1	3,497	81	1	1	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			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.