

KH25Q

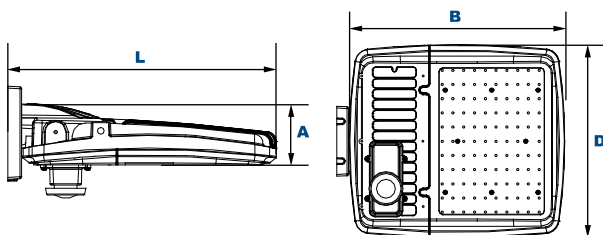
L70
25°C

320,000 Hours

EasyLED Small Bentley Kitty Hawk Wall Light



Shown with "EH" Easy-Hang Wall Bracket



Dimensions

Width (D)	13 3/8" (340mm)
Length (B)	15" (381mm)
Height (A)	3 3/8" (92mm)

Length with Mount (L)

Kitty Hawk Arm (KA): 27 1/2" (699mm)
Yoke (Y): 18" (457mm)
Easy-Hang Wall Bracket (KHEH): 16" (406mm)

Order Information Example:

KH25QF1X112U5KCZKASP

Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting	Options
KH25Q								
KH25Q =Small Bentley Kitty Hawk Wall Light	A =Type I B =Type II C =Type III D =Type IV F =Type V	1X81 =81w 1X112 =112w	U =120-277V H =347/480V* *81w Model Only.	3K =3000K* 4K =4000K 5K =5000K *Use with 81w C, D, F Optics. ♦ Use with 112w D & F Optics.	C =Clear Flat Glass Lens P =Clear Flat Prismatic Glass Lens*	Z =Bronze C =Custom (Consult Factory)	KA =Kitty Hawk Arm Y =Yoke EH =Easy-Hang Wall Bracket NM =No Mount	SF =Single Fuse DF =Double Fuse SP =Surge Protection R3 =3-Pin Twist Lock Photocell Receptacle R7 =7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle with P18132 shorting cap

Project Information:

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

Certification & Listings:

DesignLights Consortium™
Qualified Luminaires:
KH25QA1X81U5KC*
KH25QA1X112U5KC*
KH25QB1X81U5KC*
KH25QB1X112U5KC*
KH25QC1X81U5KC*
KH25QC1X112U5KC*
KH25QD1X81U5KC*
KH25QD1X112U5KC*
KH25QF1X81U5KC*
KH25QF1X112U5KC*

LED lighting facts
LED Product Partner

SP US

IP67

The Bieber KH25Q wall mounted luminaire is available in two wattages with a choice of mounting configurations, and is designed to replace HID lighting systems from 150w to 400w 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 14 to 25 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Die Cast Aluminum Housing and Front Frame, Integral Heat Sinking and Driver Compartment. Photocell Adaptable. Nickel-Plated Stainless Steel Hardware.

Finish:

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

Lens:

Tempered Clear Flat Glass Lens or Tempered Clear Flat Prismatic Glass Lens.

Mounting Options:

Mounts with Kitty Hawk Arm, Yoke or Easy Hang Wall Bracket (Factory Installed).

EasyLED LED:

Aluminum Boards

Wattage:

81w: Array: 80.5w, System: 86.6w;
(150-250w HID Equivalent.)
112w: Array: 111.5w, System: 119.9w
(250-400w HID Equivalent.)

Driver:

Electronic Driver, 120-277V, 50/60Hz or 347/480V, 50/60Hz; Dimmable Driver.

Listing & Ratings:

CSA: Listed for Wet Locations.
Operating Temperatures: -40°C to +50°C
IP67 Sealed LED Compartment.

LM-79 Report Available on Select Models.

See Page 3 for Projected Lumen Maintenance Table.

5-Year Warranty.

Mounting Options:



KH25Q with Kitty Hawk Arm (KA)

Kitty Hawk Die-Cast Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. Mounts Directly to Square Poles.



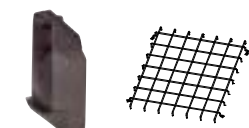
KH25Q with Yoke (Y)

Stamped Heavy-Duty Steel Yoke, Bronze Powdercoat Finish, Includes Hardware.



KH25Q with Easy-Hang Bracket (EH)

Die-Cast Easy-Hang Wall Bracket, Bronze Powdercoat Finish, Includes Hardware.



KH20WMZ

KH25WG

Mounting Accessories (Order separately, Field installed)

KH20WMZ Die-Cast Wall Mount Adaptor, Bronze Powdercoat Finish. Use with KH25A Kitty Hawk Mounting Arm only.

Accessories (Order separately, Field installed)

P18140 110-120VAC Instant Twist Lock Photocell

P18142 105-287VAC Instant Twist Lock Photocell

P18150 120VAC Time Delay Twist Lock Photocell

P18152 277VAC Time Delay Twist Lock Photocell

P18131 Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.

P18132 Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.

KH25WG Wire Guard, Stainless Steel Construction

Replacement Parts (Order separately, Field installed)

KH25GL Tempered Clear Flat Glass Lens.

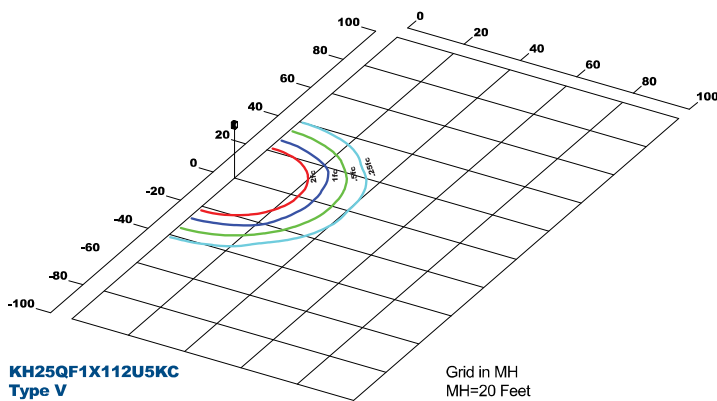
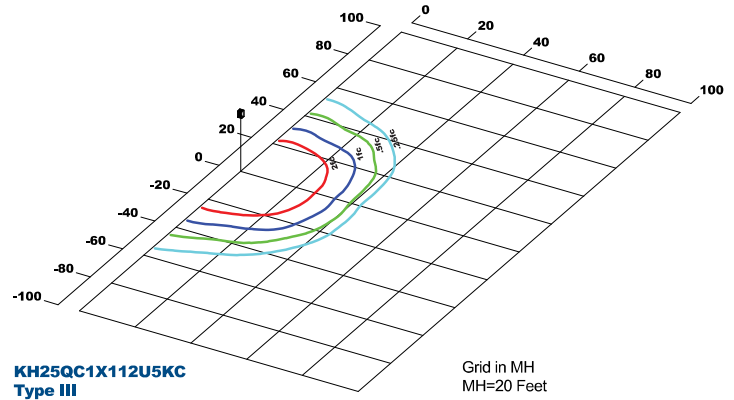
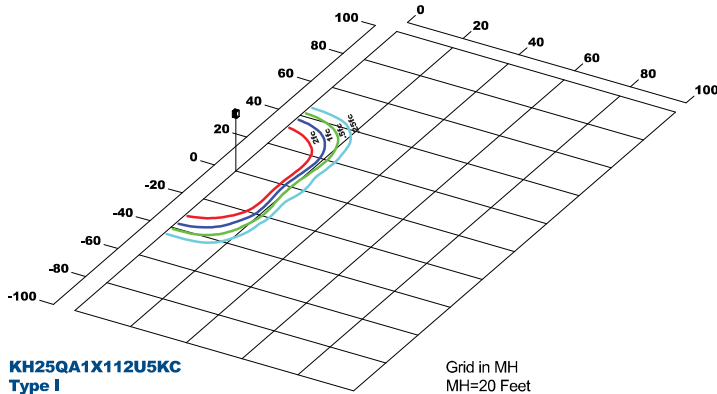
KH25GLP Tempered Prismatic Flat Glass Lens.

KH25AZ Kitty Hawk Die-Cast Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. Mounts Directly to Square Poles.

KH25YZ Stamped Heavy-Duty Steel Yoke, Bronze Powdercoat Finish, Includes Hardware.

KHEHZ Die-Cast Easy-Hang Wall Bracket, Bronze Powdercoat Finish, Includes Hardware.

Photometric Data



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 81w	525	87	Type I	9,308	107	3	3	1	8,517	98	3	3	1
			Type III	8,338	96	2	3	2	7,629	88	2	2	2
			Type V	9,220	106	3	3	1	8,436	97	3	2	1
EasyLED 112w	525	120	Type I	12,534	105	3	3	1	11,469	96	3	3	1
			Type III	11,229	94	3	3	3	10,275	86	2	3	2
			Type V	12,784	107	3	3	1	11,697	98	3	3	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	
L70 Lumen Maintenance @ 25°C / 77°F	87	1.00	0.98	0.97	0.93	429,000	
L70 Lumen Maintenance @ 25°C / 77°F	120	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	87	1.00	0.97	0.94	0.88	259,000	
L70 Lumen Maintenance @ 50°C / 122°F	120	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	87	1.00	0.97	0.95	0.90	195,000	
L80 Lumen Maintenance @ 40°C / 104°F	120	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.