

KH25Q

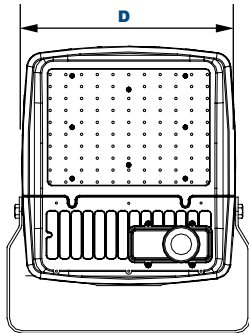
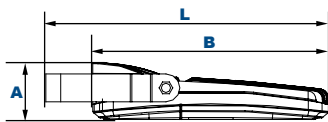
L70
25°C

429,000 Hours

EasyLED Small Bentley Kitty Hawk Area, Wall, and Flood Light



Shown with "SF" Slipfitter Option.



Dimensions

| | | |
|-------------------|-----------------|------------------------------|
| Width (D) | 13 3/8" (340mm) | |
| Length (B) | 15" (381mm) | Length with Mount (L) |
| Height (A) | 3 3/8" (92mm) | |

- Kitty Hawk Arm (KA):** 19 1/4" (491mm)
- Slipfitter (SF):** 18 3/4" (476mm)
- Mounting Arm Adaptor (MA):** 19 3/8" (486mm)
- Yoke (Y):** 18" (457mm)
- Bracket (BR):** 18 3/4" (476mm)
- Easy-Hang Wall Bracket (EH):** 16" (406mm)

The LEPG KH25Q ColorLED static color cut-off area, wall mounted or flood light luminaire is available with a wide choice of mounting configurations and IES Type III or V distributions or a 30° narrow beam designed to provide accent colored light using Blue, Green, Red or Amber LED arrays. Typical lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting can be accomplished using ground attachment accessories and to heights of 14 to 25 feet 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.

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 Glass Lens

Mounting Options:

Mounts with Kitty Hawk Arm, Adjustable Slipfitter, 2 1/2" Diameter Mounting Arm Adapter, Yoke, Two-Piece Bracket or Easy Hang Wall Bracket (Factory Installed).

ColorLED LED:

Aluminum Boards

Wattage:

81w: Array: 81w, System: 81.5w; (150-250w HID Equivalent.)
87w: Array: 87w, System: 98w; (150-250w HID Equivalent.)

Driver:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 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 LEPG 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.

Order Information Example:

KH25QF1X87UBLCZSFSP

| KH25Q | | | | | C | | | |
|--|---|---|--|---|---------------------------------|--|--|--|
| Model | Beam | Wattage | Driver | CCT | Lens | Color | Mounting | Options |
| KH25Q =Small Bentley Kitty Hawk Area, Wall, and Flood Light | C =NEMA 7Hx7V+ F =NEMA 7Hx7V* I =NEMA 4Hx4V♦ +All Colors Special Order, 6 Weeks Lead Time. *Amber Only In Stock, Others Special Order, 6 Week Lead Time. ♦Blue, Green, Red In Stock. Amber Special Order, 6 Week Lead Time. | 1X81 =81w* *Amber only. 1X87 =87w♦ ♦Blue, Green, & Red Only. | U =120-277V H =347-480V | BL =Blue GR =Green RD =Red AM =Amber | C =Clear Flat Glass Lens | Z =Bronze C =Custom (Consult Factory) | KA =Kitty Hawk Arm SF = Slipfitter MA = Mounting Arm Adapter Y =Yoke BR =Two-Piece Swivel Bracket EH =Easy-Hang Wall Bracket NM =No Mount | SF =Single Fuse (120-277V Only) DF =Double Fuse (120-277V Only) SP =Surge Protection M1 =Motion Sensor, IR for mounting heights of 20ft to 35ft M2 =Motion Sensor, IR for mounting heights of 18ft or less R3 =3-Pin Twist Lock Photocell Receptacle R5 =5-Pin Twist Lock Photocell Receptacle R7 =7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle S23 =Internal Microwave Sensor with dimming for mounting heights of 25' or less. (120-277V Only) |

Project Information:

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

Certification & Listings:



Specifications subject to change without notice. Rev. 042619

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 Pole Mounting Arm Adaptor (MA)

Die-Cast Adaptor for 2 3/4" Horizontal Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.



KH25Q with Yoke (Y)

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



KH25Q with "SF" External Mount Slipfitter (SF)

External Mount Die-Cast Adjustable Slipfitter for 2 3/4" Tenons, Bronze Powdercoat Finish, Includes Hardware.



KH25Q with Two-Piece Swivel Bracket (BR)

Two-Piece Stamped Steel Adjustable Bracket, Bronze Powdercoat Finish, Includes Hardware.



KH25Q with Easy-Hang Bracket (EH)

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

EPA (Effective Projected Area)

Shown with Small Kitty Hawk Arm mounting.

| Configuration | EPA (Sq. Ft.) | Weight (Lbs.) |
|---------------|---------------|---------------|
| 1 | 0.60 | 15 Lbs |

| Configuration | EPA (Sq. Ft.) | Weight (Lbs.) |
|---------------|---------------|---------------|
| 2@180° Mount | 1.20 | 30 Lbs |
| 2@90° Mount | 0.82 | 30 Lbs |

| Configuration | EPA (Sq. Ft.) | Weight (Lbs.) |
|---------------|---------------|---------------|
| 3@90° Mount | 1.32 | 45 Lbs |
| 3@120° Mount | 1.20 | 45 Lbs |

| Configuration | EPA (Sq. Ft.) | Weight (Lbs.) |
|---------------|---------------|---------------|
| 4@90° Mount | 1.32 | 60 Lbs |

Accessories & Replacement Parts:



| Mounting Accessories (Order Separately, Field Installed) | |
|--|---|
| KH20RPZ | Die-Cast Adaptor for 3" to 4" Round Poles, Bronze Powdercoat Finish. Use with Kitty Hawk Mounting Arm only. |
| KH20WMZ | Die-Cast Wall Mount Adaptor, Bronze Powdercoat Finish. Use with KH25A Kitty Hawk Mounting Arm only. |
| PTSB1SZ | Single Pole Tenon Spoke Bracket, 2 3/4" Horizontal Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. |
| PTSB290SZ | Twin Pole Tenon Spoke Bracket, 2 3/4" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware. |
| PTSB2180SZ | Twin Pole Tenon Spoke Bracket, 2 3/4" Horizontal 180° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware. |
| PTSB390SZ* | Triple Pole Tenon Spoke Bracket, 2 3/4" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware. |
| PTSB3120SZ* | Triple Pole Tenon Spoke Bracket, 2 3/4" Horizontal 120° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware. |
| PTSB490SZ* | Quad Pole Tenon Spoke Bracket, 2 3/4" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware. |

| Accessories (Order Separately, Field Installed) | |
|---|--|
| 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. |
| P18140 | 110-120VAC Instant Twist Lock Photocell |
| P18150 | 120VAC Time Delay Twist Lock Photocell |
| P18152 | 277VAC Time Delay Twist Lock Photocell |
| P18156 | 120-277VAC Universal Twist Lock Photocell |
| P18157 | 480VAC Time Delay Twist Lock Photocell. For 480V use only. |
| ACCHSG1Z | Die Cast Accessory Housing for Installing Sensors or Other Lighting Controls, Bronze Powdercoat Finish |
| KH25GSZ | Aluminum House Side Shield, Bronze Powdercoat Finish, Includes Hardware. |
| KH25SWG | Wire Guard, Stainless Steel Construction |
| ACCHSG3 | Bronze Polycarbonate Housing for Installing Sensors, Includes Sensor Bracket and Gasket. |

| Replacement Parts (Order Separately, Field Installed) | |
|---|---|
| KH25GL | Tempered Clear Flat Glass Lens. |
| KH25AZ | Kitty Hawk Die-Cast Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. Mounts Directly to Square Poles. |
| ALMAAZ | Die-Cast Adaptor for 2 3/4" Horizontal Mounting Arms, Bronze Powdercoat Finish, Includes Hardware. |
| KH25YZ | Stamped Heavy-Duty Steel Yoke, Bronze Powdercoat Finish, Includes Hardware. |
| FL73SFZX | External Mount Die-Cast Adjustable Slipfitter for 2 3/4" Tenons, Bronze Powdercoat Finish, Includes Hardware. |
| FL73BRZ | Two-Piece Stamped Steel Adjustable Bracket, Bronze Powdercoat Finish, Includes Hardware. |
| KHEHZ | Die-Cast Easy-Hang Wall Bracket, Bronze Powdercoat Finish, Includes Hardware. |
| P17117 | Internal Microwave Sensor with Dimming, 120-277VAC, 50/60Hz. See P17117 Specification Page for Details. |

*Non-stock item. Consult factory for lead time.



F Optic, 110°H x 110°V, NEMA 7Hx7V



I Optic, 30°H x 30°V, NEMA 4Hx4V

Shown on 48' tall building.

Distributions

| LED Board Watts | Input Watts | Beam | |
|----------------------------------|-------------|------|---------------------------|
| AmberLED 81w | 82 | C | 120°H x 70°V, NEMA 7Hx7V |
| | | F | 120°H x 120°V, NEMA 7Hx7V |
| | | I | 30°H x 30°V, NEMA 4Hx4V |
| ColorLED 87w Blue, Green, Red | 99 | C | 120°H x 70°V, NEMA 7Hx7V |
| | | F | 110°H x 110°V, NEMA 7Hx7V |
| | | I | 30°H x 30°V, NEMA 4Hx4V |