LEDALUX®
A DIVISION OF MULE LIGHTING, INC.

TURTLE-FRIENDLY

LXKH15Q

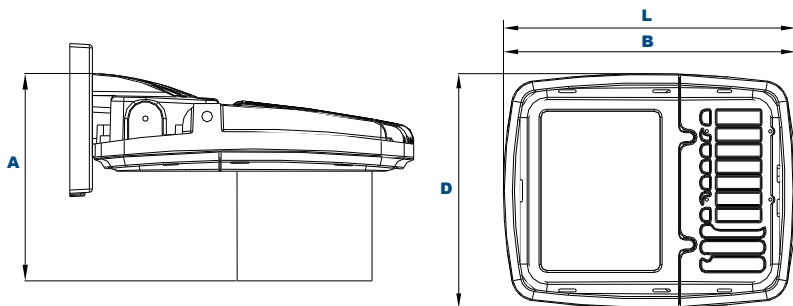**L70** 25°C → 320,000 Hours

AmberLED Mini Bentley Kitty Hawk Area and Wall Light

Shown with "KA" Kitty Hawk Arm and "BF" Baffle.

AmberLED Technology

The AmberLED LXKH15Q luminaire is available in two wattages with horizontal cut-off mounting configurations and a shielded IES Type V distribution, and is certified by the Florida Fish & Wildlife Conservation Commission (FWC) for wildlife applications that are directly visible from the shore requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required by FWC. Typical applications include retail centers, hotels, residential, parks, schools and universities, office buildings and medical facilities. Mounting heights of up to 12 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. Includes Full Baffle Required to Maintain FWC Certification.

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, 2⅜″ Diameter Mounting Arm Adapter, or Easy Hang Wall Bracket (Factory Installed).

AmberLED:
Aluminum Boards

Wattage:
22w: Array: 22w, System: 25.4w; (Up to 100w HID Equivalent.)
37w: Array: 37w, System: 38.2w; (Up to 175w HID Equivalent.)

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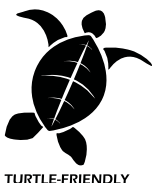Electronic Driver, 120-277V, 50/60Hz or 347V, 50/60Hz; Dimmable Driver.

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

See Page 3 for Projected Lumen Maintenance Table.

AmberLED

WILDLIFE LIGHTING
Certification #2018-001

Dimensions

Width (D)	9½″ (240mm)	
Length (B)	11¾″ (299mm)	**Length with Mount (L)**
Height (A)	7½″ (193mm)	

Kitty Hawk Arm (KA): 24¼″ (617mm)
Mounting Arm Adaptor (MA): 16″ (404mm)
Easy-Hang Wall Bracket (KHEH): 12¾″ (324mm)

Order Information Example: LXKH15Q-F-37-U-AM-C-BF

LXKH15Q	F	37		AM	C			BF
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Mounting**	**Options**	**Shield**

Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting	Options	Shield
LXKH15Q= AmberLED Mini Bentley Kitty Hawk Area and Wall Light	**F**=Type V	**37**=37w	**U**=120-277V **C**=347V	**AM**=Amber	**C**=Clear Flat Glass Lens	**Z**=Bronze **C**=Custom (Consult Factory)	**KA**=Kitty Hawk Arm **MA**= Mounting Arm Adapter **EH**=Easy-Hang Wall Bracket	**SF**=Single Fuse **DF**=Double Fuse **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 **R7**=7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle with P18132 shorting cap	**BF**=Baffle

Project Information:

Project Name: _____

Complete Catalog #: _____

Comments: _____

Fixture Type: _____

Date: _____

Certification & Listings:

CSA ᶜ ᵁˢ   IP66

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• P-800 556-7690 F-401 941-2929 • www.LEDALUX.com

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TURTLE-FRIENDLY

LXKH15Q

L70 25°C · 320,000 Hours

AmberLED Mini Bentley Kitty Hawk Area and Wall Light

Mounting Options:

KH15Q with Kitty Hawk Arm (KA)
Kitty Hawk Die-Cast Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. Mounts Directly to Square Poles.

KH15Q with Pole Mounting Arm Adaptor (MA)
Die-Cast Adaptor for 2⅜″ Horizontal Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.

KH15Q 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	0.54	12 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
2@180° Mount	1.08	24 Lbs
2@90° Mount	0.73	24 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
3@90° Mount	1.19	36 Lbs
3@120° Mount	1.08	36 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
4@90° Mount	1.19	48 Lbs

KH20RPZ **KH20WMZ** **PTSB1SZ**

PTSB290SZ **PTSB2180SZ** **PTSB390SZ***

PTSB3120SZ* **PTSB490SZ*** **ACCHSG1Z**

PC1 & PC2 **P18110, P18112**

Mounting Accessories (Order separately, Field installed)

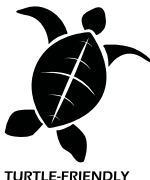|	
KH20RPZ	Die-Cast Adaptor for 3″ to 4″ Round Poles, Bronze Powdercoat Finish. Use with Kitty Hawk Mounting Arm only.
KH20WMZ	Die-Cast Wall Mount Adaptor, Bronze Powdercoat Finish. Use with KH25A Kitty Hawk Mounting Arm only.
PTSB1SZ	Single Pole Tenon Spoke Bracket, 2⅜″ Horizontal Mounting Arm, Bronze Powdercoat Finish, Includes Hardware.
PTSB290SZ	Twin Pole Tenon Spoke Bracket, 2⅜″ Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB2180SZ	Twin Pole Tenon Spoke Bracket, 2⅜″ Horizontal 180° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB390SZ*	Triple Pole Tenon Spoke Bracket, 2⅜″ Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB3120SZ*	Triple Pole Tenon Spoke Bracket, 2⅜″ Horizontal 120° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB490SZ*	Quad Pole Tenon Spoke Bracket, 2⅜″ Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.

*Special Order Item. Lead Time Three Weeks.

Accessories (Order separately, Field installed)

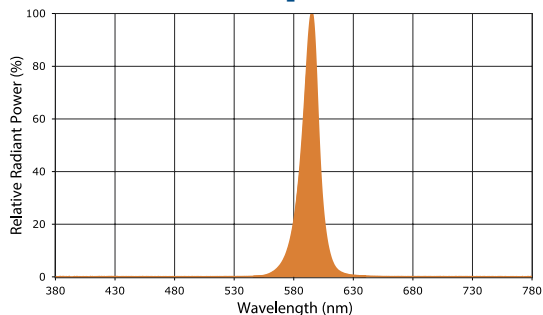|	
ACCHSG1Z	Die Cast Accessory Housing for Installing Sensors or Other Lighting Controls, Bronze Powdercoat Finish

Replacement Parts (Order separately, Field installed)

KH15GL	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 2⅜″ Horizontal Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
KHEHZ	Die-Cast Easy-Hang Wall Bracket, Bronze Powdercoat Finish, Includes Hardware.
PC1	120VAC Photocell
PC2	250-305VAC Photocell
P18110	110-130V 120VAC Pencil Photocell
P18112	208-277V 240VAC Pencil Photocell

Specifications subject to change without notice.   Rev. 021218

Photometric Data

Amber LED - Spectral Chart

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs	
				Lumens	LPW
AmberLED 22w	525	25	Type V	1,159	46
AmberLED 37w	525	38	Type V	1,738	46

Projected Lumen Maintenance

Data shown for Amber LEDs			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	25	1.00	0.98	0.97	0.93	429,000	
L70 Lumen Maintenance @ 25°C / 77°F	38	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	25	1.00	0.97	0.94	0.88	259,000	
L70 Lumen Maintenance @ 50°C / 122°F	38	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	25	1.00	0.97	0.95	0.90	195,000	
L80 Lumen Maintenance @ 40°C / 104°F	38	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.

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