

# AIKH55Q

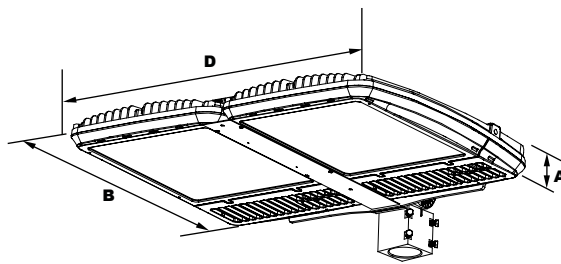
**L70**  
25°C

**393,000 Hours**

## Amber TurboKH Area/Flood Light



Shown with "SF" Slipfitter Mounting Option.



### Dimensions

<b>Width (D)</b>	31½" (798mm)
<b>Length (B)</b>	22" (563mm)
<b>Height (A)</b>	4" (102mm)

### Project Information:

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

The Atlantic Amber AIKH55Q cut-off area or flood light luminaire is available with IES Type III or V distributions or a 30° narrow beam designed to replace HID lighting systems from 400 to 1000w MH or HPS for wildlife or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required for wildlife protection. 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 20 to 50 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 Adjustable Slipfitter. (Factory Installed)

#### Amber LED:

Aluminum Boards

#### Wattage:

Array: 334w, System: 354w; (Up to 1000w 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 Atlantic 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.

**Amber**

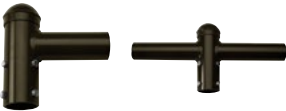


### Certification & Listings:



**Order Information Example:** AIKH55QF2X167UAMCZSFSP

AIKH55Q		2X167		AM	C		SF	
Model	Beam	Wattage	Driver	CCT	Lens	Color	Mounting	Options
AIKH55Q=Amber TurboKH Area/Flood Light	C=NEMA 7Hx7V* F=NEMA 7Hx7V I=NEMA 4Hx4V*  *Special Order, 6 Week Lead Time.	2X167=334w	U=120-277V H=347-480V	AM=Amber	C=Standard Clear Flat Glass Lens	Z=Bronze C=Custom (Consult Factory)	SF= Slipfitter, Included	SF=Single Fuse* DF=Double Fuse* SP=Surge Protection 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 35' or Less.* S43=Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19'.*  *120-277V Models Only.

**Accessories & Replacement Parts:**

Mounting Accessories (Order Separately, Field Installed)	Accessories (Order Separately, Field Installed)	Replacement Parts (Order Separately, Field Installed)
AIP18131 Single Pole Tenon Spoke Bracket, 2 3/8" Horizontal Mounting Arm, Bronze Powdercoat Finish, Includes Hardware.	AIP18131 Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.	AIKH45GL Tempered Clear Flat Glass Lens.
AIP18132 Twin Pole Tenon Spoke Bracket, 2 3/8" Horizontal 180° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.	AIP18132 Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.	AIFL90SFXZ External Mount Die-Cast Adjustable Slipfitter for 2 3/8" Tenons, Bronze Powdercoat Finish, Includes Hardware.
	AIP18140 110-120VAC Instant Twist Lock Photocell	AIP17117 Internal Microwave Sensor with Dimming, 120-277VAC, 50/60Hz. See AIP17117 Specification Page for Details.
<b>AIPTS181SZ AIPTS2180SZ</b>	AIP18152 277VAC Time Delay Twist Lock Photocell	AIP17123 Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz
	AIP18156 120-277VAC Universal Twist Lock Photocell	
	AIP18157 480VAC Time Delay Twist Lock Photocell. For 480V use only.	<b>AIP17117 AIP17123</b>
	AIACCHSG1Z Die Cast Accessory Housing for Installing Sensors or Other Lighting Controls, Bronze Powdercoat Finish	
	AIKH45GSZ Aluminum Glare/House Side Shield, Bronze Powdercoat Finish, Includes Hardware. AIKH55Q Requires Two.	
	AIKH45WG Wire Guard, Stainless Steel Construction, Includes Hardware. AIKH55Q Requires Two.	
	AIACCHSG3 Bronze UV-Stabilized Polycarbonate Housing for Installing Sensors, Includes Sensor Bracket and Gasket.	
		
	<b>AIACCHSG1Z AIKH45GSZ AIKH15WG AIACCHSG3</b>	

**Mounting Options:**





**AIKH55Q w/ "SF" External Mount Slipfitter (SF)**

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

**EPA (Effective Projected Area)**

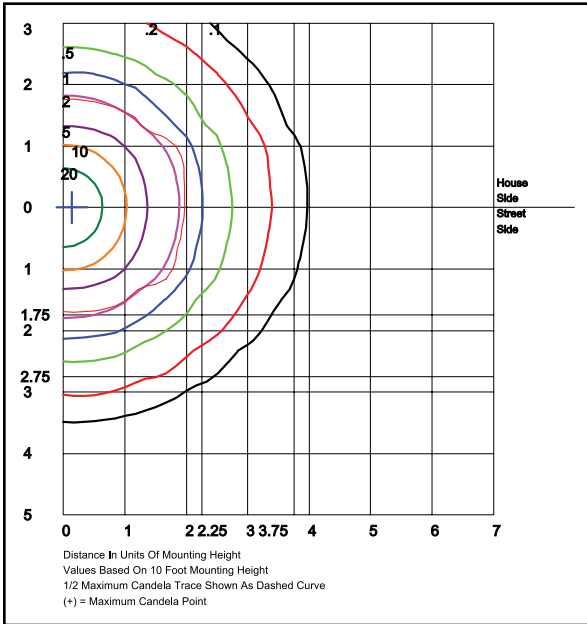
**Shown with Slipfitter mounting.**

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 1	1.20	74 Lbs

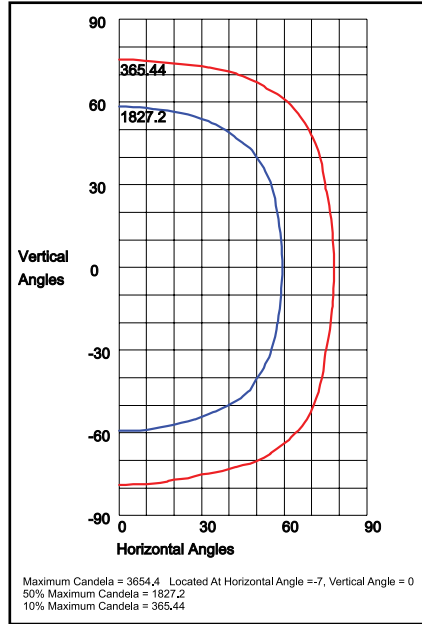
Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 2@180° Mount	2.40	148 Lbs

**Note: Values for horizontal mounting.**

**Photometric Data**

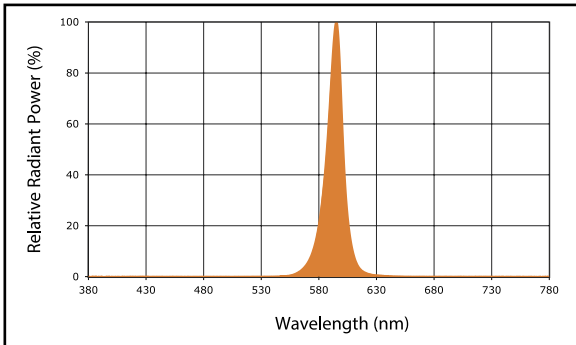


**AIKH55QF2X167UAMC-**  
**Type V**  
Grid in MH  
MH=10 Feet



**AIKH55QF2X167UAMC**  
**115H x 110V, NEMA 7H x 7V**

**Spectral Chart**



**Photometric Performance**

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs				
				Lumens	LPW	B	U	G
Amber LED 334w	525	354	F Type V	11,433	32	3	3	1

LED Board Watts	Drive Current (mA)	Input Watts	Amber LEDs	
			Beam	LPW
Amber LED 334w	525	354	F 115H x 110V, NEMA 7H x 7V	32

Specifications subject to change without notice. Rev. 041221