



# KELSEY-KANE LIGHTING MANUFACTURING COMPANY

"Serving Lighting Professionals Since 1978"

## EasyLED Technology

# AL35Q

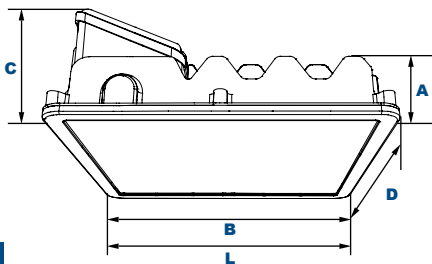
## EasyLED 16" Flood Light

L70  
25°C

419,000 Hours



Shown with Slipfitter Option.



### Dimensions

Width (B)	16½" (419mm)
Length (D)	16½" (419mm)
Height (A)	3" (76mm)
Height (C)	7" (178mm)

Length with Mount (L)

Bracket (BR): 21¾" (543mm)  
Slipfitter (SF): 22¼" (557mm)  
Yoke (LY): 21½" (547mm)

### Order Information Example:

AL35QF1X262U5KCZSFSP

Model	Beam	Wattage	Driver	CCT	Lens	Color	Mounting	Options
<b>AL35Q</b> EasyLED 16" Flood Light	A=NEMA 7H x 5V B=NEMA 7H x 7V C=NEMA 7H x 7V D=NEMA 7H x 6V F=NEMA 7H x 7V  *See Page 3 for Distribution Information.	1X174=174w 1X262=262w	U=120-277V H=347/480V	3K=3000K* 4K=4000K 5K=5000K  *Use with 174w, Type V Optic Only.	C=Clear Flat Glass Lens P=Clear Flat Prismatic Glass Lens*	Z=Bronze C=Custom (Consult Factory)	BR=Two-Piece Swivel Bracket SF=Slipfitter LY= Large Yoke NMM=No Mount	SF=Single Fuse DF=Double Fuse SP=Surge Protection 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:  
 AL35QA1X174U5KC\*  
 AL35QA1X262U5KC\*  
 AL35QB1X174U5KC\*  
 AL35QB1X262U5KC\*  
 AL35QC1X174U5KC\*  
 AL35QC1X262U5KC\*  
 AL35QD1X174U5KC\*  
 AL35QD1X262U5KC\*  
 AL35QF1X174U5KC\*  
 AL35QF1X262U5KC\*



Specifications subject to change without notice. Rev. 120717



**Mounting Options:**



**AL35Q with Two-Piece Swivel Bracket (BR)**

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

**AL35Q with External Slipfitter (SF)**


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



**AL35Q with Yoke (LY)**

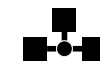

Stamped Heavy-Duty Steel Yoke, Bronze Powdercoat Finish, Includes Hardware.


**EPA (Effective Projected Area)**

**Shown with Slipfitter mounting.**

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 1	.66	29 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 2@180° Mount	1.32	58 Lbs
 2@90° Mount	.90	58 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 3@90° Mount	1.45	87 Lbs
 3@120° Mount	1.36	87 Lbs

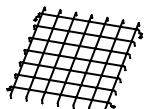
Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 4@90° Mount	1.45	116 Lbs

Note: Values for horizontal mounting.

**Accessories & Replacement Parts:**



AL35GSZ



AL35WG

**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.
AL35GSZ	Aluminum Glare Shield, Bronze Powdercoat Finish, Includes Hardware.
AL35WG	Wire Guard, Stainless Steel Construction, Includes Hardware.

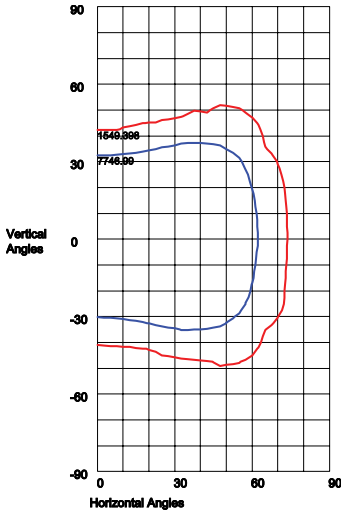
**Replacement Parts**

(Order separately, Field installed)

AL35GL	Tempered Clear Flat Glass Lens.
AL35GLP	Tempered Prismatic Flat Glass Lens.
FL73BRZ	Two-Piece Stamped Steel Adjustable Bracket, Bronze Powdercoat Finish, Includes Hardware.
FL73SFZX	External Mount Die-Cast Adjustable Slipfitter for 2 3/4" Tenons, Bronze Powdercoat Finish, Includes Hardware.
FL70LYZ	Stamped Heavy-Duty Steel Yoke, Bronze Powdercoat Finish, Includes Hardware.

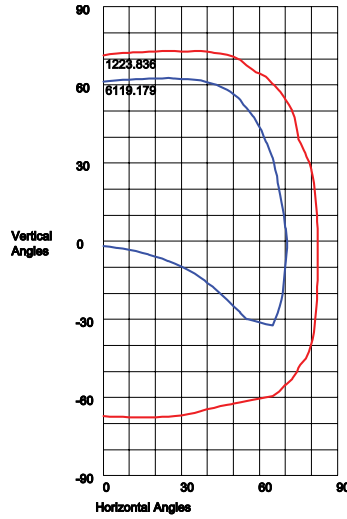


**Photometric Data**



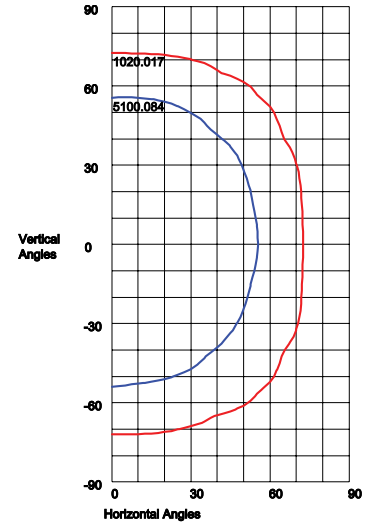
Maximum Candela = 15493.98 Located At Horizontal Angle = -42.5, Vertical Angle = 0  
 50% Maximum Candela = 7746.99  
 10% Maximum Candela = 1549.398

**AL35QA1X262U5KC**  
 130 H x 75 V, NEMA 7H x 5V



Maximum Candela = 12238.358 Located At Horizontal Angle = 9, Vertical Angle = 55  
 50% Maximum Candela = 6119.179  
 10% Maximum Candela = 1223.8358

**AL35QC1X262U5KC**  
 100 H x 70 V, NEMA 7H x 7V



Maximum Candela = 10200.168 Located At Horizontal Angle = -3, Vertical Angle = 0  
 50% Maximum Candela = 5100.084  
 10% Maximum Candela = 1020.0168

**AL35QF1X262U5KC**  
 110 H x 110 V, NEMA 7H x 7V

**Photometric Performance**

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI		4000 CCT 80 CRI	
				Lumens	LPW	Lumens	LPW
EasyLED 174w	525	187	C 110 H x 70 V, NEMA 7H x 7V	17,055	91	15,606	84
		187	F 110 H x 110 V, NEMA 7H x 7V	16,988	91	15,544	83
EasyLED 262w	525	286	A 130 H x 75 V, NEMA 7H x 5V	30,285	106	27,710	97
		286	C 100 H x 70 V, NEMA 7H x 7V	29,140	102	26,663	93
		286	F 110 H x 110 V, NEMA 7H x 7V	26,129	92	23,908	84

**Projected Lumen Maintenance**

Data shown for 5000 CCT	Input Watts	Compare to MH				
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
TM-21-11						
L70 Lumen Maintenance @ 25°C / 77°F	187	1.00	0.98	0.97	0.94	473,000
L70 Lumen Maintenance @ 25°C / 77°F	286	1.00	0.98	0.96	0.93	419,000
TM-21-11						
L70 Lumen Maintenance @ 50°C / 122°F	187	1.00	0.97	0.95	0.90	296,000
L70 Lumen Maintenance @ 50°C / 122°F	286	1.00	0.97	0.94	0.88	251,000
TM-21-11						
L80 Lumen Maintenance @ 40°C / 104°F	187	1.00	0.98	0.97	0.93	299,000
L80 Lumen Maintenance @ 40°C / 104°F	286	1.00	0.97	0.95	0.90	191,000

**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.