



KELSEY-KANE LIGHTING MANUFACTURING COMPANY

"Serving Lighting Professionals Since 1978"

AL35Q

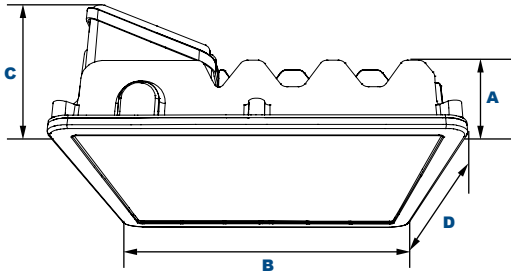
L70
25°C

419,000 Hours

EasyLED 16" Area Light



Shown with FLEM6 Accessory.



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): 22¾" (557mm)
Yoke (LY): 21½" (547mm)
Mounting Arm Adaptor (MA): 21" (534mm)

Order Information Example:

AL35QF1X262U5KCZBRSP

AL35Q	Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting	Options
AL35Q=EasyLED 16" Area Light		A=Type I B=Type II C=Type III D=Type IV F=Type V	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* *Use with Type V Optic Only.	Z=Bronze C=Custom (Consult Factory)	BR=Two-Piece Swivel Bracket SF=Slipfitter LY=Large Yoke MA=Mounting Arm Adaptor NM=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

EasyLED Technology

AL35Q luminaire is available in two wattages with a wide choice of mounting configurations and optical distributions designed to replace HID lighting systems from 150w to 1000w MH or HPS. Typical area lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 16 to 35 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Heavy-Duty Die Cast Aluminum Housing & Front Frame, Integral Heat Sinking, Driver Compartment. Photocell Adaptable. Includes Receptacle and Shorting Cap.

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 or Tempered Clear Flat Prismatic Glass Lens.

Mounting Options:

Mount with Two-Piece Swivel Bracket, Adjustable Slipfitter, Yoke or Mounting Arm Adaptor.

EasyLED LED:

Aluminum Boards

Wattage:

174w: Array: 175.2w, System Input: 187w
(250-400w HID Equivalent)
262w: Array: 262w, System Input: 286w
(400-1000w HID Equivalent)

Driver:

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

Warranty:

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

LM-79 Report Available on Select Models.

See Page 3 for Projected Lumen Maintenance Table.



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 3/8" Tenons, Bronze Powdercoat Finish, Includes Hardware.



AL35Q with Yoke (Y)

Stamped Heavy-Duty Steel, Bronze Powdercoat Finish.






AL35Q with Pole Mounting Arm Adaptor (MA)



Fits 2 3/8" Arm, Includes Hardware, Bronze Powdercoat Finish.


EPA (Effective Projected Area)

Shown with FLEM6 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

Accessories & Replacement Parts:



PTASUNVZ FLEMWMZ



PTSB1SZ PTSB290SZ



PTSB2180SZ PTSB390SZ*



PTSB3120SZ* PTSB490SZ*



FLEM6Z FLEM10Z



FLEM12Z

Mounting Accessories (Order separately, Field installed)

PTASUNVZ	Square Pole Tenon Adaptor Allows Installation of Up to 4 Fixtures, Fits 2 3/8" Vertical Tenon, Bronze Powdercoat Finish. Use with Extruded Mounting Arms.
FLEMWMZ	Stamped Heavy-Duty Steel Wall Bracket for Extruded Mounting Arms, Bronze Powdercoat Finish.
PTSB1SZ	Single Pole Tenon Spoke Bracket, 2 3/8" Horizontal Mounting Arm, Bronze Powdercoat Finish, Includes Hardware.
PTSB290SZ	Twin Pole Tenon Spoke Bracket, 2 3/8" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB2180SZ	Twin Pole Tenon Spoke Bracket, 2 3/8" Horizontal 180° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB390SZ*	Triple Pole Tenon Spoke Bracket, 2 3/8" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB3120SZ*	Triple Pole Tenon Spoke Bracket, 2 3/8" Horizontal 120° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB490SZ*	Quad Pole Tenon Spoke Bracket, 2 3/8" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.

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 House Side Shield, Bronze Powdercoat Finish, 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.
FL70LYZ	Stamped Heavy-Duty Steel Yoke, Bronze Powdercoat Finish, Includes Hardware.
FL73SFZX	External Mount Die-Cast Adjustable Slipfitter for 2 3/8" Tenons, Bronze Powdercoat Finish, Includes Hardware.
ALMAAZ	Die-Cast Adaptor for 2 3/8" Horizontal Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.

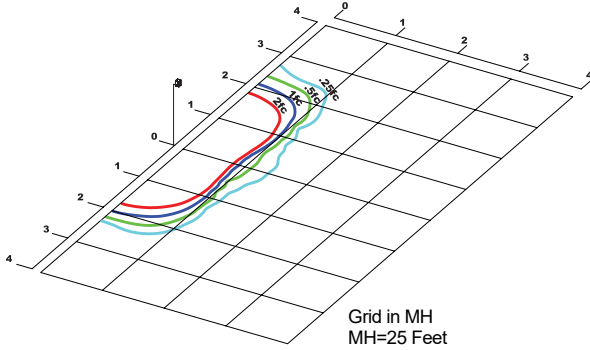
FLEM6Z	6" Extruded Aluminum Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. Fits Square Poles. Mounts at 3° tilt.
FLEM10Z	10" Extruded Aluminum Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. Fits Square Poles. Mounts at 3° tilt.
FLEM12Z	12" Extruded Aluminum Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. Fits Square Poles. Mounts at 3° tilt.

∅Add R for Round Pole Mounting, Fits 4" Diameter Poles.

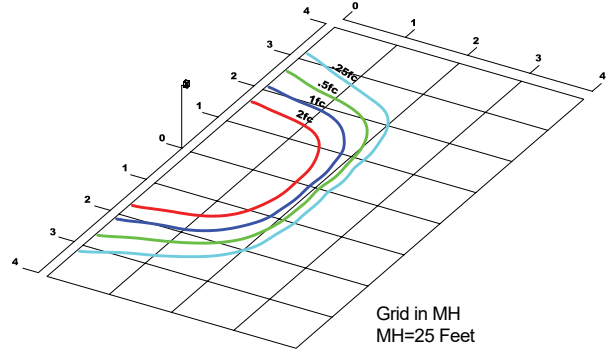
*Special Order Item. Lead Time Three Weeks.



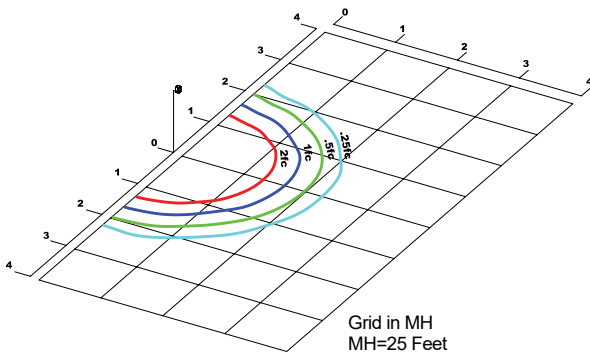
Photometric Data



AL35QA1X262U5KC
Type I



AL35QC1X262U5KC
Type III



AL35QF1X262U5KC
Type V

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 174w	525	187	Type III	17,073	91	3 1 3	15,622	84	3 1 3
		187	Type V	16,964	91	4 1 1	15,522	83	3 1 1
EasyLED 262w	525	286	Type I	30,544	107	4 3 3	27,948	98	4 3 3
		286	Type III	29,499	103	3 3 3	26,992	94	3 3 3
		286	Type V	26,264	92	4 3 1	24,031	84	4 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	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	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
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	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
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.