

# ASL35

L70  
25°C

**419,000 Hours**

## LED 16" Area, Wall, and Flood Light



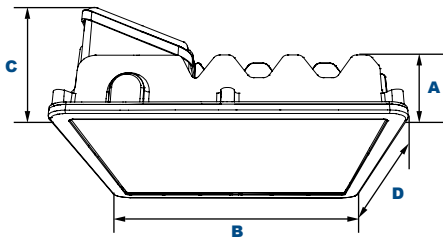
Shown with FLEM6 Accessory.



Shown with Wall Mount Option.



Shown with Slipfitter Option.



Dimensions		Length with Mount (L)
<b>Width (B)</b>	16½" (419mm)	<b>Bracket (BR):</b> 21¾" (543mm)
<b>Length (D)</b>	16½" (419mm)	<b>Slipfitter (SF):</b> 22¾" (557mm)
<b>Height (A)</b>	3" (76mm)	<b>Yoke (LY):</b> 21½" (547mm)
<b>Height (C)</b>	7" (178mm)	<b>Mounting Arm Adaptor (MA):</b> 21" (534mm)
		<b>Wall Mount Bracket (WM):</b> 17½" (447mm)

**Project Information:**

Project Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

Complete Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

## NEW EXPANDED Wattages OPTIMIZED OPTICS

The Jemm ASL35 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 applications include general area, parking, flood, security, and accent lighting for 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.

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

**EasyLED LED:**  
Aluminum Boards

**Wattage:**  
Multiple Wattages Available: 136w, 174w, 225w, 262w

**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 QSSI 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.

See Page 5 for Projected Lumen Maintenance Table.

**Certification & Listings:**

DesignLights Consortium™  
Qualified Luminaires:

- AL35QA1X[174 262][U H]5KC\*
- AL35QB1X[174 262][U H]5KC\*
- AL35QC1X[174 262][U H]5KC\*
- AL35QD1X[174 262][U H]5KC\*
- AL35QF1X[174 262][U H]5KC\*

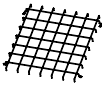












Specifications subject to change without notice. Rev. 021723

**Order Information Example:** ASL35F262U5KCZBRSP

Model	Optics/Beam	Wattage	Driver	CCT	Lens	Color	Mounting	Options
ASL35=EasyLED 16" Area, Flood and Wall Light	<b>A</b> =Type I/ NEMA 7H x 5V <b>B</b> =Type II/NEMA 7H x 7V <b>C</b> =Type III/NEMA 7H x 7V <b>D</b> =Type IV/NEMA 7H x 6V <b>F</b> =Type V/NEMA 7H x 7V <b>I</b> =Narrow Beam/NEMA 4H x 4V*  *4K Models Only  See Page 4 & 5 for Distribution Information.	<b>OPTIMIZED</b> <b>1X136</b> =136w*  <b>1X174</b> =174w  <b>OPTIMIZED</b> <b>1X225</b> =225w*  <b>1X262</b> =262w  *4K Type III and Type V Models Only	<b>U</b> =120-277V <b>H</b> =347-480V	<b>3K</b> =3000K* <b>4K</b> =4000K <b>5K</b> =5000K  *Type V Optic Only.	<b>C</b> =Clear Flat Glass Lens	<b>Z</b> =Bronze <b>C</b> =Custom (Consult Factory)	<b>BR</b> =Two-Piece Swivel Bracket ① <b>SF</b> =Slipfitter ① <b>LY</b> = Large Yoke <b>MA</b> =Mounting Arm Adaptor <b>WM</b> =Wall Mount Bracket <b>NM</b> =No Mount	<b>SF</b> =Single Fuse* <b>DF</b> =Double Fuse* <b>SP</b> =Surge Protection <b>R3</b> =3-Pin Twist Lock Photocell Receptacle ① <b>R5</b> =5-Pin Twist Lock Photocell Receptacle ① <b>R7</b> =7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle ①  *120-277V Models Only

Notes  
 ① Maximum tilt angle of 45° above horizontal with R3, R5, or R7 photocell receptacle options

**Accessories & Replacement Parts:**

Mounting Accessories (Order Separately, Field Installed)	Accessories (Order Separately, Field Installed)	Replacement Parts (Order Separately, Field Installed)
PTASUNVZ Square Pole Tenon Adaptor Allows Installation of Up to 4 Fixtures, Fits 2 3/4" Vertical Tenon, Bronze Powdercoat Finish. Use with Extruded Mounting Arms.	P18131 Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.	ASL35GL Tempered Clear Flat Glass Lens.
FLEMWMZ Stamped Heavy-Duty Steel Wall Bracket for Extruded Mounting Arms, Bronze Powdercoat Finish.	P18132 Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.	FL73BRZ Two-Piece Stamped Steel Adjustable Bracket, Bronze Powdercoat Finish, Includes Hardware.
PTSB1SZ Single Pole Tenon Spoke Bracket, 2 3/4" Horizontal Mounting Arm, Bronze Powdercoat Finish, Includes Hardware.	P18140 110-120VAC Instant Twist Lock Photocell	ASL35YZ Stamped Heavy-Duty Steel Yoke, Bronze Powdercoat Finish, Includes Hardware.
PTSB290SZ Twin Pole Tenon Spoke Bracket, 2 3/4" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.	P18152 277VAC Time Delay Twist Lock Photocell	FL73SFZX External Mount Die-Cast Adjustable Slipfitter for 2 3/4" Tenons, Bronze Powdercoat Finish, Includes Hardware.
PTSB2180SZ Twin Pole Tenon Spoke Bracket, 2 3/4" Horizontal 180° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.	P18156 120-277VAC Universal Twist Lock Photocell	ALMAAZ Die-Cast Adaptor for 2 3/4" Horizontal 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.	P18157 480VAC Time Delay Twist Lock Photocell. For 480V use only.	WBR2Z Wall Bracket, Heavy-Duty Stamped Steel, Bronze Powdercoat Finish, Includes Hardware.
PTSB3120SZ* Triple Pole Tenon Spoke Bracket, 2 3/4" Horizontal 120° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.	ASL35GSZ Aluminum Glare/House Side Shield, Bronze Powdercoat Finish, Includes Hardware.	
PTSB490SZ* Quad Pole Tenon Spoke Bracket, 2 3/4" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.	ASL35WG Wire Guard, Stainless Steel Construction, 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.	<b>ASL35WG</b> <b>ASL35GSZ</b>	
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" & 5" Diameter Poles.		
*Non-stock item. Consult factory for lead time.		
   		
<b>PTASUNVZ</b> <b>FLEMWMZ</b> <b>FLEM6Z</b> <b>FLEM10Z</b>		
   		
<b>FLEM12Z</b> <b>PTSB1SZ</b> <b>PTSB290SZ</b> <b>PTSB2180SZ</b>		
  		
<b>PTSB390SZ*</b> <b>PTSB3120SZ*</b> <b>PTSB490SZ*</b>		

### Mounting Options:



**ASL35 with Two-Piece Swivel Bracket (BR)**

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



**ASL35 with External Slipfitter (SF)**

External Mount Die-Cast Adjustable Slipfitter for 2 1/4" Tenons, Bronze Powdercoat Finish, Includes Hardware.



**ASL35 with Yoke (Y)**

Stamped Heavy-Duty Steel, Bronze Powdercoat Finish.



**ASL35 with Pole Mounting Arm Adaptor (MA)**

Fits 2 1/4" Arm, Includes Hardware, Bronze Powdercoat Finish.



**ASL35 with Wall Mount Bracket (WM)**


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


**Notes**


① Maximum tilt angle of 45° above horizontal with R3, R5, or R7 photocell receptacle options


### 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

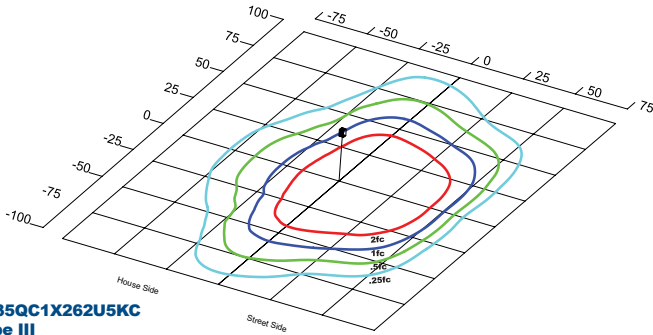
 2@90° Mount	.90	58 Lbs
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Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 3@90° Mount	1.45	87 Lbs

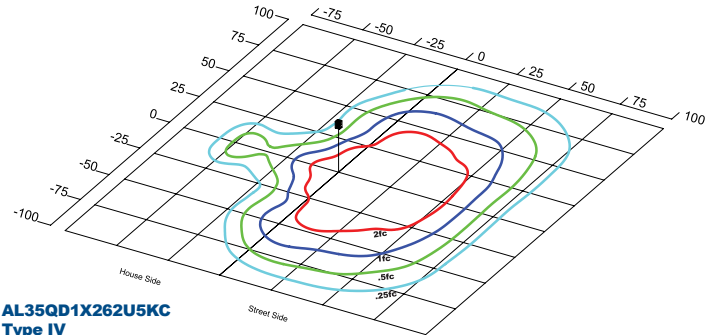
 3@120° Mount	1.36	87 Lbs
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Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 4@90° Mount	1.45	116 Lbs

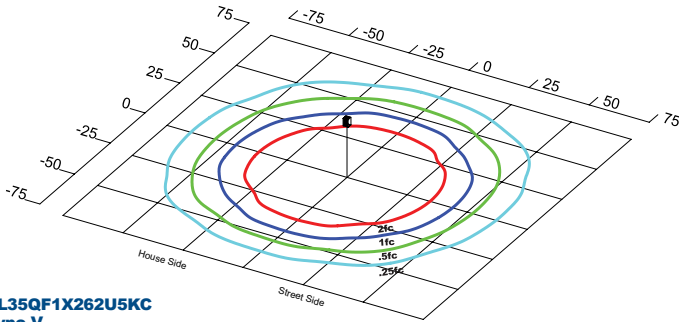
### Photometric Data



**AL35QC1X262U5KC**  
Type III  
Grid in MH  
MH=25 Feet



**AL35QD1X262U5KC**  
Type IV  
Grid in MH  
MH=25 Feet

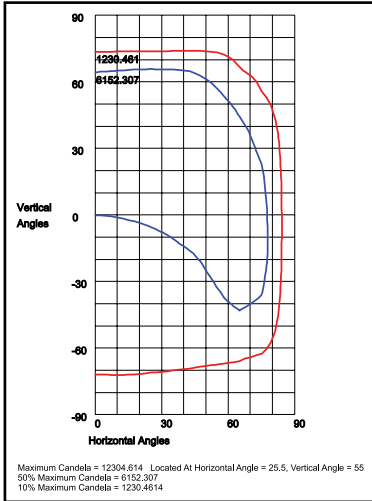


**AL35QF1X262U5KC**  
Type V  
Grid in MH  
MH=25 Feet

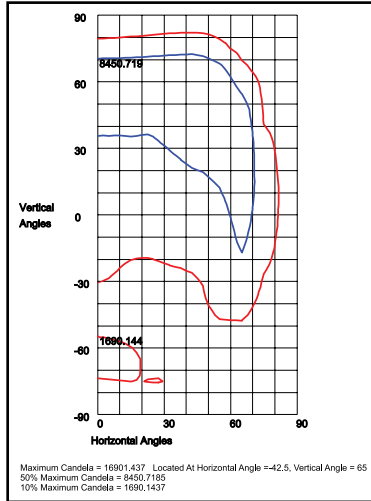
### Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI					3000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 174w	525	187	A Type I	22,575	121	4	0	3	21,051	113	4	0	3	-	-	-	-	-
			B Type II	21,737	116	3	0	3	20,270	108	3	0	3	-	-	-	-	-
			C Type III	21,524	115	3	0	3	20,071	107	3	0	3	-	-	-	-	-
			D Type IV	18,917	101	3	0	4	17,640	94	3	0	3	-	-	-	-	-
			F Type V	22,913	123	4	0	2	21,367	114	4	0	2	20,622	110	4	0	2
EasyLED 262w	525	286	A Type I	33,992	119	5	0	3	31,698	111	5	0	3	-	-	-	-	-
			B Type II	32,730	114	3	0	3	30,521	107	3	0	3	-	-	-	-	-
			C Type III	32,408	113	4	0	4	30,221	106	4	0	4	-	-	-	-	-
			D Type IV	28,483	100	3	0	4	26,561	93	3	0	4	-	-	-	-	-
			F Type V	34,500	121	5	0	2	32,172	112	5	0	2	31,052	109	5	0	2
			I Narrow Beam	-	-	-	-	-	30,060	105	5	3	1	-	-	-	-	-

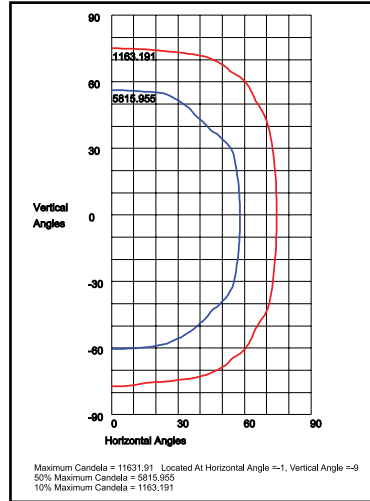
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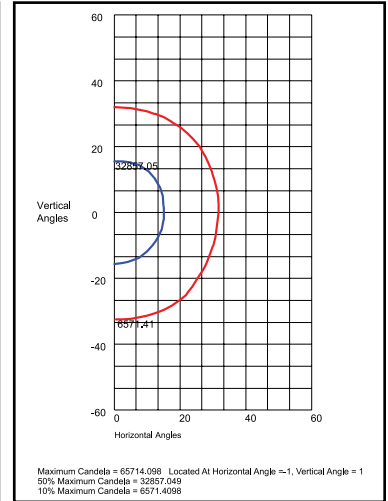
**AL35QC1X262U5KC**  
115°H x 70°V, NEMA 7H x 7V



**AL35QD1X262U5KC**  
120°H x 50°V, NEMA 7H x 6V



**AL35QF1X262U5KC**  
120°H x 120°V, NEMA 7H x 7V



**AL35QI1X262U4KC**  
30°H x 30°V, NEMA 4H x 4V

### Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI		4000 CCT 80 CRI		3000 CCT 80 CRI	
				Lumens	LPW	Lumens	LPW	Lumens	LPW
EasyLED 174w	525	187	A 130°H x 75°V, NEMA 7H x 5V	22,515	120	20,995	112	-	-
			B 115°H x 40°V, NEMA 7H x 6V	21,725	116	20,259	108	-	-
			C 115°H x 70°V, NEMA 7H x 7V	21,436	115	19,989	107	-	-
			D 120°H x 50°V, NEMA 7H x 6V	18,588	99	17,334	93	-	-
			F 120°H x 120°V, NEMA 7H x 7V	22,852	122	21,309	114	20,567	110
EasyLED 262w	525	286	A 130°H x 75°V, NEMA 7H x 5V	33,901	119	31,613	111	-	-
			B 115°H x 40°V, NEMA 7H x 6V	32,712	114	30,505	107	-	-
			C 115°H x 70°V, NEMA 7H x 7V	32,277	113	30,099	105	-	-
			D 120°H x 50°V, NEMA 7H x 6V	27,989	98	26,100	91	-	-
			F 120°H x 120°V, NEMA 7H x 7V	34,408	120	32,086	112	30,969	108
			I 30°H x 30°V, NEMA 4H x 4V	-	-	29,630	104	-	-

### 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	All wattages up to and including 286w	1.00	0.98	0.96	0.93	419,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.97	0.94	0.88	251,000
L80 Lumen Maintenance @ 40°C / 104°F		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 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.