



AREA LIGHT | JOVE SERIES



JOVE

WATTAGE

4WS (Wattage-Selectable)

- 80-100-120-150W (ALJ-2X models)
- 180-200-220-240W (ALJ-4X models)

VOLTAGE

120-347V

CCT

- 3000K
- 4000K
- 5000K

DIMMABLE

0-10V

AUXILIARY WIRE

12V DC Line

EFFICACY

up to 151lm/W

CRI

>80

OPERATING TEMPERATURE

-40°C to 45°C

LUMEN MAINTENANCE

- Theoretical L70 > 176,000hrs
- Lumen Maintenance at 36,000hrs = 93.20%

POWER FACTOR

>0.9

TOTAL HARMONIC DISTORTION

<20%

SURGE PROTECTION

Inherent Surge Protection

- L-N 6kV
 - LN-GND 10kV
- Additional Surge Protection
- 10kV



PROJECT _____

QTY _____

TYPE _____

DATE _____

CATEGORY # _____

EELIGHTING REP _____

The JOVE (ALJ) series is a wattage-selectable, IP66 and IK10 rated workhorse of an area light for 120-347V applications. Need a Dark Sky compliant solution? The 3000K models in the series are also IDA-certified.

With a bronze powder-coated finish on a die cast aluminum housing, the corrosion-resistant JOVE series also has a clear UV-resistant polycarbonate lens. It is rated for operation in temperatures from -40°C to 45°C with a anti-siphoning valve to prevent condensation formation and heat sink fins designed to optimize thermal management.

From storage yards, parking lots and outdoor recreational areas, the JOVE series is the versatile wattage-selectable solution with mounting methods to suit every application.



Visit the product page online to view the Product Gallery and Applications Gallery



FINISH

- bronze powder-coated
- anti-corrosive

WARRANTY

- 5-Year Warranty (Standard)
- 10-Year Limited Warranty (Optional)

CONSTRUCTION

- die-cast aluminium housing
- heat sink fins (for thermal dissipation)
- clear UV-resistant PC lens
- anti-siphoning valve
- 3ft, 600V, 5-conductor power cable

CERTIFICATION & COMPLIANCE

- UL
- DLC 5.1 Premium
- IP66
- IK10 (Impact Protection)
- 3.0G Vibration Load Rating (ANSI C136.31)
- IDA (Dark Sky)*

*Only 3000K luminaires installed with tilt angles $\leq 15^\circ$ carry the IDA Fixture Seal of Approval.

The basic standard used to investigate products that are UL 1598 ("Luminaires") certified, also conforms to CSA-C22.2 No. 250.0 ("Luminaires").

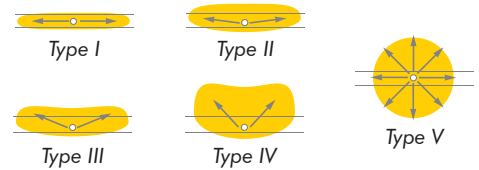




BEAM ANGLE (IESNA DISTRIBUTION)

- Type II*
- Type III (Standard)
- Type IV*
- Type V*

*This optional lens cannot be sold separately. Installation must be undertaken by EELighting.



MOUNTING Sold Separately

- slipfitter
 - 2.50" inner diameter
- trunnion mount
- extruded arm
 - square pole: 2.70" minimum width
 - round pole: 2.36" or 4" diameter
- adjustable extruded arm
 - square pole: 2.70" minimum width
 - round pole: 4" or 5.39" diameter

EFFECTIVE PROJECTED AREA (EPA)

ALJ-2X Models

- 0° Tilt - 0.23ft²
- 10° Tilt - 0.34ft²
- 30° Tilt - 1.00ft²
- 60° Tilt - 1.69ft²
- 90° Tilt - 1.92ft²

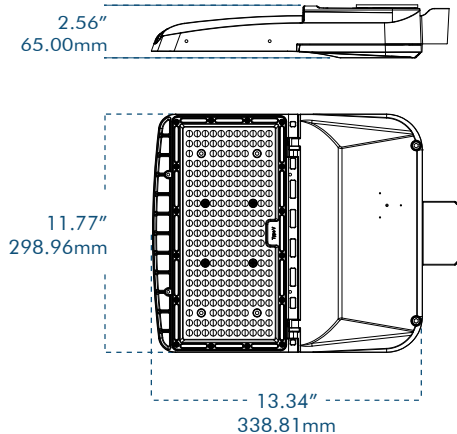
ALJ-4X Models

- 0° Tilt - 0.24ft²
- 10° Tilt - 1.02ft²
- 30° Tilt - 2.02ft²
- 60° Tilt - 2.26ft²
- 90° Tilt - 2.39ft²

DIMENSIONS

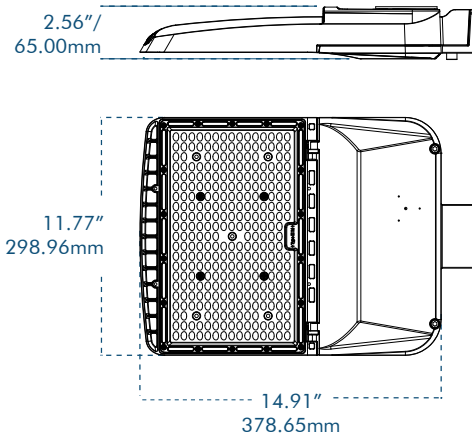
ALJ-2X Models

- 80-100-120-150W



ALJ-4X Models

- 180-200-220-240W





ORDERING GUIDE

Example Model# (MPN Prefix): **ALJ-236-III**

Make it Easy: Use our online configurator

SERIES	WATTAGE	CCT	VOLTAGE	IESNA DISTRIBUTION
ALJ	2 80-100-120-150W 4 180-200-220-240W <i>Models in this series are 4WS Wattage-Selectable between 4 outputs.</i> <i>The default setting for all models is the highest output.</i>	3 3000K 4 4000K 5 5000K	6 120-347V	II Type II* III Type III IV Type IV* V Type V* <i>*Optional distribution types available, installation must be undertaken by EELighting. Refer to Accessories & Controls for details</i>

PERFORMANCE DATA

Model #	Delivered Lumens (lm)	Input Watts (W)	Voltage (V)	CCT (K)	Efficacy (lm/W)	Lens Type	BUG Rating
ALJ-236-III	11827	80	120-347	3000	137	III	B3-U0-G3
	13450	100			139		B3-U0-G3
	15177	120			130		B4-U0-G4
	19558	150			132		B4-U0-G4
ALJ-246-III	12814	80	120-347	4000	147	III	B3-U0-G3
	14188	100			147		B3-U0-G3
	16679	120			142		B4-U0-G4
	19945	150			134		B4-U0-G4
ALJ-256-III	13024	80	120-347	5000	149	III	B3-U0-G3
	14761	100			151		B3-U0-G3
	16456	120			141		B4-U0-G4
	20332	150			137		B4-U0-G4
ALJ-436-III	23102	180	120-347	3000	129	III	B4-U0-G4
	24423	200			122		B4-U0-G4
	26527	220			121		B4-U0-G4
	28784	240			120		B4-U0-G4
ALJ-446-III	24356	180	120-347	4000	134	III	B4-U0-G4
	25865	200			128		B4-U0-G4
	29689	220			133		B4-U0-G4
	31004	240			128		B4-U0-G4
ALJ-456-III	22690	180	120-347	5000	129	III	B4-U0-G3
	24838	200			125		B4-U0-G3
	26663	220			123		B4-U0-G3
	32533	240			135		B4-U0-G3

• Delivered lumens are estimated and may vary based on lens option.



ACCESSORIES & CONTROLS Sold Separately

- To maintain the IP integrity of the luminaires, lenses cannot be sold separately. Installation must be undertaken by EELighting.
- Photocells must be paired with the use of 7-Pin Receptacles

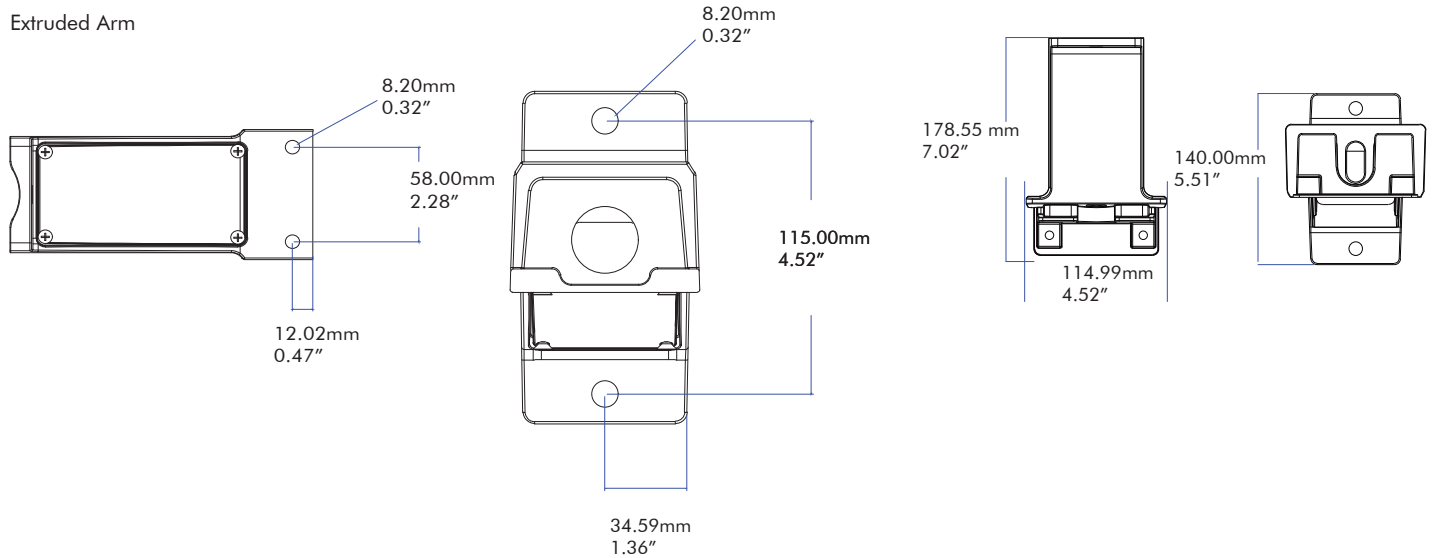
Model #	Description	Compatibility
ALJ-U-A2207-EXTRUDEDARM	Extruded Arm for round and square pole mount for Jove Series	Round pole with 2.36" or 4" diameter and square pole with 2.7" width (minimum)
ALJ-U-A2307-ADJEXTRUDEDARM	Adjustable Extruded Arm for round and square pole mount for Jove Series	Round pole with 4" or 5.39" diameter and square pole with 2.7" width (minimum)
ALJ-U-A2206-SLIPFITTER	Slipfitter for Jove Series	Slipfitter (A2206) for ALJ
ALJ-U-A2209-TRUNNION	Trunnion for Jove Series	Trunnion (A2209) for ALJ
ALJ-2X-A2221-VISOR	Visor for Jove Series Fixtures	Visor for ALJ-2X (150W)
ALJ-4X-A2241-VISOR		Visor for ALJ-4X (240W)
ALJ-2X-A2222-LENS-II	Type II Lens for Jove Series Fixtures	Type II Lens for ALJ-2X (150W)
ALJ-4X-A2242-LENS-II		Type II Lens for ALJ-4X (240W)
ALJ-2X-A2223-LENS-III	Type III Lens for Jove Series Fixtures	Type III Lens for ALJ-2X (150W)
ALJ-4X-A2243-LENS-III		Type III Lens for ALJ-4X (240W)
ALJ-2X-A2224-LENS-IV	Type IV Lens for Jove Series Fixtures	Type IV Lens for ALJ-2X (150W)
ALJ-4X-A2244-LENS-IV		Type IV Lens for ALJ-4X (240W)
ALJ-2X-A2225-LENS-V	Type V Lens for Jove Series Fixtures	Type V Lens for ALJ-2X (150W)
ALJ-4X-A2245-LENS-V		Type V Lens for ALJ-4X (240W)
ALJ-U-A2280-7PIN + EEL-AL-DSSENSOR120277V	7-Pin Receptacle + Photocell for Jove Series	7-Pin Receptacle + 120-277V Photocell for ALJ
ALJ-U-A2280-7PIN + EEL-AL-DSSENSOR347V		7-Pin Receptacle + 347V Photocell for ALJ



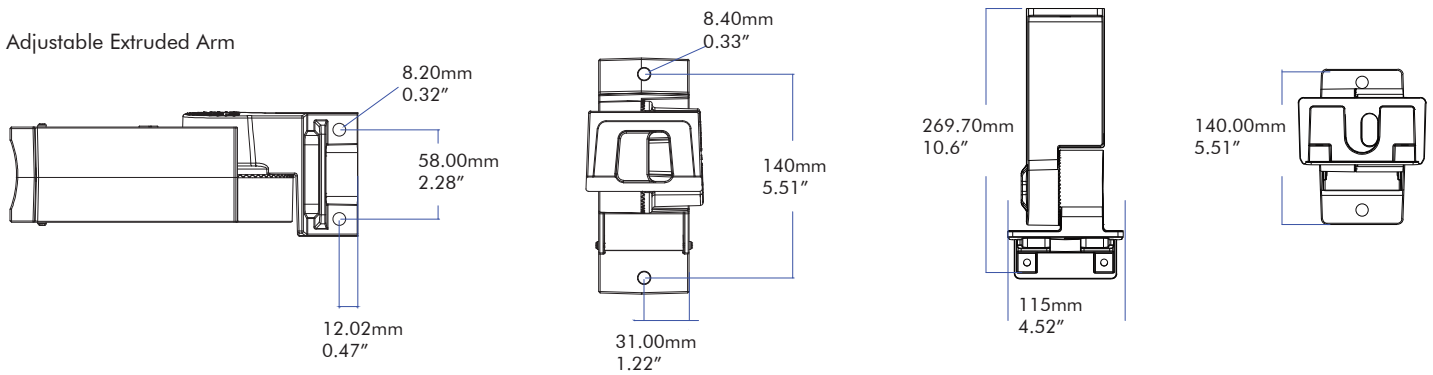
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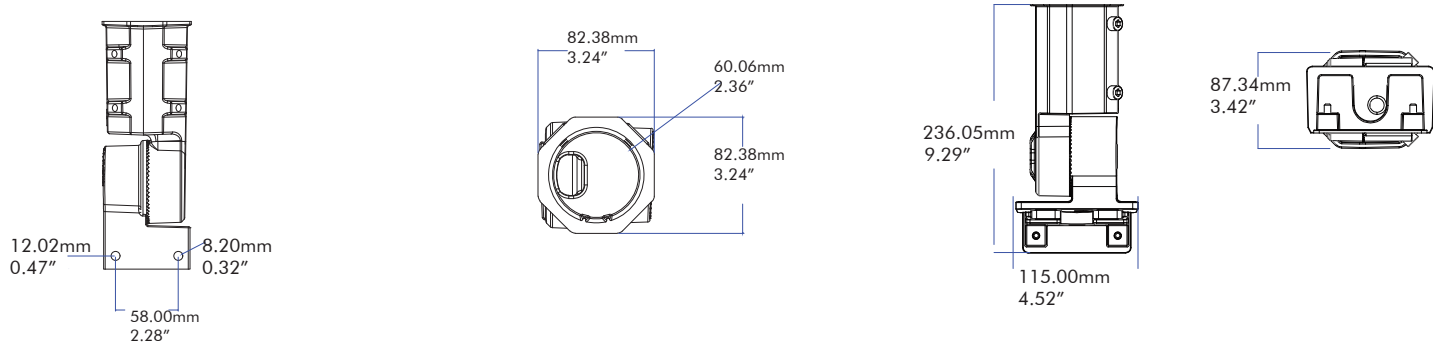
Extruded Arm



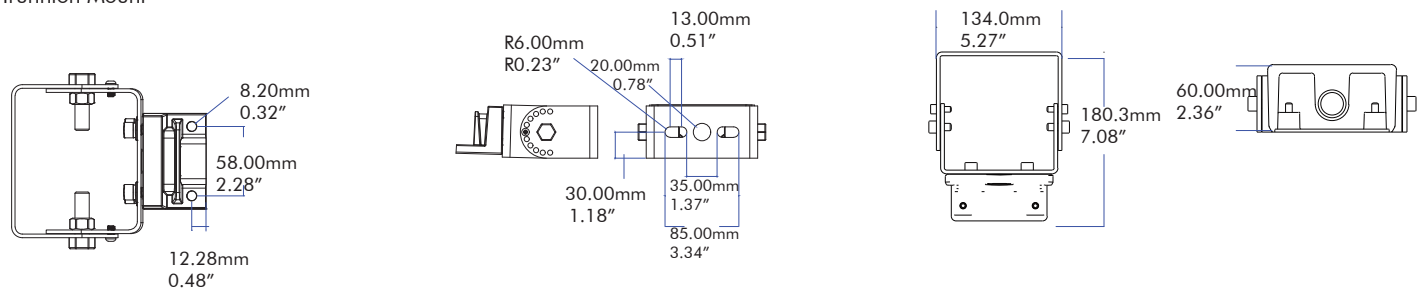
Adjustable Extruded Arm



Slip Fitter Mount



Trunnion Mount



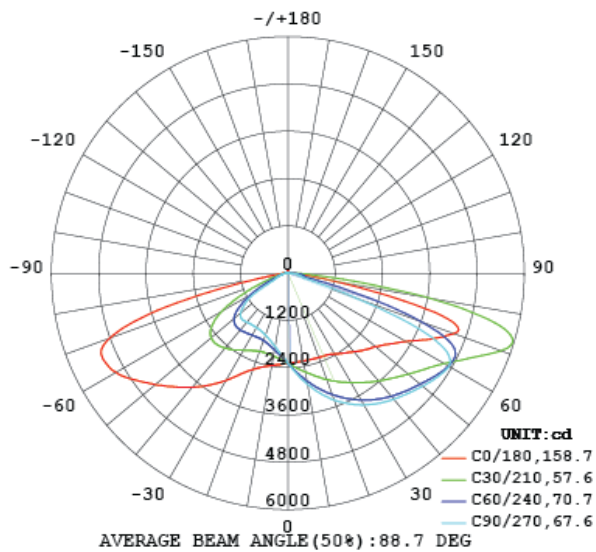


PHOTOMETRICS

- The Intensity Distribution Diagram in the C Plane and Intensity Cone Surface Distribution Diagram are shown below for the ALJ-236-III and ALJ-436-III. The diagrams for these models also apply for other models (colour temperatures) in the ALJ-2X-III and ALJ-4X-III sub-families.

*For full photometrics, see the IES files in the resource section for specific model(s) on the series product page.

INTENSITY DISTRIBUTION DIAGRAM IN C PLANE



MAX INTENSITY CONE SURFACE DISTRIBUTION DIAGRAM

