

Project	
Notes	
Type	Date
Cat. No.	

ALS™ Series

LED Area Luminaire



DESCRIPTION

The Aleo ALS™ Series combines energy-efficiency, advanced optical control, and modern slim profile aesthetics to deliver enhanced performance to area lighting applications. Rugged die-cast housing provides advanced thermal management for long life and weather-proof compartment to withstand challenging, outdoor environments.

APPLICATIONS

Parking lots, walkways, auto dealerships, outdoor retail shopping centers, recreational spaces, campuses.

Specification Features



ALS Series

70W, 100W,
150W

Construction

Rugged, die-cast housing with advanced thermal management system ensures reliability and durability. Weather-proof, gasketed driver compartment protects electronics against environmental elements.

Electrical

Luminaire utilizes high-efficacy LED packages maintained at cool temperatures for long life, high efficacy. Reliable driver features universal voltage (120-277V) for convenient installation.

Optical System

Precision-formed optical lens system reduces glare and improves safety and security by delivering high-efficiency illumination with precise optical distribution. Type III distribution comes standard. Type V available.

Installation / Mounting

Luminaire comes standard with straight-arm mounting accessory. Versatile platform includes different mounting options, including: u-bracket trunion, slip-fitter, wall-mount

Certification

UL Listed. All components have UL certification.

Controls / Dimming

Suitable for use with sensors and daylight harvesting to achieve deeper energy-savings and code compliance. Sensor accessory available: occupancy sensing with daylight cut-off and photocell.

Warranty

5-year Limited Warranty. See warranty documentation for more information.



Quick Ship

ALS-70/50K-D
ALS-100/50K-D
ALS-150/50K-D

Ordering Information

Example: ALS-150/50K-D-ASA

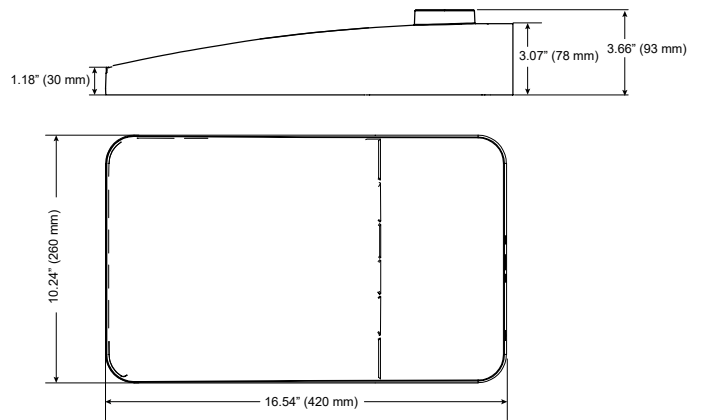
ALS	150	50K	[Blank]	D	ASA
Series	Nominal Wattage	Color Temp	Input Voltage	Diming / Controls	Mounting*
ALS Slim LED Area Luminaire	70 70W 100 100W 150 150W	50K 5000K	Blank 120V-277V 480 480V	D 0-10V Dimming Driver OS Occupancy Sensor OSDL Occ. Sensor w/ Daylight PC Photocell	-ASA Straight Arm (6") -ASF Adjustable Slip-fitter -AUB Adjustable Trunion U-bracket
		[Blank]	[Blank]	[Blank]	**See page 3 for Mounting Information
		Distribution Type		Finish Color	
		Blank Type III T5 Type V		Blank Dark Bronze -WH White	-BLK Black -SLV Silver
					* Contact Factory for additional finish colors

Specifications and Dimensions subject to change without notice.

Performance Summary

Input Voltage	120V-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	> 135 LPW (typ.)
CRI	70+, R9 > 0
Available CCT ¹	5000K
Rated Life	50,000 hours
Power Factor	> 0.9
THD	< 20%
Controls	Multi-level controls available
IP Rating	IP66
Operating Temp.	-20°C to 40°C

Product Dimensions



Performance Data

Catalog No.	Rated Wattage (W)	5000K	
		Delivered Lumens (lm)	Efficacy (lm/W)
ALS-70/50K-D	66	9,336	142
ALS-100/50K-D	98	13,843	141
ALS-150/50K-D	150	21,093	140

DLC QPL Data

QPL Model No.	Product ID	Technical Req.	Classification	Primary Use
ALS-70/50K-D	PFBMNP3M	4.2	Standard	Outdoor Pole/Arm-Mounted Area and Roadway
ALS-100/50K-D	P8TRXGPM	4.2	Standard	Outdoor Pole/Arm-Mounted Area and Roadway
ALS-150/50K-D	P71G5Z5T	4.2	Standard	Outdoor Pole/Arm-Mounted Area and Roadway



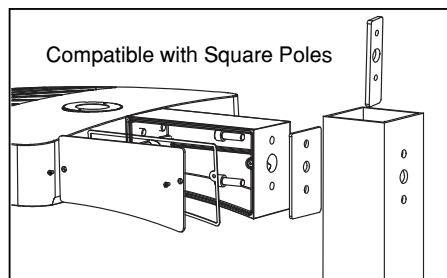
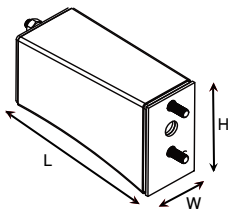
NOTES:

¹ Quick ship: 5000K. Other CCTs may require a lead time or be special order

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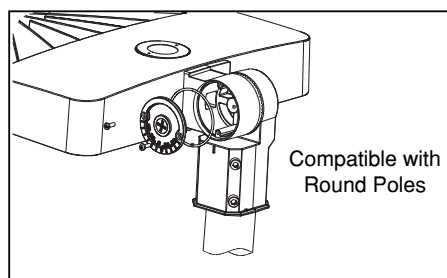
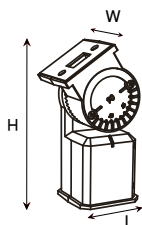
Mounting Information

Straight Arm Mount



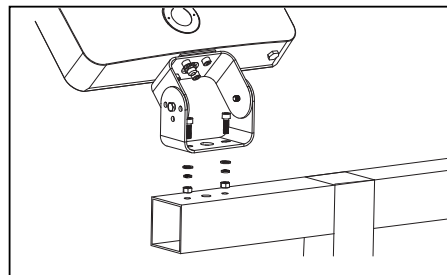
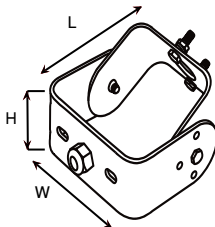
Catalog No.	L	W	H
ASA	6.6" (167.7mm)	3" (75mm)	4" (100M)

Slip Fitter

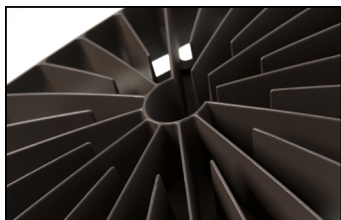


Catalog No.	L	W	H
ASF	3.2" (82mm)	3.1" (79mm)	7" (180M)

U-Bracket Trunion



Catalog No.	L	W	H
AUB	5.7" (145mm)	6" (150.5mm)	2.6" (65mm)



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