



PROJECT NAME

CATALOG NO.

TYPE

DATE

NOTE

## LED Slim High Performance Area Luminaire

## ALS Series

Area Luminaires

### DESCRIPTION

The ALS Series LED Area Luminaire is a high-performance, IP65-rated luminaire that produces a minimum of 150 lumens per watt, providing significant energy savings while remaining durable in the field. The lightweight design can be easily installed for new and retrofit outdoor applications and is available in a wide range of lumen packages to replace traditional metal halide lighting from 150W to 1000W. It can also be combined with a full, architectural-grade LED sample to create a wide range of total site solutions.

### APPLICATION

The ALS Series is ideal for parking structures, auto dealerships, recreational spaces, roadways, and outdoor aisles.



### SPECIFICATION FEATURES

#### Construction

The housing is die-cast weather-tight LED driver compartment heat sink to obtain the maximum thermal dissipation. Outer surface treated with durable powder coating to provide resistance to corrosion, rust, weathering, and UV degradation. Rated IP65, suitable for wet locations. 4KV surge protection and shorting cap comes standard.

#### Mounting

ALS offers different mounting options, including adjustable slip fitter, round pole mount for 4"-5" pole, square pole mount for 4" or larger pole, and adjustable trunion U-bracket. EPA rating is 0.41 sq.ft.(w/ pole mount)

#### Controls

Suitable for use with photocell and High/Low/Off microwave fixture-integrated motion sensor to achieve deeper energy-savings and code compliance.

#### Electrical

Luminaire utilizes long life, high efficacy LEDs and reliable LED driver. Operating temperatures is -40°F-104°F and 120V-277V input voltage for increased versatility.

#### Optics

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 IV, and Type V optics available upon request.

#### Certifications / Regulatory

UL/cUL listed. All components used have UL approval. IP65 rated.

#### Warranty

7-year limited warranty. See complete warranty terms for details.

### Quick Ship Product

## ORDERING INFORMATION

**Sample Number: ALSL-120/50K**

ALS	L	120	50K	(Blank)	(Blank)	(Blank)	(Blank)
<b>Series</b> ALS- LED Slim High Performance Area Luminaire	<b>Wattage</b> L- Low Wattage H- High Wattage	<b>Lumen Package</b> 85 - 85W 120 - 120W 180 - 180W 200 - 200W 300 - 300W *See energy data for details	<b>CCT</b> 40K - 4000K 50K - 5000K	<b>Input Voltage</b> (Blank) - 120V-277V C - 120-347V H - 277-480V *See notes below	<b>Beam Angle</b> (Blank) - Type III T4 - Type IV T5 - Type V	<b>Dimming</b> (Blank) - 0-10V Continuous Dimming	<b>Finish Color</b> (Blank) - Dark Bronze WH - White BK - Black *See notes below

### Options

#### NOTES

**Input Voltage:** Custom input voltage available. Contact your Alphalite representative for added cost, quantities and lead times.

**Finish Color:** Custom finish color available. Contact your Alphalite representative for added cost, quantities and lead times.

#### Accessories

ALSL-HSS -House Side Shield For ALSL  
ALSH-HSS -House Side Shield For ALSH

#### Mounting

MASF - Adjustable Slip-fitter  
MRPM - Round Pole Mount for 4" to 5"  
MSPM - Square Pole Mount for 4 or larger  
MAUB - Adjustable Trunion U-bracket

#### Controls and Other

PC - Photocell  
SPD - 10KV Surge Protection Device:  
SPD-(10/20KV)-ZP  
MMS - Motion Sensor

**Alphalite Inc.**

11920 Altamar Pl., Santa Fe Springs, CA 90670  
Tel: 888.287.9228 | Fax: 888.258.9183 | support@alphalite.com | alphalite.com

## SUMMARY

Input Voltage	100V-277V
Input Power	See energy data for details
Power Factor	> 0.9
THD (Max.)	20%
Efficacy	> 150 LPW
Delivered Lumens	See energy data for details
Controls/ Dimming	0-10V dimming option available.
CRI	> 70
CCT	4000K, 5000K
Operating Temp.	-40°F ~ 104°F (-40°C ~ +40°C)
Rated Life	70,000 hours
IP Grade	IP65

## ENERGY PERFORMANCE DATA

Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
ALSL-85	85	13,600	160
ALSL-120	120	18,240	152
ALSL-180	180	25,020	139
ALSH-200	200	30,600	153
ALSH-300	300	44,700	149

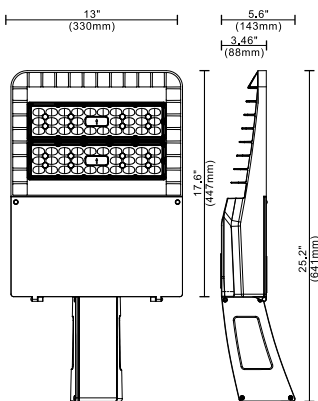
## MOUNTING INFORMATION



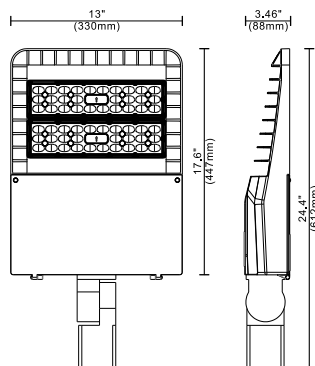
## PHYSICAL PARAMETERS

### DIMENSION

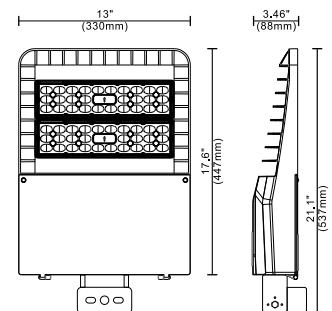
ALSL with Pole Mount



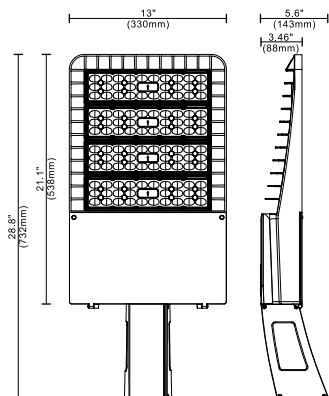
ALSL with Slip Fitter



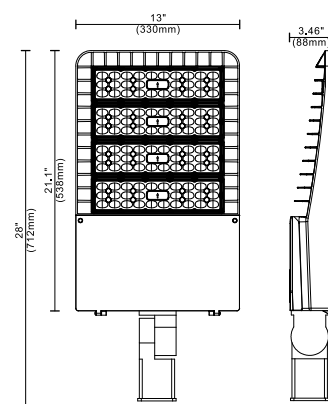
ALSL with Trunnion



ALSH with Pole Mount



ALSH with Slip Fitter



ALSH with Trunnion

