



# Area Light Slim Series



\*Not all product variations listed on this page are DLC qualified. Visit [www.designlights.org/search](http://www.designlights.org/search) to confirm qualification



## Description

The LITELUME™ Area Light Slim Series Luminaire (LL-ALSL) combines style, performance and competitiveness. Featuring a rugged one piece diecast aluminum housing with outstanding corrosion protection, and secondary UV resistant polycarbonate optics. Compact in design low profile 3G vibration rated. Wattage and CCT Selectable with many accessories to customize. The ALSL provides an aesthetically pleasing addition to any roadway or parking lot with its steady well defined construction. The highly functioning optics provide maximum lumen output and light distribution to make the ALSL the premier outdoor area light.

## Fixture Information

Size:	40W/60W/72W/80W/90W/ 100W/108W/120W/140W/144W/ 150W/180W/240W/250W/300W
Housing:	Die-cast Aluminum Housing
Finish:	Protective powdercoat
Color:	Standard: Bronze Custom Options: Black (BK) White (WH) Gray (GY)
Mounting:	Pole Mount Pole Mount Adjustable Slip Fitter Trunnion Mount Wall Mount
Lens:	Polycarbonate
Power Factor:	.90 or greater
CRI:	80
Operating Temperature:	-40°F to 104°F
Surge Protector:	Standard: 10 kVA@120-277V, 20kVA @480v
Dimming:	0-10V
Voltage:	Standard: 120-277V Optional: 347-480V
Sensor:	Standard: No sensor Custom: Bi-level motion sensor Twist Lock Photocell and Receptacle
Warranty:	10-Year Limited Warranty

## Performance Data

### Lumen Output:

10,600 to 45,000 lm

### Lumens Per Watt (typical):

150 to 180 lm/W

### CCT:

3000K

4000K

5000K

### Distribution

Type II

Type III

Type IV

Type V

### Lifespan:

Features premium LED's with up to 100,000 running hours

## Ratings & Certificates

UL Listed For Wet Location

IP66 rated

Dark Sky Conformance\*\*

DLC Premium Listed

Title 24 Compliant

TAA Compliant/ BAA Optional

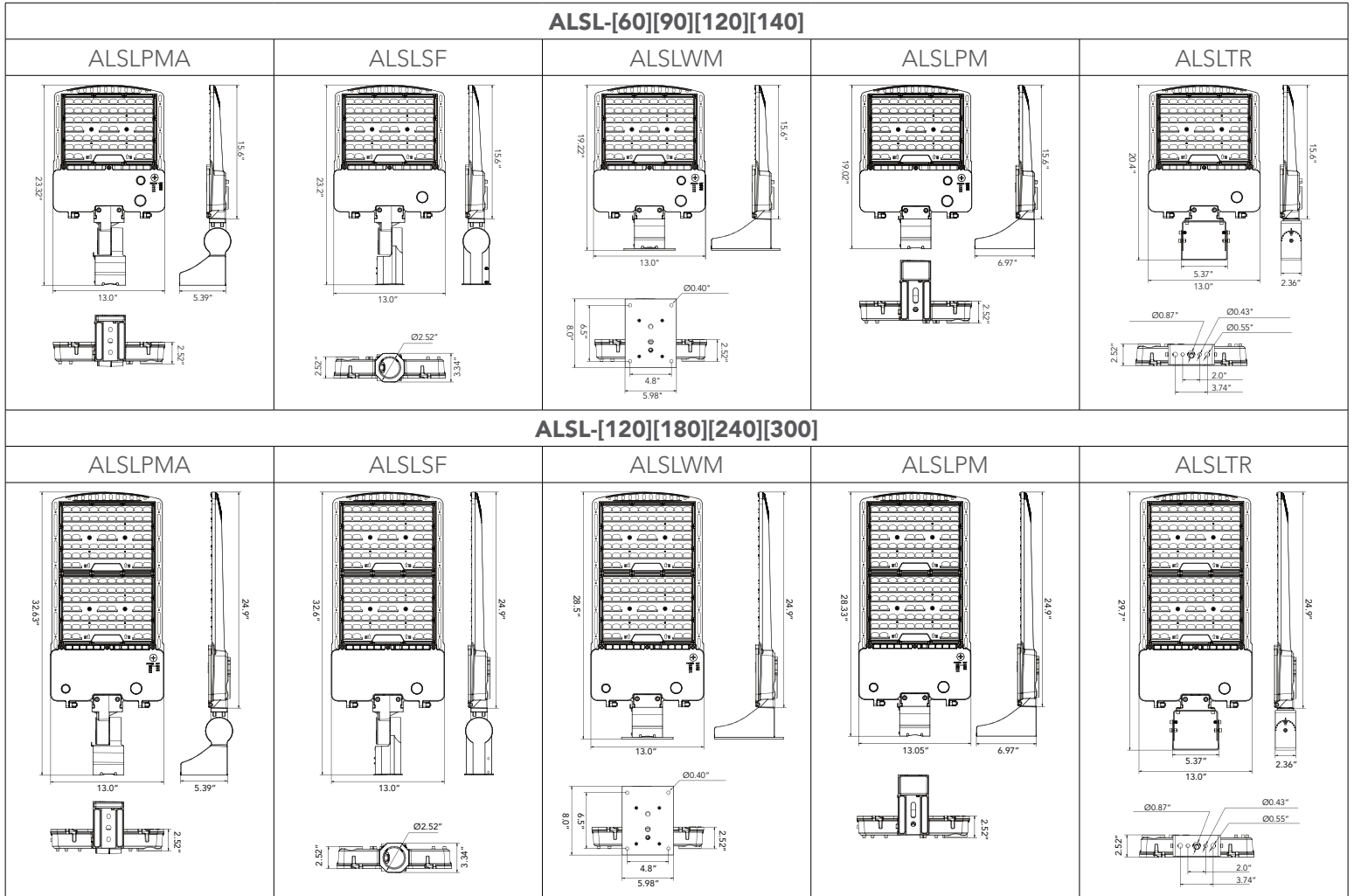


\*\*Litelume Area Lights perform to IDA's fully shielding requirement, emitting no light above 90 degrees when using pole mount accessory. Fixture must be ordered in 3000k to qualify for IDA Dark Sky Compliance



## Dimension

	Item	Width	Length	Height
ALS-[60][90][120][140]	ALSLPMA	13.0"	23.32"	5.39"
	ALSLSF	13.0"	23.2"	2.52"
	ALSLWM	13.0"	19.22"	8.0"
	ALSLPM	13.0"	19.02"	6.97"
	ALSLTR	13.0"	20.4	2.36"
ALS-[120][180][240][300]	ALSLPMA	13.0"	32.63"	5.39"
	ALSLSF	13.0"	32.6"	2.52"
	ALSLWM	13.0"	28.5"	8.0"
	ALSLPM	13.0"	28.33"	6.97"
	ALSLTR	13.0"	29.7"	2.36"





## Structural Design

### Housing

The one-piece die-cast housing with corrosion-resistant coating protection and the modular design extend the life of the luminaire while making it easy to maintain.

### Photocell

Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell.

### Occupancy Sensor

Optional occupancy sensor allows for security and energy saving.

### Mounting

Optional for square, round pole mount, Slipfitter, wall mount, yoke mount. All mounting brackets are simple to operate, which can realize single operation and reduce labor costs.

### Photometry

Option Type III and Type IV and Type V Photometry as per applications.

### CCT & POWER Adjustable

Offer four selectable lumen output (40%/60%/80%/100%), and three selectable CCTs (30K/40K/50K)



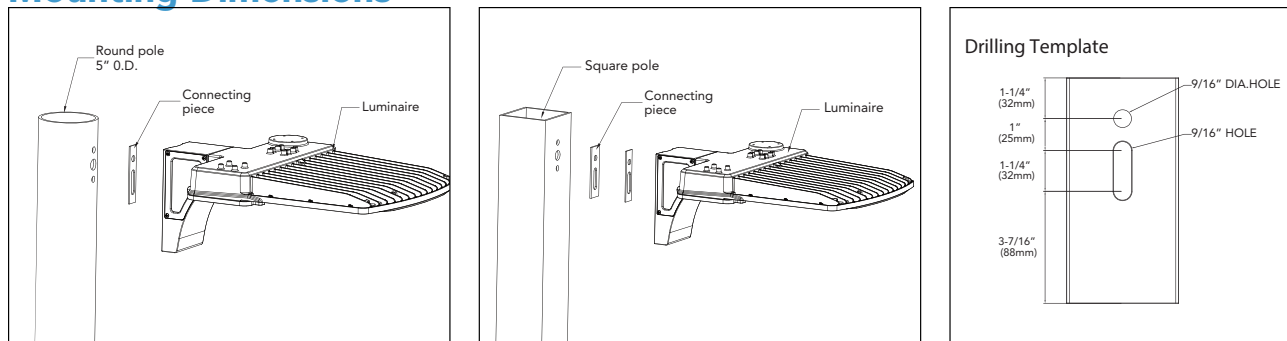
## External Shields

External Glare Shield		External Glare Full Visor	

## Mounting Options

ALSLPM	ALSLPMA	ALSLSF	ALSLTR	ALSLWM
Pole Mount Kit Including Round Adapter ALSL	Pole Mount Adjustable Kit Including Round Adapter ALSL	Slipfitter ALSL	Trunnion Mount ALSL	Wall Mount Kit ALSL

## Mounting Dimensions





## Performance Data

ALSL-[40][60][80][100]									
SETTING	SYSTEM WATTS	DIST.TYPE	CRI	3000K		4000K		5000K	
				LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	100W	3	80	14500lm	145 lm/W	15800lm	158 lm/W	15000lm	150 lm/W
80%	80W	3	80	12000lm	150 lm/W	13000lm	163 lm/W	12500lm	156 lm/W
60%	60W	3	80	9500lm	158 lm/W	10000lm	167 lm/W	9700lm	162 lm/W
40%	40W	3	80	6600lm	165 lm/W	7000lm	175 lm/W	6700lm	168 lm/W

ALSL-[60][90][120][140]									
SETTING	SYSTEM WATTS	DIST.TYPE	CRI	3000K		4000K		5000K	
				LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	140W	3	80	20000lm	143 lm/W	23000lm	164 lm/W	21000lm	150 lm/W
80%	120W	3	80	18000lm	150 lm/W	20000lm	167 lm/W	18500lm	154 lm/W
60%	90W	3	80	14000lm	156lm/W	15500lm	172 lm/W	14500lm	161 lm/W
40%	60W	3	80	9700lm	162 lm/W	10600lm	177 lm/W	10000lm	167 lm/W


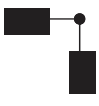

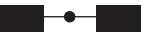
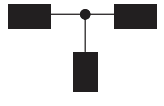
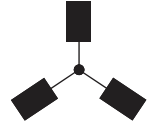
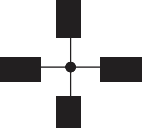
ALSL-[72][108][144][180]									
SETTING	SYSTEM WATTS	DIST.TYPE	CRI	3000K		4000K		5000K	
				LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	180W	3	80	24000lm	133 lm/W	27000lm	150 lm/W	25000lm	139 lm/W
80%	144W	3	80	20000lm	139 lm/W	22500lm	156 lm/W	21000lm	146 lm/W
60%	108W	3	80	16000lm	148 lm/W	18000lm	167 lm/W	17000lm	157 lm/W
40%	72W	3	80	11500lm	160 lm/W	12500lm	174 lm/W	12000lm	167 lm/W

ALSL-[100][150][200][250]									
SETTING	SYSTEM WATTS	DIST.TYPE	CRI	3000K		4000K		5000K	
				LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	250W	3	80	33500lm	134 lm/W	37000lm	148 lm/W	34500lm	138 lm/W
80%	200W	3	80	28000lm	140 lm/W	31000lm	155 lm/W	29000lm	145 lm/W
60%	150W	3	80	22000lm	147 lm/W	24500lm	163 lm/W	23000lm	153 lm/W
40%	100W	3	80	15500lm	155 lm/W	17000lm	170 lm/W	16000lm	160 lm/W

ALSL-[120][180][240][300]									
SETTING	SYSTEM WATTS	DIST.TYPE	CRI	3000K		4000K		5000K	
				LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	300W	3	80	41000lm	137 lm/W	45000lm	150 lm/W	42000lm	140 lm/W
80%	240W	3	80	35000lm	146lm/W	38500lm	160 lm/W	36000lm	150 lm/W
60%	180W	3	80	28000lm	156 lm/W	30000lm	167 lm/W	28500lm	158 lm/W
40%	120W	3	80	19200lm	160 lm/W	21500lm	179 lm/W	20000lm	167 lm/W



### EPA of Area Light

Item							
	1	2 @90°	2 @120°	2@180°	3 @90°	3 @120°	4 @90°
ALSL-[60][90][120][140]	0.3632	0.6849	0.8861	0.7264	1.0481	1.2078	1.0481
ALSL-[120][180][240][300]	0.4758	0.8091	1.059	0.9516	1.2849	1.3923	1.2849



<b>Project Name</b>	
<b>Catalog #</b>	
<b>Job Type</b>	
<b>Prepared By</b>	
<b>Notes</b>	

## Fixture Ordering Information

Part #	Wattage	Lumens	Kelvin	Voltage	Distribution
LL-ALSL-[40][60][80][100]-3CCT-UNV-T2-BZ	40W/60W/80W/100W	7000/10000/13000/15800	3000K 4000K 5000K	120-277	T2
LL-ALSL-[40][60][80][100]-3CCT-UNV-T3-BZ	40W/60W/80W/100W	7000/10000/13000/15800	3000K 4000K 5000K	120-277	T3
LL-ALSL-[40][60][80][100]-3CCT-UNV-T4-BZ	40W/60W/80W/100W	7000/10000/13000/15800	3000K 4000K 5000K	120-277	T4
LL-ALSL-[40][60][80][100]-3CCT-UNV-T5-BZ	40W/60W/80W/100W	7000/10000/13000/15800	3000K 4000K 5000K	120-277	T5
LL-ALSL-[60][90][120][140]-3CCT-UNV-T2-BZ	60W/90W/120W/140W	10600/15500/20000/23000	3000K 4000K 5000K	120-277	T2
LL-ALSL-[60][90][120][140]-3CCT-UNV-T3-BZ	60W/90W/120W/140W	10600/15500/20000/23000	3000K 4000K 5000K	120-277	T3
LL-ALSL-[60][90][120][140]-3CCT-UNV-T4-BZ	60W/90W/120W/140W	10600/15500/20000/23000	3000K 4000K 5000K	120-277	T4
LL-ALSL-[60][90][120][140]-3CCT-UNV-T5-BZ	60W/90W/120W/140W	10600/15500/20000/23000	3000K 4000K 5000K	120-277	T5
LL-ALSL-[72][108][144][180]-3CCT-UNV-T2-BZ	72W/108W/144W/180W	12500/18000/22500/27000	3000K 4000K 5000K	120-277	T2
LL-ALSL-[72][108][144][180]-3CCT-UNV-T3-BZ	72W/108W/144W/180W	12500/18000/22500/27000	3000K 4000K 5000K	120-277	T3
LL-ALSL-[72][108][144][180]-3CCT-UNV-T4-BZ	72W/108W/144W/180W	12500/18000/22500/27000	3000K 4000K 5000K	120-277	T4
LL-ALSL-[72][108][144][180]-3CCT-UNV-T5-BZ	72W/108W/144W/180W	12500/18000/22500/27000	3000K 4000K 5000K	120-277	T5
LL-ALSL-[100][150][200][250]-3CCT-UNV-T2-BZ	100W/150W/200W/250W	17000/24500/31000/37000	3000K 4000K 5000K	120-277	T2
LL-ALSL-[100][150][200][250]-3CCT-UNV-T3-BZ	100W/150W/200W/250W	17000/24500/31000/37000	3000K 4000K 5000K	120-277	T3
LL-ALSL-[100][150][200][250]-3CCT-UNV-T4-BZ	100W/150W/200W/250W	17000/24500/31000/37000	3000K 4000K 5000K	120-277	T4
LL-ALSL-[100][150][200][250]-3CCT-UNV-T5-BZ	100W/150W/200W/250W	17000/24500/31000/37000	3000K 4000K 5000K	120-277	T5
LL-ALSL-[120][180][240][300]-3CCT-UNV-T2-BZ	120W/180W/240W/300W	21500/30000/38500/45000	3000K 4000K 5000K	120-277	T2
LL-ALSL-[120][180][240][300]-3CCT-UNV-T3-BZ	120W/180W/240W/300W	21500/30000/38500/45000	3000K 4000K 5000K	120-277	T3
LL-ALSL-[120][180][240][300]-3CCT-UNV-T4-BZ	120W/180W/240W/300W	21500/30000/38500/45000	3000K 4000K 5000K	120-277	T4
LL-ALSL-[120][180][240][300]-3CCT-UNV-T5-BZ	120W/180W/240W/300W	21500/30000/38500/45000	3000K 4000K 5000K	120-277	T5

## Accessories Ordering Information

Part #	Wattage
ALSLPM	Pole Mount Kit Including Round Adapter ALSL
ALSLPMA	Pole Mount Adjustable Kit Including Round Adapter ALSL
ALSLSF	Slipfitter ALSL
ALSLTR	Trunnion Mount ALSL
ALSLWM	Wall Mount Kit ALSL
EGSALS-SM	External Glare Shield ALSL Small
EGFVALSL-SM	External Glare Full Visor ALSL Small
EGSALS-LG	External Glare Shield ALSL Large
EGFVALSL-LG	External Glare Full Visor ALSL Large
ANT-5-4B	Sharkward Base Plug And Play Ready
ANT-5-4T	Sharkward 12-24V DC 0-10V Plug And Play Microwave Sensor <b>**MUST ORDER WITH ANT-5-4B**</b>
ANT-6-4T	Sharkward 12-24V DC 0-10V Plug And Play PIR Sensor <b>**MUST ORDER WITH ANT-5-4B**</b>
ANT-6-4T-BLE-SR	Sharkward Silvair 12-24V DC 0-10V Plug And Play Bluetooth PIR Sensor <b>**MUST ORDER WITH ANT-5-4B**</b>
ANT-6-4T-BLE-GE	Homewell GEBC 12-24V DC 0-10V Plug And Play Bluetooth PIR Sensor <b>**MUST ORDER WITH ANT-5-4B**</b>
BRI823-B-D	Sharkward 120-277V 0-10V PIR Sensor
RC-100	Remote Control 100



AC-EFS106-AUX-W.B1-WH-BL1-2-B	Autani Compatible - Keilton EFS106-AUX-W.B1 Plug And Play Bluetooth Daylight Harvesting And PIR Motion Sensor & WHBL1-2-B Lens LLLC
AC-WPPA102-AUX-W.B1	Autani Compatible - Keilton Plug And Play Bluetooth Long Range Controller Node LLLC
R3	Twist Lock Receptacle 3 Pin
R7	Twist Lock Receptacle 7 Pin
TLPC480	Twist Lock Photocell & Receptacle 480v
SUB "UNV" WITH "480"	480 Volt For Area Light Econolume Series
TLPC	Twist Lock Photocell & Receptacle

## Buy American Act Compliant Ordering Information

Part #	Description
BAA-ALSL	Buy American Act Compliant For Area Light Slim Series

\* Please contact LITELUME for all Custom Option Requests