



Area Light Slim Series



*Not all product variations listed on this page are DLC qualified. Visit 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/ 320W/360W/400W
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
Controls:	Controls Ready
Warranty:	10-Year Limited Warranty

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



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

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Dimension

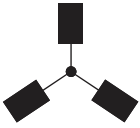
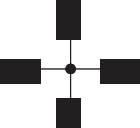
ALSL-[40][60][80][100] / ALSL-[60][90][120][140] / ALSL-[72][108][144][180]				
ALSLPMA	ALSLSF	ALSLWM	ALSLPM	ALSLTR
ALSL-[100][150][200][250] / ALSL-[120][180][240][300] / ALSL-[300][320][360][400]				
ALSLPMA	ALSLSF	ALSLWM	ALSLPM	ALSLTR

	Item	Width	Length	Height	Weight
ALSL-[40][60][80][100]	ALSLPMA	13.0"	23.32"	5.39"	9.87 lbs
	ALSLSF	13.0"	23.2"	2.52"	9.82 lbs
	ALSLWM	13.0"	19.22"	8.0"	12.26 lbs
	ALSLPM	13.0"	19.02"	6.97"	8.56 lbs
	ALSLTR	13.0"	20.4"	2.36"	9.06 lbs
ALSL-[60][90][120][140]	ALSLPMA	13.0"	32.63"	5.39"	10.38 lbs
	ALSLSF	13.0"	32.6"	2.52"	10.34 lbs
	ALSLWM	13.0"	28.5"	8.0"	12.77 lbs
	ALSLPM	13.0"	28.33"	6.97"	9.10 lbs
	ALSLTR	13.0"	29.7"	2.36"	9.57 lbs
ALSL-[72][108][144][180]	ALSLPMA	13.0"	23.32"	5.39"	10.59 lbs
	ALSLSF	13.0"	23.2"	2.52"	10.55 lbs
	ALSLWM	13.0"	19.99"	8.0"	12.99 lbs
	ALSLPM	13.0"	19.02"	6.97"	9.31 lbs
	ALSLTR	13.0"	20.4"	2.36"	9.78 lbs



ALS-[100][120][250]	ALSLPMA	13.0"	32.63"	5.39"	14.65 lbs
	ALSLSF	13.0"	32.6"	2.52"	14.60 lbs
	ALSLWM	13.0"	28.5"	8.0"	17.04 lbs
	ALSLPM	13.0"	28.33"	6.97"	13.36 lbs
	ALSLTR	13.0"	29.7"	2.36"	13.83 lbs
ALS-[120][180][240][300]	ALSLPMA	13.0"	32.63"	5.39"	15.26 lbs
	ALSLSF	13.0"	32.6"	2.52"	15.21 lbs
	ALSLWM	13.0"	28.5"	8.0"	17.65 lbs
	ALSLPM	13.0"	28.33"	6.97"	13.97 lbs
	ALSLTR	13.0"	29.7"	2.36"	14.45 lbs
ALS-[300][320][360][400]	ALSLPMA	13.0"	32.63"	5.39"	15.26 lbs
	ALSLSF	13.0"	32.6"	2.52"	15.21 lbs
	ALSLWM	13.0"	28.5"	8.0"	17.65 lbs
	ALSLPM	13.0"	28.33"	6.97"	13.97 lbs
	ALSLTR	13.0"	29.7"	2.36"	14.45 lbs

EPA of Area Light

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

Bug Rating 5k

System Watts	Voltage	Dis. Type	B	U	G
100W	120-277V/ 347-480V	2	3	0	3
		3	3	0	3
		4	3	0	2
		5	4	0	2
140W	120-277V/ 347-480V	2	3	0	3
		3	3	0	3
		4	3	0	3
		5	4	0	2
180W	120-277V/ 347-480V	2	4	0	3
		3	3	0	3
		4	3	0	3
		5	4	0	2



250W	120-277V/ 347-480V	2	4	0	4
		3	4	0	4
		4	4	0	3
		5	5	0	3
300W	120-277V/ 347-480V	2	5	0	4
		3	4	0	4
		4	4	0	4
		5	5	0	4
400W	120-277V/ 347-480V	2	5	0	4
		3	5	0	5
		4	5	0	5
		5	5	0	4

Electrical Data

Number of Drivers	Voltage (mA)	Nominal Power (W)	Input Voltage (V)	Current (Amps)
1	850	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36
	2520	100	347	0.29
		100	480	0.21
1	1200	140	120	1.17
		140	208	0.67
		140	240	0.58
		140	277	0.51
		140	347	0.40
		140	480	0.29
1	960	180	120	1.50
		180	208	0.87
		180	240	0.75
		180	277	0.65
		180	347	0.52
		180	480	0.38
1	1200	250	120	2.08
		250	208	1.20
		250	240	1.04
		250	277	0.90
		250	347	0.72
		250	480	0.52
1	1500	300	120	2.50
		300	208	1.44
		300	240	1.25
		300	277	1.08
		300	347	0.86
		300	480	0.63



1	1460	400	120	3.33
		400	208	1.92
		400	240	1.67
		400	277	1.44
		400	347	1.15
		400	480	0.83

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	156 lm/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

ALSL-[300][320][360][400]							
SETTING	SYSTEM WATTS	DIST.TYPE	CRI	4000K		5000K	
				LUMENS	LPW	LUMENS	LPW
100%	400W	2	70	60500lm	151 lm/W	60000lm	150 lm/W
		3	70	60500lm	151 lm/W	60000lm	150 lm/W
		4	70	60500lm	151 lm/W	60000lm	150 lm/W
		5	70	61000lm	153 lm/W	60800lm	152 lm/W
80%	360W	2	70	56000lm	156 lm/W	55000lm	153 lm/W
		3	70	56000lm	156 lm/W	55000lm	153 lm/W
		4	70	56000lm	156 lm/W	55000lm	153 lm/W
		5	70	56500lm	157 lm/W	55500lm	154 lm/W
60%	320W	2	70	51000lm	159 lm/W	50000lm	156 lm/W
		3	70	51000lm	159 lm/W	50000lm	156 lm/W
		4	70	51000lm	159 lm/W	50000lm	156 lm/W
		5	70	51500lm	161 lm/W	50500lm	159 lm/W
40%	300W	2	70	47000lm	162 lm/W	46000lm	159 lm/W
		3	70	47000lm	162 lm/W	46000lm	159 lm/W
		4	70	47000lm	162 lm/W	46000lm	159 lm/W
		5	70	47500lm	164 lm/W	46500lm	160 lm/W



Project Name	
Catalog #	
Job Type	
Prepared By	
Notes	

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
LL-ALSL-[300][320][360][400]-2CCT-UNV-T2-BZ	300W/320W/360W/400W	46500/50500/55500/60800	4000K 5000K	120-277	T2
LL-ALSL-[300][320][360][400]-2CCT-UNV-T3-BZ	300W/320W/360W/400W	46500/50500/55500/60800	4000K 5000K	120-277	T3
LL-ALSL-[300][320][360][400]-2CCT-UNV-T4-BZ	300W/320W/360W/400W	46500/50500/55500/60800	4000K 5000K	120-277	T4
LL-ALSL-[300][320][360][400]-2CCT-UNV-T5-BZ	300W/320W/360W/400W	46500/50500/55500/60800	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
EGSALSL-SM	External Glare Shield ALSL Small
EGFVALSL-SM	External Glare Full Visor ALSL Small
EGSALSL-LG	External Glare Shield ALSL Large
EGFVALSL-LG	External Glare Full Visor ALSL Large
ANT-5-4T-PC	Sharkward 12-24V DC Plug and Play Photocell
ANT-5-4T	Sharkward 12-24V DC 0-10V Plug And Play Microwave Sensor **MUST ORDER WITH ANT-5-4B**
ANT-6-4T	Sharkward 12-24V DC 0-10V Plug And Play PIR Sensor **MUST ORDER WITH ANT-5-4B**



ANT-6-4T-BLE-SR	Sharkward Silvair 12-24V DC 0-10V Plug And Play Bluetooth PIR Sensor **MUST ORDER WITH ANT-5-4B**
ANT-6-4T-BLE-GE	Homewell GEBC 12-24V DC 0-10V Plug And Play Bluetooth PIR Sensor **MUST ORDER WITH ANT-5-4B**
BRI823-B-D	Sharkward 120-277V 0-10V PIR Sensor
RC-100	Remote Control 100
AC-EFS106-AUX-W.B2-WH-BL1-2-B	Autani Compatible - Keilton EFS106-AUX-W.B2 Plug And Play Bluetooth PIR Motion Sensor IP66 & WHBL1-2-B Lens 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