



CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#:

DESCRIPTION



AL Series

The Tamlite Lighting AL Series Area Light offers unparalleled customizability at your fingertips. Featuring quick swap optics and three different wattage/color select options, this fixture has 81 different configurations. The built in z10 socket and twist lock allow for motion and photo controls to be added without the need for tools, cutting down on your time in the air.



FEATURES AND SPECIFICATIONS

Construction

Die-cast aluminum housing with a powder coated finish.

Optics

The tool-less latch design allows for the changing of optics without the need for tools. Fixtures come with T3, T4, and T5 distribution optics standard (T2 sold separately).

Dimming

0-10v

Input Voltage

120-277VAC or 277-480VAC options, see ordering information for details.

Installation

The AL Series features several mounting options, each sold separately:

Adjustable Round/Square Pole Mount*

Round/Square Pole Mount*

Slipfitter Mount.

Trunnion Mount

*Designed for use with 3", 4" and 5" diameter poles.

Listings

UL listed to US and Canadian safety standards. Wet location listed. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. For use in ambient operating temperatures ranging from -40°C to 50°C.

Warranty

5-year limited warranty.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

CRI

>80

Color Selectable

3000K/4000K/5000K

3 Pin Twist Lock receptacle

Shorting cap included

Z10 Socket

4-Pin Z10 socket allows for the addition of motion sensors. (Motion Sensors Sold Separately)



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ORDERING INFORMATION

Example: AL-150WS-3CS-U-SO-NM-BZ

SERIES	WATTAGE	COLOR TEMP	VOLTAGE	OPTICS*	MOUNTING	FINISH
AL	[-150WS] : 150/120/100W [-240WS] : 240/200/150W [-300WS] : 300/240/200W [-450WS] : 450/400/350W	[-3CS] : Color Selectable 3000/4000/5000K	[-U] : 120-227VAC [-E] : 277-480VAC	[-SO] : Swappable Optics Included T3, T4, T5	[-NM] : No Mount	[-BZ] : Bronze Powder Coat

*Fixtures are set to highest wattage, 5000K color temperature, and come with T5 optics pre-installed by default.

ACCESSORIES (SOLD SEPARATELY)

Mounts



**Slip fitter Mount
150-300W**
AL-SF-BZ
0688-1361



**Slip fitter Mount
450W**
AL-SF-450-BZ
0732-6552



**Trunnion Mount
150-450W**
AL-TR-BZ
0688-1364



**Round/Square
Pole Mount
150-450W**
AL-PM-BZ
0688-1367



**Adjustable Round/
Square Pole Mount
150-300W**
AL-APM-BZ
0688-1370



**Adjustable Round/
Square Pole Mount
450W**
AL-APM-450-BZ
0732-6555

Glare Shields



**GLARE SHIELD FORWARD
AND REARWARD**
AL-GLARE-150-BZ • 0732-6570
AL-GLARE-240-300-BZ • 0732-6579
AL-GLARE-450-BZ • 0732-6594



GLARE SHIELD LEFT
AL-GLARE-L-150-BZ • 0732-6561
AL-GLARE-L-240-300-BZ • 0732-6573
AL-GLARE-L-450-BZ • 0732-6582



GLARE SHIELD RIGHT
AL-GLARE-R-150-BZ • 0732-6567
AL-GLARE-R-240-300-BZ • 0732-6576
AL-GLARE-R-450-BZ • 0732-6585

Optics



T2 Optic for 150W
AL-T2-SM
0688-7766



**T2 Optic for 240W
and 300W**
AL-T2-LG
0688-7763



**T2 Optic for
450W**
AL-T2-XL
0732-6558

Controls



Remote Control
Z10-RC
0673-5288



Microwave
Z10-MCR
0673-5291



Photocell
PES-MV-TL (120-277VAC)
0541-1031





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PERFORMANCE SPECIFICATIONS

SERIES	WATTAGE	OPTIC	3K		4K		5K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
AL-150WS	100	T2	13786	138	14839	148	14480	145
		T3	13562	136	14693	147	14281	143
		T4	13679	137	14796	148	14405	144
		T5	13877	139	15045	150	14667	147
	120	T2	15575	130	17035	142	16461	137
		T3	15385	128	16832	140	16215	135
		T4	15504	129	16947	141	16308	136
		T5	15733	131	17240	144	16633	139
	150	T2	17720	118	19623	131	18697	125
		T3	17383	116	19344	129	18400	123
		T4	17599	117	19482	130	18534	124
		T5	17900	119	19810	132	18866	126
AL-240WS	150	T2	21744	145	23051	154	22524	150
		T3	22109	147	23397	156	22635	151
		T4	21943	146	23200	155	22509	150
		T5	21880	146	22978	153	22391	149
	200	T2	27374	182	29440	196	28233	188
		T3	27666	138	29688	148	28487	142
		T4	27477	137	29555	148	28440	142
		T5	27482	137	29530	148	28375	142
	240	T2	30922	129	33414	139	31773	132
		T3	31170	130	33713	140	32061	134
		T4	30864	129	33478	139	31878	133
		T5	30830	128	33474	139	31856	133
AL-300WS	200	T2	26765	134	29128	146	28333	142
		T3	26995	135	29360	147	28577	143
		T4	27207	136	29285	146	28509	143
		T5	26712	134	28943	145	28254	141
	240	T2	30856	129	33961	142	32595	136
		T3	31144	130	34254	143	32847	137
		T4	31108	130	34200	143	32869	137
		T5	30535	127	33670	140	32254	134
	300	T2	30694	102	40310	134	38078	127
		T3	36495	122	40674	136	38370	128
		T4	36247	121	40550	135	38304	128
		T5	35644	119	39993	133	37276	124
AL-450WS	350	T2	44233	128.63	47477	144.95	46212	134.25
		T3	43155	126.69	47579	145.52	46603	135.32
		T4	44304	130.18	48590	148.76	47303	137.64
		T5	45594	132.32	48179	149.51	47836	138.45
	400	T2	47082	121.94	52190	141.62	50563	129.48
		T3	47838	123.06	53082	142.95	51758	131.29
		T4	49501	126.36	53426	143.94	51268	130.84
		T5	50081	127.69	54375	145.97	52466	133.24
	450	T2	52424	117.43	59032	138.88	57757	127.1
		T3	54723	120.84	60357	141.01	58768	128.48
		T4	54473	121	60201	141.34	57331	126.62
		T5	54242	121.18	60695	142.59	58348	128.52

APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION

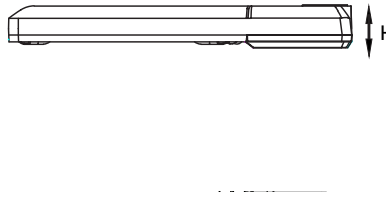
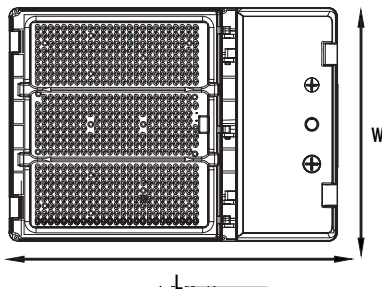


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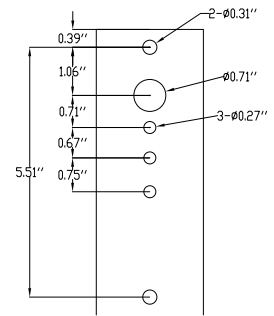
AL DIMENSIONS

MOUNT TYPE	AL-150WS				AL-240WS & AL300WS				AL-450WS			
	LENGTH	WIDTH	HEIGHT	WEIGHT	LENGTH	WIDTH	HEIGHT	WEIGHT	LENGTH	WIDTH	HEIGHT	WEIGHT
BODY (NO MOUNTING)	15.63"	11.22"	2.52"	10.14lbs	19.65"	13.98"	2.52"	14.3lbs	25.7"	13.98"	2.52"	16.94lbs
BODY W/SLIP FITTER	22.5"	11.22"	3"	11.88lbs	26.53"	13.98"	3"	16.04lbs	33.6"	13.98"	3.1"	19.98lbs
BODY W/TRUNNION	21"	11.22"	2.8"	13.88lbs	25"	13.98"	2.8"	18.04lbs	25.7"	13.98"	2.9"	20.65lbs
BODY W/ROUND/SQUARE POLE MOUNT	22.5"	11.22"	6.8"	14.17lbs	27.13"	13.98"	6.8"	18.33lbs	33.2"	13.98"	6.9"	20.97lbs
BODY W/ADJUSTABLE ROUND/SQUARE POLE MOUNT	24.5"	11.22"	6.3"	13.25lbs	27.09"	13.98"	6.3"	17.41lbs	34.9"	13.98"	6.3"	21lbs
SLIP FITTER	6.92"	4.88"	2.84"	1.74lbs	6.92"	4.88"	2.84"	1.74lbs	7.92"	5.15"	3.06"	3.04lbs
TRUNNION	6.34"	5.33"	2.76"	3.74lbs	6.34"	5.33"	2.76"	3.74lbs	6.34"	5.33"	2.76"	3.74lbs
ROUND/SQUARE POLE MOUNT	7.53"	5.11"	6.82"	4.03lbs	7.53"	5.11"	6.82"	4.03lbs	7.53"	5.11"	6.82"	4.03lbs
ADJUSTABLE ROUND/SQUARE POLE MOUNT	9"	6.28"	4.88"	3.11lbs	9"	6.28"	4.88"	3.11lbs	9.18"	6.36"	5.12"	4.06lbs

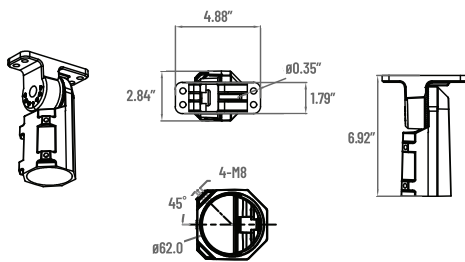
AL Fixture



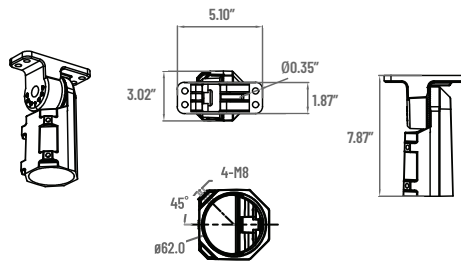
Pole Drilling



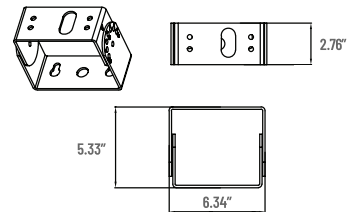
Slip Fitter Mount 150-300W



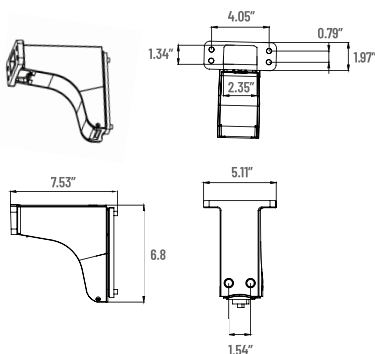
Slip fitter mount 450W AL-SF-450-BZ



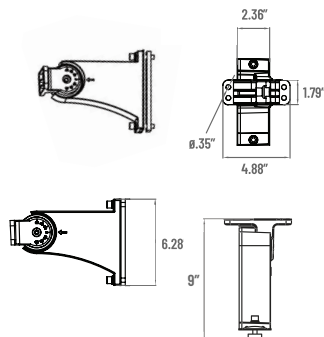
Trunnion Mount 150-450W



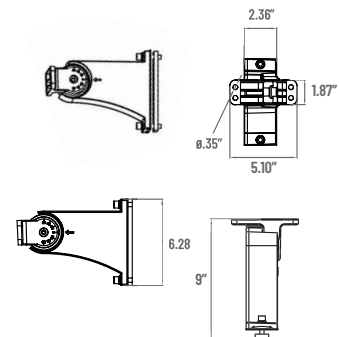
Round/Square Pole Mount 150-450W



Adjustable Round/Square Pole Mount 150-300W



Adjustable Round/Square Pole Mount 450W



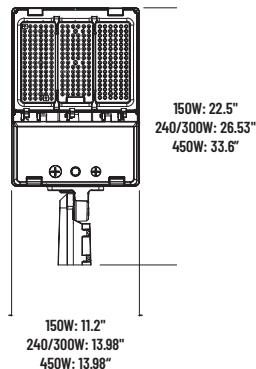
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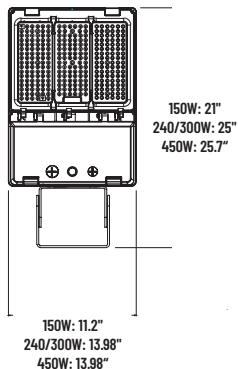
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AL MOUNTING DIMENSIONS

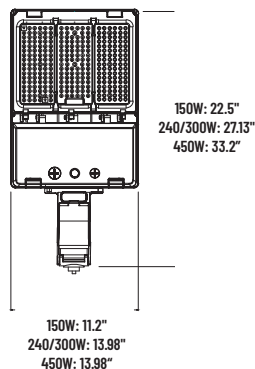
Slip Fitter Mount



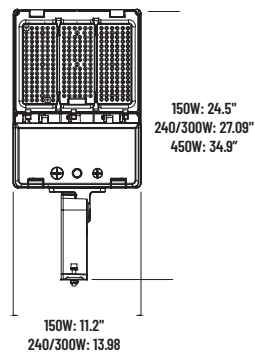
Trunnion Mount



Round/Square Pole Mount



Adjustable Round/Square Pole Mount



EPA CHART

TILT AT WITH SLIP FITTER						
MOUNTING TYPE	ANGLE	SINGLE	2 @ 180°	2 @ 90°	3 @ 90°	4 @ 90°
AL-150WS	45°	1.05	2.11	1.32	2.11	2.11
	90°	1	2	1.29	2	2
AL-240WS & AL-300WS	45°	1.23	2.46	1.6	2.46	2.46
	90°	1.19	2.38	1.59	2.38	2.38
AL-450WS	45°	1.73	3.46	2.25	3.46	3.46
	90°	1.67	3.35	2.24	3.35	3.35

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AL SERIES BUG RATING CHART

WATTAGE	VOLTAGE	DISTRIBUTION	BUG RATING
150W	120-277V	T2	B3-U0-G3
		T3	B3-U0-G3
		T4	B3-U0-G3
		T5	B4-U0-G2
	277-480V	T2	B4-U0-G4
		T3	B4-U0-G4
		T4	B4-U0-G4
		T5	B5-U0-G3
240W	120-277V	T2	B4-U0-G4
		T3	B4-U0-G3
		T4	B4-U0-G4
		T5	B5-U0-G4
	277-480V	T2	B4-U0-G5
		T3	B4-U0-G4
		T4	B4-U0-G4
		T5	B5-U0-G5
300W	120-277V	T2	B5-U0-G4
		T3	B5-U0-G5
		T4	B4-U0-G5
		T5	B5-U0-G4
	277-480V	T2	B5-U0-G4
		T3	B5-U0-G5
		T4	B4-U0-G5
		T5	B5-U0-G4
450W	120-277V	T2	B5-U0-G5
		T3	B5-U0-G5
		T4	B5-U0-G5
		T5	B5-U0-G4
	277-480V	T2	B5-U0-G5
		T3	B5-U0-G5
		T4	B5-U0-G5
		T5	B5-U0-G4

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