

SLG AREALIGHT SPECIFICATIONS

GENERAL DESCRIPTION

AL Series LED Area Light luminaires provide substantial energy-savings through efficient delivery of light into all areas of parking lots or other large areas. Capable of producing up to 38,000 lumen's, delivered into IES types 3, 4 or 5-Square.

HOUSING

Precision die-cast aluminum housings with integral heat-sink fins. Parting lines dressed for high quality finish

AMBIENT TEMPERATURE

Suitable for use in -40°C to +40°C

MOUNTING

Rigid direct-pole mounting arm. Adjustable post-top knuckle or wall mount.

EFFICACY

Up to 137 lumen's per watt (see individual wattage data)

CCT AND CRI

4000K and 5000K CCT available; 70CRI

OPTICS

Precision molded secondary optics produce superior uniformity, minimal light trespass and maximum pole spacing. Optics sealed to LED package for IP66 protection.

ELECTRICAL

Voltage: 120/277V standard. 347V-480V optional. Class 2 Constant Current Drivers with 90% power factor, <20% THD. Driver efficiency (>90% standard); 50/60Hz; Open/short circuit protection; 10K Surge protector per ANSI/IEEE C62.41.2; NEMA twist lock photo control receptacle optional. Dimming 0-10V driver optional. Occupancy sensor (PIR) optional

FINISHES

Polyester Powder Dark Bronze or White finish. Multi-stage process produces 3mil thickness for superior corrosion and maximum environmental durability

CERTIFICATIONS

UL underwriters laboratory listed for wet location equivalent to IP65 rating. FCC compliant. RoHs compliant. DLC standard certification, premium certification for ALM 200 T3 models. IDA dark-sky compliance.

Project:	
Catalog No.:	
Fixture Type:	
Notes:	



The AL-Series Area/Site luminaire delivers a new level of performance, versatility and value in a low profile, architectural design that delivers significant installation and energy savings. A versatile mounting arm makes retrofit installation simple, resulting in reduced installation time and additional labor savings. AL-Series fixture replaces 150-400W metal halide fixtures in general area lighting applications such as parking lots, walkways, roadways and building areas. The AL-Series luminaire is UL listed and is Equivalent to IP65 rating to ensure long term reliability.

PERFORMANCE INFORMATION***

SERIES NUMBER	POWER	VOLTAGE	LUMENS	DISTRIBUTION	CCT
ALS 90 T3 G1 5K	70 Watts	120-277V	9,000 Lumens	Type3	5000K
ALS 130 T3 G1 5K	105 Watts	120-277V	13,400 Lumens	Type3	5000K
ALM 200 T3 G1 5K	150 Watts	120-277V	20,000 Lumens	Type3	5000K
ALM 245 T3 G1 5K	200 Watts	120-277V	24,500 Lumens	Type3	5000K
ALL 330 T3 G1 5K	250 Watts	120-277V	33,000 Lumens	Type3	5000K
ALL 380 T3 G1 5K	300 Watts	120-277V	38,000 Lumens	Type3	5000K

ORDERING GUIDE

EXAMPLE: ALS 90 T3 G1 5K SPAR D

Luminaire Type	Lumen Output*	Distribution Type	Generation	Voltage	CCT	Mounting	Finish	Options
<div>ALS</div>	<div>90</div>	<div>T3</div>	<div>G1</div>	<div>Blank</div>	<div>4K</div>	<div>SPAR</div>	<div>BLANK</div>	<div>BLANK</div>
ALS Small LED Area Light	ALS 90 9,000 Lumens 130 13,400 Lumens	T3 Type 3	G1	Blank 120-277V	4K 4000K 5K 5000K	SPAR Arm Mount	Blank Dark Bronze	Blank No Option
ALM Medium LED Area Light	ALM 200 20,000 Lumens 245 24,500 Lumens	T3 Type 3 T4 Type 4 T5 Type 5	G1	Blank 120-277V HVU** 347-480V		SFD Adjustable Slip-fitter Mount	W White	N NEMA Twist-lock Photocell Receptacle
ALL Large LED Area Light	ALL 330 33,000 Lumens 380 38,000 Lumens					WM Wall Mount		N7 NEMA Seven-Pin Photocell Receptacle
								D (MS-FSP-212) Dimming Driver (0-10V)
								M1 On/Off Motion Sensor
								M2 Dimming Motion Sensor

NOTE: Standard driver operates on any line voltage from 120-277V (50/60 Hz)

*Lumen's for Type 3, other patterns may have different lumen outputs. ** HVU adds 10 watts to power consumption.

***Data as report to DLC, actual test results may vary

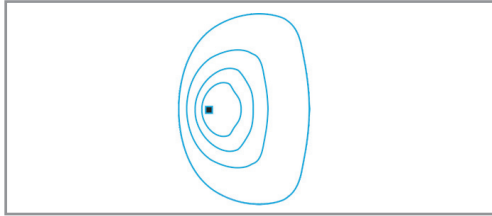
Project:	
Catalog No.:	
Fixture Type:	
Notes:	

PHOTOMETRIC

SLG offers a complete set of optical system to meet every site lighting requirement. These systems provide remarkable flexibility in precisely matching light distribution patterns to specific site requirements. (See ordering guide.)

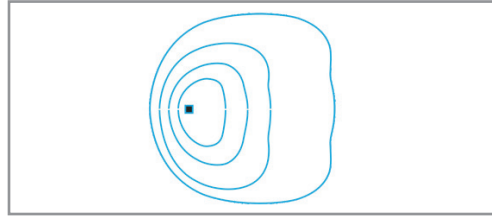
TYPE

Type 3 optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back



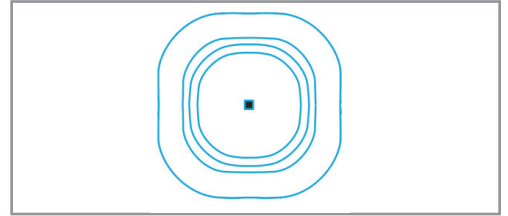
TYPE

Type 4 is suitable for applications where light is primarily required forward with minimal backlight.



TYPE

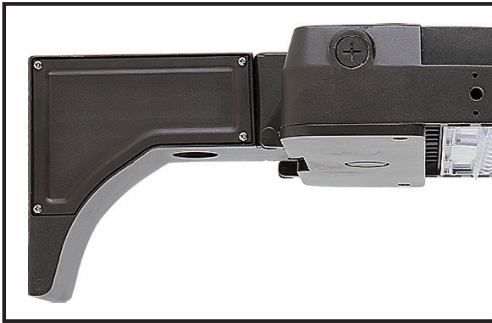
Type 5 optics produce a symmetrical square pattern that distributes light equally on all sides



MOUNTING OPTIONS

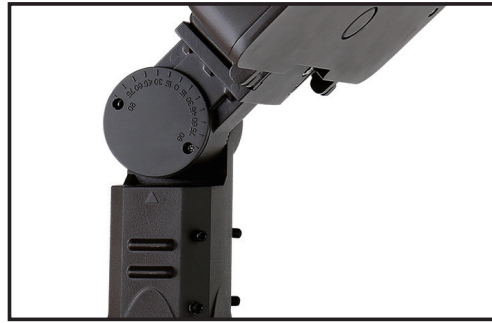
ARM MOUNT (SPAR) (SQUARE OR ROUND POLES)

Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.



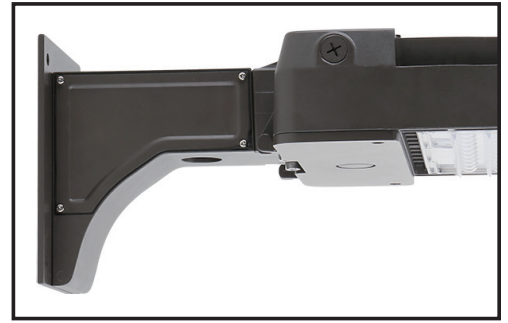
SLIP-FITTER MOUNT

An optional cast aluminum mast arm adapter secures fixture head to nominal 2" (2-3/8" O.D. pipe size) horizontal steel tenon arm.






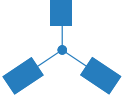



WALL MOUNT

Wall Mount is easy to install for direct wall mounting with 1/2' conduit wiring or standard J-box mounting



EPA OF AREA LIGHT

	Item	Watt							
	AL		1	2 @ 90°	2 @ 120°	2 @ 180°	3 @ 90°	3 @ 120°	4 @ 90°
S	ALS90/ALS130	70W/105W	0.626	0.705	0.971	0.981	0.982	0.975	0.982
M	ALM200/ALM245	150W/200W	0.667	0.742	1.162	1.165	1.167	1.163	1.167
L	ALL300/ALL380	250W/300W	0.847	0.996	1.629	1.634	1.636	1.632	1.636

Project:

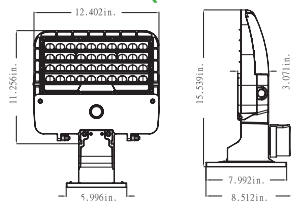
Catalog No.:

Fixture Type:

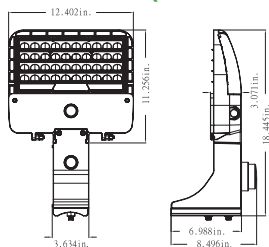
Notes:

DIMENSIONS

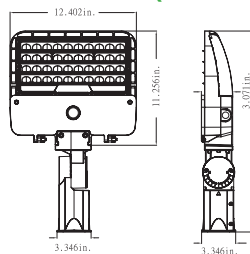
70W&105W (WALL MOUNT)



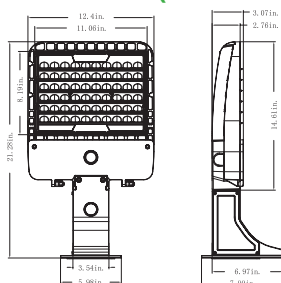
70W&105W (POLE MOUNT)



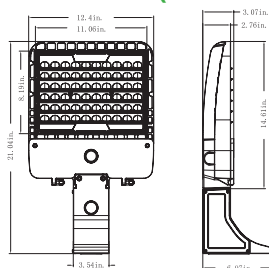
70W&105W (SLIP-FITTER MOUNT)



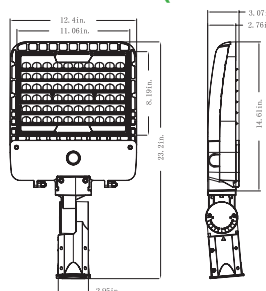
150W&200W (WALL MOUNT)



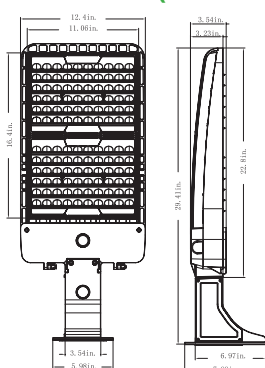
150W&200W (POLE MOUNT)



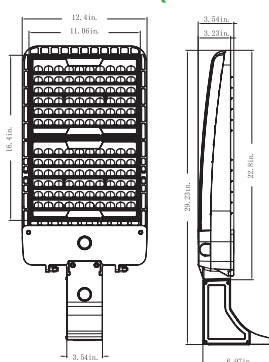
150W&200W (SLIP-FITTER MOUNT)



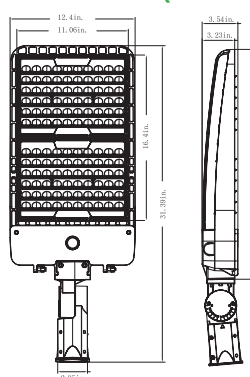
250W&300W (WALL MOUNT)



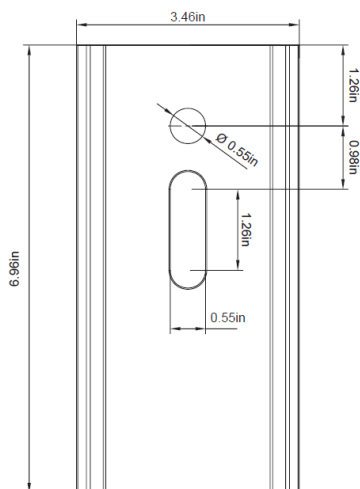
250W&300W (POLE MOUNT)



250W&300W (SLIP-FITTER MOUNT)



DRILLING TEMPLATE



HOLE DIMENSION

