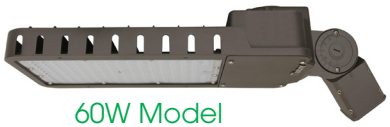
MaxLite®
A NEW WAVE OF LIGHT

PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____FIXTURE SCHEDULE:_____

LED SLIM AREA LIGHTS
AR SERIES, GENERATION 2

Fixture shown with Slipfitter Knuckle



60W Model

Fixture shown with Trunnion Swivel



100-140W Model

Fixture shown with Straight Arm



210-280W Model

DIMENSIONS:
Please see page 3 and 4 for dimension drawings.

PRODUCT DESCRIPTION:
The LED Slim Area Lights deliver class-leading efficacy in a lightweight design that can be effortlessly applied to new and retrofit outdoor projects. Offered in lumen packages ranging from 7,700lm to over 35,000lm, the AR Series achieves up to 130 lumens per watt while providing significant long-term energy and maintenance cost savings.

MaxLite Makes It!
Don't see what you need? Additional wattages and specifications available upon request - contact your MaxLite rep!

FEATURES:
- Trade Agreements Act (TAA) compliant product available - contact MaxLite for details
- Replaces up to 750W MH/HPS equivalent
- Universal 120-277V dimming driver standard, 347-480V available
- Dusk-to-dawn and occupancy sensor capability
- Meets ANSI 3G vibration standard for bridges and overpasses
- 10kV surge suppression standard
- Comes with 41" 18/3 SO cord

MOUNTING:
- 7.5" Straight Arm[1]
- Trunnion Swivel
- 2-3/8" Slipfitter Knuckle

WARRANTY:
10-year standard warranty with labor allowance*
(further details available at www.maxlite.com/warranties)

*Warranty Limitations: Product must be rated for the application per the Product Data Sheet (PDS); operated ≤16 hrs/day; in ambient of -29°F to 104°F. *Up to $25/unit; labor allowances of up to $500/unit available for purchase – contact MaxLite representative for details.

CONTROLS:
PC Option: NEMA standard C136.41 3-Pin twist lock receptacle for use with NEMA twist lock photocell. **The photocell is sold separately.**

Photo/Motion Sensor: The FSP-211 uses passive infrared (PIR) sensing technology to react to changes in infrared energy (i.e. moving body heat) within the coverage area. This slim, low-profile sensor is designed for installation inside the bottom of a light fixture body and is ideal for outdoor environments. The sensor operates at 120V/230V-240V and single phase 277V. The motion sensor is fully adjustable with high and low dimmed light level options with optional dusk to dawn control. Sensor can be combined with various lenses to operate at mounting heights from 8' to 40'. Please refer to page 4 for the sensor's factory default settings. Factory settings can be adjusted via the FSIR-100, a wireless configuration tool. **Note that the sensor comes with photocell setting disabled and the FSIR-100 must be purchased if photocell functionality is desired.**

Please refer to the FSP-211 Supplementary Datasheet for more product

MODEL SELECTION | Typical order example: AR60UT5-50BK

AR				-				
FAMILY	**NOMINAL WATTAGE**	**VOLTAGE**	**DISTRIBUTION**	-	**CCT**	**FINISH**	**MOUNTING**	**OPTIONS**
AR= Area Light	**60=** 60W,250W MH/HPS equivalent **100=** 100W, 400W MH/HPS equivalent **140=** 140W, 400W MH/HPS equivalent **210=** 210W, 750W MH/HPS equivalent **280=** 280W, 750W MH/HPS equivalent	**U=** 120-277V **H=** 347-480V	**T2=** Type II **T3=** Type III **T4=** Type IV **T5=** Type V	-	**40=** 4000K **50=** 5000K	**B=** Bronze *Contact MaxLite for additional finishes*	**A=** Straight Arm[1] **K=** 2-3/8" Slipfitter Knuckle **T=** Trunnion Swivel	**(OMIT)=** None **MS=** Daylight/Motion Sensor **RPC=** NEMA 3-pin receptacle (NEMA twist lock Photocell sold separately) **PR7=** NEMA 7-Pin receptable (control module sold separately)

NOTES:

1. The straight arm mounting fits square poles. For compatibility with round poles, combine the straight arm mounting with a round pole adaptor. See adaptor selection table on page 3.

LED SLIM AREA LIGHTS
AR-MAL SERIES, GENERATION 2

SPECIFICATIONS:

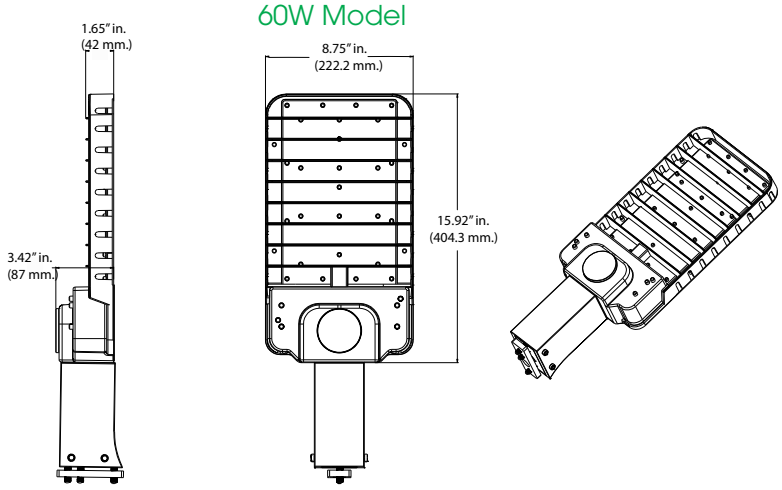
ITEM	SPECIFICATION			60 WATT	100 WATT	140 WATT	210 WATT	280 WATT
				DETAILS				
GENERAL PERFORMANCE	Input Power (W)			60W	100W	140W	210W	280W
	Type II	4000K	Lumens	7846	12420	17014	25633	34547
			BUG Rating	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
		5000K	Lumens	7860	12675	17922	26756	35886
			BUG Rating	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
	Type III	4000K	Lumens	7900	12420	17014	25663	34547
			BUG Rating	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
		5000K	Lumens	7900	12675	17922	26756	35886
			BUG Rating	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
	Type IV	4000K	Lumens	7615	12421	17015	25663	34548
			BUG Rating	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G4	B5-U0-G5
		5000K	Lumens	7699	12675	17922	26756	35886
			BUG Rating	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G4	B5-U0-G5
	Type V	4000K	Lumens	7787	12420	17014	25663	34547
			BUG Rating	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1
		5000K	Lumens	7860	12675	17922	26756	35886
			BUG Rating	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1
	Efficacy (lm/W)			up to 130 lm/W				
	CRI			> 70				
	Lumen Maintenance (L90, TM21 @ 25°C)			> 100,000 hours				
	Color Temperature			4000K and 5000K available				
	Power Factor			> 0.9				
	THD			< 16%				
ELECTRICAL	Input Voltage Range			120-277V standard, 347-480V available				
	Housing			Die-cast aluminum				
	Lens			Polycarbonate lens				
PHYSICAL	Housing			2-3/8" Slipfitter, Straight Arm, Trunnion Swivel				
	Lens			Type II, Type III, Type IV, Type V - Frosted lens				
	Mounting			Slip Fitter, Straight Arm, Trunnion Mount options				
	Dimensions (Module)			15.9"x8.7"x3.4"	16.9" x 10.3" x 3.4"		16.6" x 15.0" x 3.5"	
	Weight			8.5 lbs	11.8 lbs	12.5 lbs	22.5 lbs	23.9 lbs
	EPA (sq. ft) 0°/90°			0.43/1.34	0.43/1.64		0.49/2.26	
	Operating Temperature			-40°F to 131° F (-40°C to 55°C)				
CERTIFICATION	Certifications			cULus, supports T24 compliance				
	Material Usage			RoHS compliant; no mercury				
	Environment			Outdoor, Wet location, IP65 rating, 3G Vibration				
	Warranty			10-year standard warranty*				
QUALIFICATION	DesignLight Consortium			DLC Premium				

ACCESSORIES:

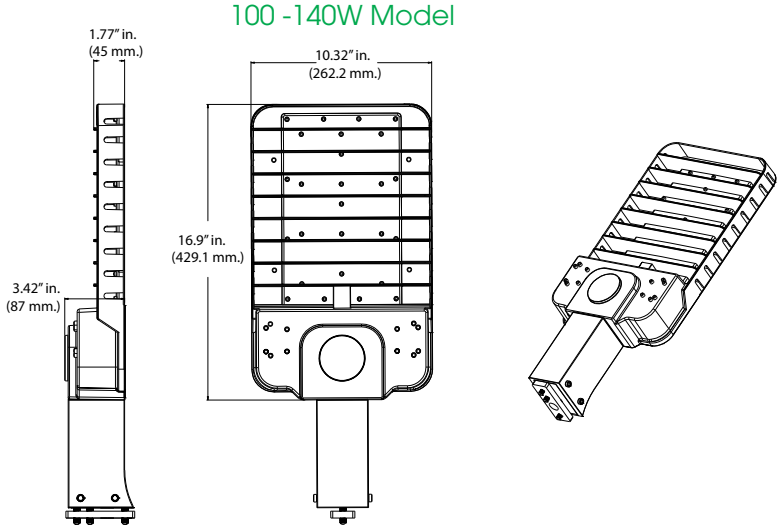
ORDER CODE	MODEL	DESCRIPTION
107846	AR-MAL-4RPA	4" Round Pole Adaptor for AR-MAL Series, to be used with straight arm
107847	AR-MAL-5RPA	5" Round Pole Adaptor for AR-MAL Series, to be used with straight arm
72055	6390LBK	NEMA Twist-Lock Photo Control 120V-277V
1408292	6394LL	NEMA Twist-Lock Photo Control 347V-480V
96268	MLRTLPCRSP	Shorting Cap Photocontrol 3 Pin NEMA Rotatable Twist Lock
103658	AR-S-HS-GEN2-B	House Side Shield for AR GEN 2 Series, Bronze Finish, Small Size compatible with 60W/100W/140 Models
1408946	AR-MAL-L-HS-B	House Side Shield for AR-MAL Series, Bronze Finish, Large Size compatible with 210W/280W Model
102944	UPMA-B	Universal Pole Mount Adaptor, Bronze, hardware and gasket included
102945	UPMA-S	Universal Pole Mount Adaptor, Silver, hardware and gasket included
102225	UPMA-4RPA-B	Round Pole Adaptor for 4" pole for Universal Pole Mount Adaptor
102976	UPMA-5RPA-B	Round Pole Adaptor for 5" pole for Universal Pole Mount Adaptor
102184	FSIR-100	Remote Handheld Configuration Tool

DIMENSIONS:

60W Model

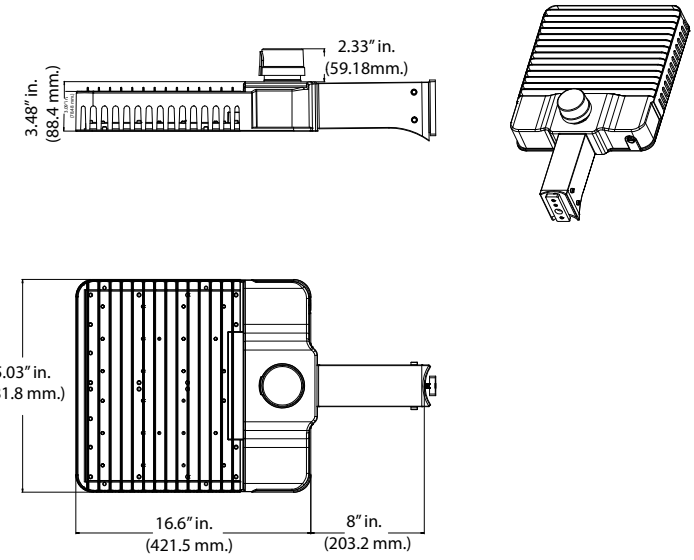


100 -140W Model

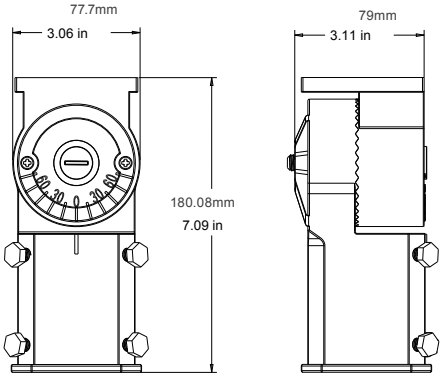


DIMENSIONS:

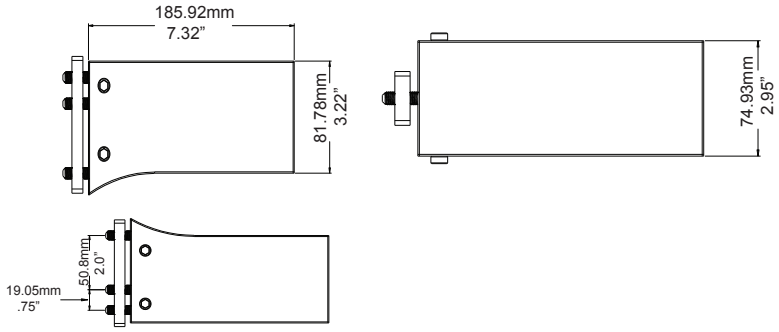
210-280W Model



MOUNTING DIMENSIONS:



Slip Fitter Knuckle



Straight Arm

Trunnion Swivel

