RDA LIGHTING

AL1-LED
Area Light

The AL-LED fixtures are high efficiency area lights with multiple beam patterns to suit a variety of applications. Intelligently designed, this series of fixtures provides superior lighting performance and significant energy savings over traditional fixtures

Project	
Type	
Date	
Notes	

APPLICATIONS

Ideal for parking lots, roadways and perimeter lighting applications.

SPECIFICATIONS

Construction
Precision die cast aluminum housing with clear polycarbonate lens. The fixture offers superior heat sinking with air-flow fins on the top. The driver enclosure is separate from the optics for improved thermal management.

Optics
Unit has high efficiency injection molded optics that have an efficacy (lumens/watt) of approx 100. The LEDs have a color temperature of 5000K as standard. 3000K/4000K available as option. The CRI is greater than 70 and the operating temperature range is -40°C to +40°C. LED life of 100,000 hours.

Beam Distribution
Available in T2, T3, T4 and T5 beam patterns for a wide range of applications.

Mounting
The AL series can be arm mounted for round or square poles (arms ordered separately). They can also be ordered with a slip fitter or yoke installed. Also available is a wall bracket that is ordered as an option an shipped separately.

Electrical
The standard unit has a high efficiency driver that operates at 120 - 277V.

Finish
Standard finish is Bronze. Please consult factory for custom color.

Options
Photocell

AL1-LED Series

Input Watts	62W
Lumens	min. 7,475
Efficacy	min. 115 lumens/watt

Input Watts	100W
Lumens	min. 12,000
Efficacy	min. 120 lumens/watt

Input Watts	120W
Lumens	min. 14,040
Efficacy	min. 120 lumens/watt

Operating Temperature	-40°C to +40°C
Power Factor	> 0.9
Total Harmonic Distortion	≤ 22%
EPA	1
Certification	cULus, DLC
Warranty	5 Years
Color Temperature	5000K (standard) 3000K, 4000K (options)

DIMENSIONS

[9.836in] 249.83mm
[9.528in] 242.00mm
[14.490in] 368.05mm
[8.268in] 210.00mm
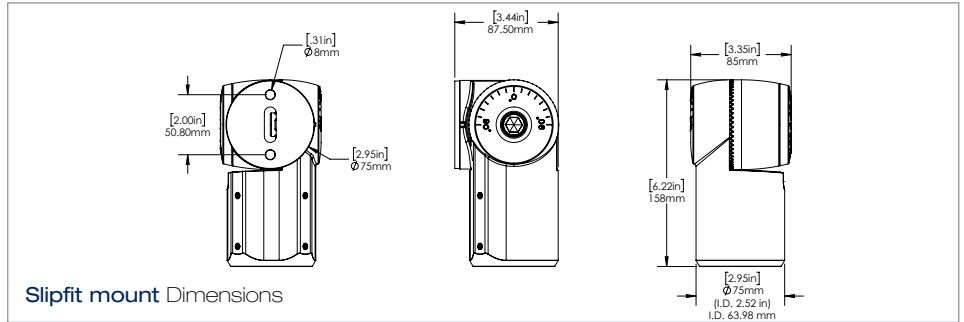[11.811in] 300.00mm
[4.079in] 103.61mm
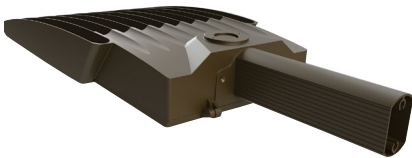[11.088in] 281.63mm
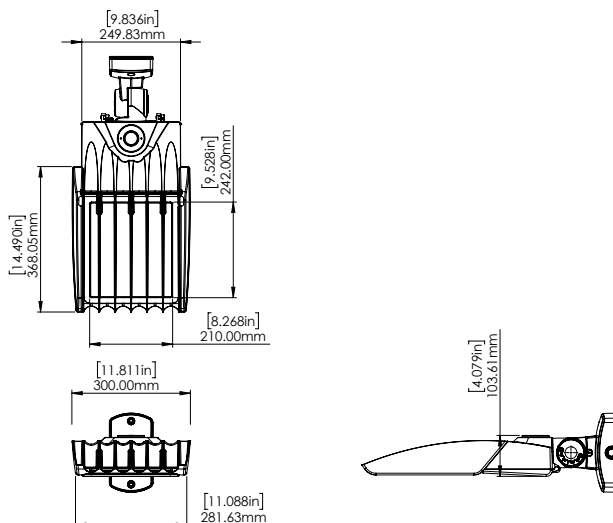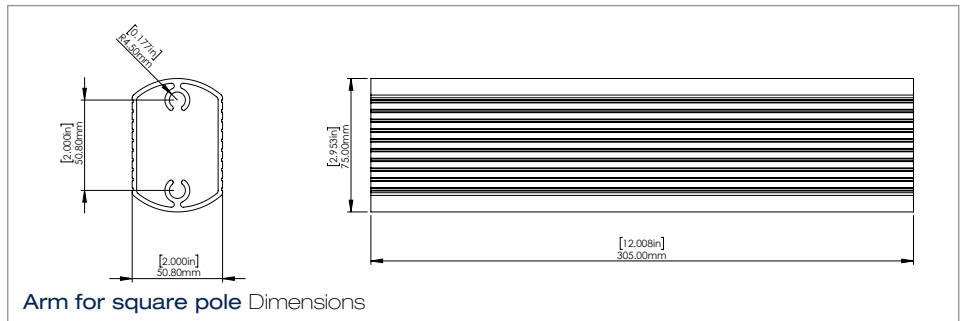
MOUNTING OPTIONS

Slipfit Mount
Optional - order separately

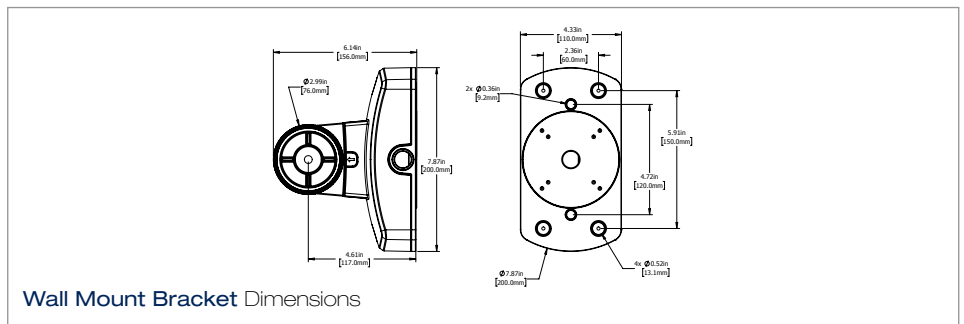**Slipfit mount** Dimensions

Arm for square pole
Optional - order separately

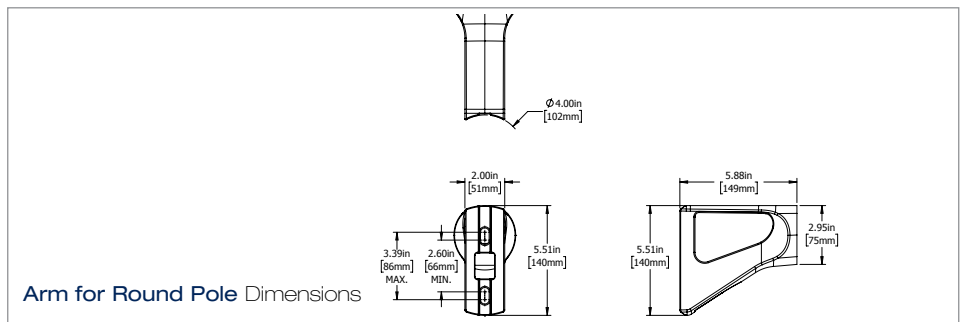
Arm for square pole Dimensions

Wall Mount Bracket
Optional - order separately

Wall Mount Bracket Dimensions

Arm for round pole
Optional - order separately

Arm for Round Pole Dimensions

ORDERING GUIDE

AL1	–		–		–		–		–		–		–		–		–	

WATTS	VOLTAGE	COLOR TEMP	BEAM	FINISH	DRIVER	OPTIONS	MOUNTING**
						PC - Photocell	
LED60*	B - 120 -	5K - 5000K*	T2 - TYPE 2	BRZ - BRONZE*	DIM -		SF - Slipfit
LED90*	277V*	4K - 4000K	T3 - TYPE 3	CC - CUSTOM	DIMMABLE		WM - Wall Mount
LED120*	A - 120V	3K - 3000K	T4 - TYPE 4		DRIVER*		S6 - 6" Arm for Square Pole
			T5 - TYPE 5				S12 - 12" Arm for Square Pole
							R6- 6" Arm for Round Pole
							R12 - 12" Arm for Round Pole

* Standard configuration
** All mounting configurations sold separately