

Catalog Number:	Project Name:	Note:	Date:	Type:
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Portor's second generation AL2 Area Light White Series is highly energy efficient and provides advanced optical control. The ultra slim profile delivers enhanced performance for general area lighting applications. The robust die-cast housing provides excellent thermal management for longer life and can withstand everyday harsh outdoor environments.

Ideal use for parking lots, car dealerships, roadways, walkways, school campuses, shopping centers and industrial areas



IP65

**NOT FOR USE AS AN UP LIGHT**

**CONSTRUCTION**

Die-cast aluminum body combined with state of the art heat dissipation. Waterproof, built rugged for outdoor harsh conditions.

**ELECTRICAL**

Built with the highest quality, long lasting Universal Voltage driver 100V-27V (347V-480V optional), and water resistant LED chips.

**OPTICAL SYSTEM**

Comes standard with Type III optics designed to reduce glare and improve light distribution through precision formed lens optics. Type IV and Type V is available.

**MOUNTING**

Multiple mounting options available: Slipfitter, square-pole mount, round-pole mount, u-bracket and trunnion mount.

**SENSOR READY**

Photocell and motion sensor available.

**DIMMING**

1-10V dimmable

**ENERGY SAVINGS**

Over 70% energy savings than traditional fixtures, low heat productions requires less maintenance and operation cost.

**LISTING**

UL Listed, DLC Premium Listed, RoHS, IP65 rated

**WARRANTY**

5 year Limited Warranty, Rated for 50,000 hours.

WATTAGE	DELIVERED LUMENS	EFFICACY
100W	14,463 @ 3000K	143 lm/W
	14,550 @ 4000K	144 lm/W
	14,725 @ 5000K	146 lm/W

**TECHNICAL SPECIFICATION**

CCT	3000K, 4000K, 5000K
CRI	70+
DIMMABLE	1-10V dimming
DISTRIBUTION	Type III (Standard), Type IV & V (Optional)
VOLTAGE	100V-277V (347V-480V optional)
SENSOR	Photocell and motion sensor capable
POWER FREQUENCY	50/60 Hz
POWER FACTOR	>0.9
THD	≤15%
WORKING TEMPERATURE	-40°F ~ 122°F
IP RATING	IP65 Wet Location
WARRANTY	5 year limited



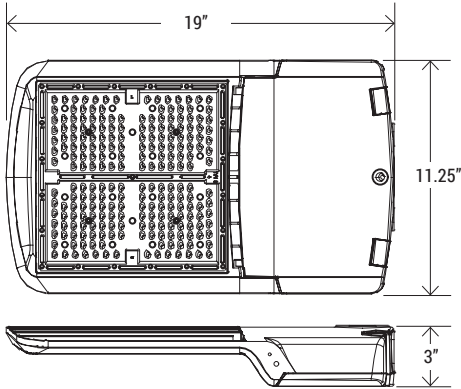
**ORDERING SAMPLE: PT-AL2N-100W-50K**

Series	Wattage	CCT	Finish	Distribution	*Mounting (Not included)		*Accessories/Options		
					Bronze	White	Photocell	Sensor	Shield
<b>PT-AL2N</b> Second Generation Area Light Series	<b>100W</b>	<b>30K</b> (3000K) <b>40K</b> (4000K) <b>50K</b> (5000K)	<b>Blank</b> (Bronze) <b>W</b> (White)	<b>Blank</b> (Type III) <b>T4</b> (Type IV) <b>T5</b> (Type V)	SF-AL2 SPM-AL2 SAM-AL2 TM-AL2 UB-AL2-1015	SF-AL2-W SPM-AL2-W SAM-AL2-W TM-AL2-W UB-AL2-1015-W	PC PC-HV	MS-UNI-MW RC-UNI-MW (Required)	SHD-AL2-1015

\*Sold separate

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**DIMENSION**



**PHOTOCELL OPTION**



PC  
Photocell  
(120V-277V)



PC-HV  
Photocell (480V)

**SENSOR OPTION**



MS-UNI-MW  
Universal Microwave Motion Sensor



RC-UNI-MW  
Remote Control (Required)

**SHIELD OPTION**



SHD-AL2-1015  
SHD-AL2-1015-W  
Shield for AL Series

**\*MOUNTING OPTION (SOLD SEPARATELY)**



SF-AL2 (-W)  
Slipfitter



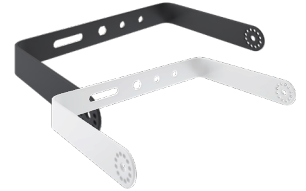
SPM-AL2 (-W)  
Adjustable Mount For  
Square/Round Pole



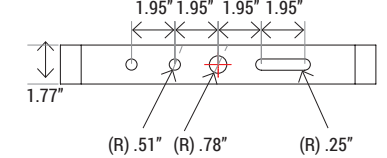
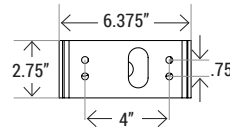
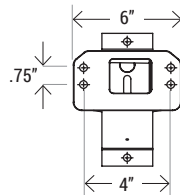
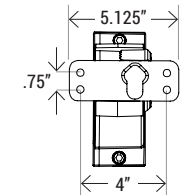
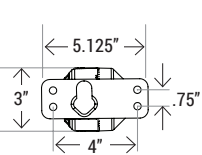
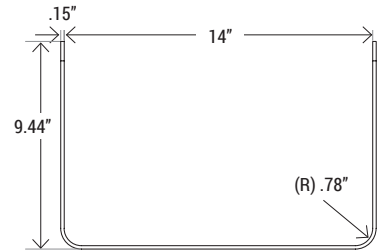
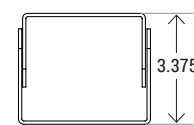
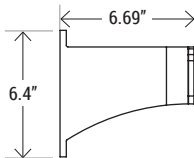
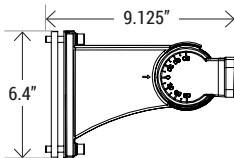
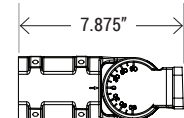
SAM-AL2 (-W)  
Straight Arm Mount for  
Square Pole



TM-AL2 (-W)  
Trunnion Mount

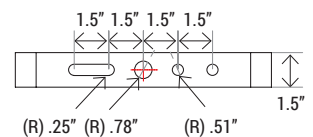
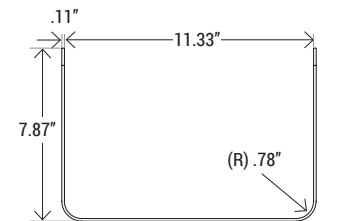


UB-AL2-1015 (-W)  
U-Bracket Mount



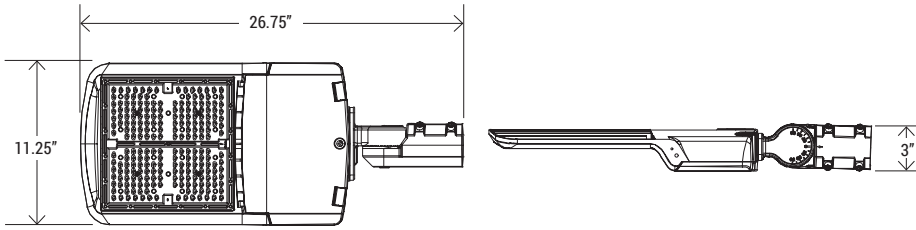
**ELECTRICAL LOAD**

WATTAGE	120V	208V	240V	277V	347V	480V
100W	0.83 Amp	0.48 Amp	0.42 Amp	0.36 Amp	0.29 Amp	0.20 Amp



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**PT-AL2-150-3P-50K-W**



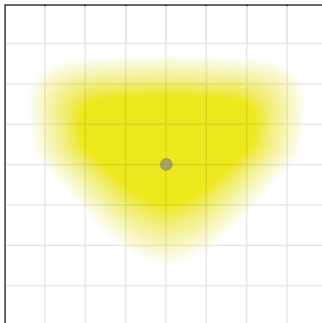
EPA	<b>0.6 ft<sup>2</sup></b>
Net Weight	11.24 lbs / 11.9 lbs
Gross Weight	13.89 lbs / 14.55 lbs
Dimension	11.25" x 26.75" x 3"

<b>B</b>	<b>U</b>	<b>G</b>
3	0	3

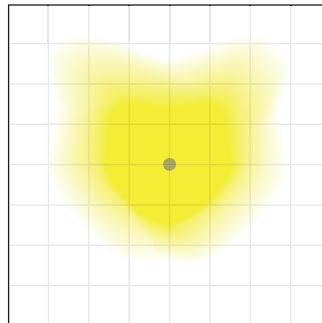
**\*WITH SLIPFITTER MOUNTING**

CONFIGURATION	1	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	4 @ 90°
EPA	<b>0.6 ft<sup>2</sup></b>	<b>1.2 ft<sup>2</sup></b>	<b>0.9 ft<sup>2</sup></b>	<b>1.5 ft<sup>2</sup></b>	<b>1.3 ft<sup>2</sup></b>	<b>1.8 ft<sup>2</sup></b>
Net Weight	11.9 lbs	23.0 lbs	23.0 lbs	35.7 lbs	35.7 lbs	47.6 lbs

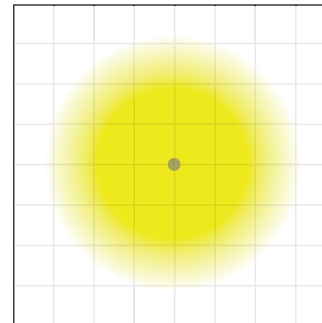
**DISTRIBUTION**



**TYPE III**  
Type III distribution provides a wide, round pattern and yields an even light disbursement since the light projects outwards.



**TYPE IV**  
Type IV has a preferred lateral width of 60° make it ideal for parking area and courtyard.



**TYPE V**  
Type V provides central circular or square design pattern, equally across all angles from a central point.

QTY/CARTON

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PIECE



CATALOG NUMBER	CCT	DELIVERED LUMENS	EFFICACY	DLC PRODUCT ID	CLASSIFICATION
PT-AL2N-100W	3000K	14,463	143 lm/W	S-0RN4U6	PREMIUM
	4000K	14,550	144 lm/W	S-WCFQNI	
	5000K	14,725	146 lm/W	S-9W0V6K	