

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

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	14,241	144 lm/W
120W	17,400	145 lm/W
150W	21,128	143 lm/W

TECHNICAL SPECIFICATION

CCT	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



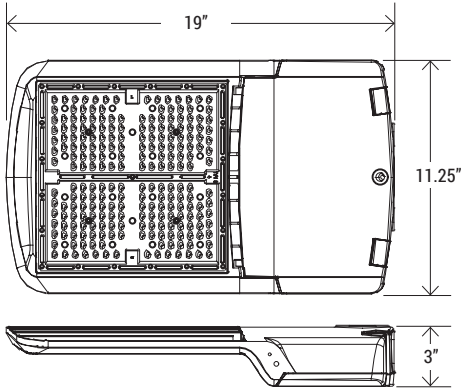
ORDERING SAMPLE: PT-AL2-150-3P-50K-W

Series	Wattage	CCT	Finish	Distribution	*Mounting (Not included)		*Accessories/Options		
					Bronze	White	Photocell	Sensor	Shield
PT-AL2 Second Generation Area Light Series	150-3P (100W/ 120W/ 150W)	50K (5000K)	Blank (Bronze) W (White)	Blank (Type III) T4 (Type IV) T5 (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 SHD-AL2-1015-W

*Sold separate

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DIMENSION



100W / 120W / 150W

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
(100W/150W)
Shield for AL Series

***MOUNTING OPTION (SOLD SEPARATELY)**



SF-AL2 (-W)
Slipfitter



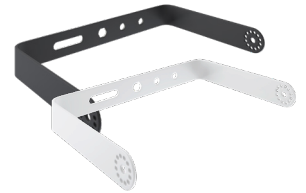
SPM-AL2 (-W)
Adjustable Mount For
Square/Round Pole



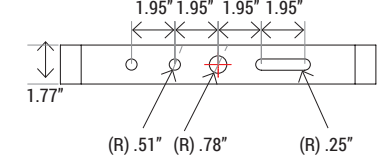
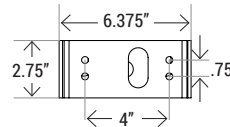
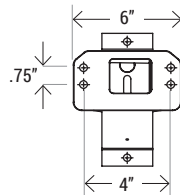
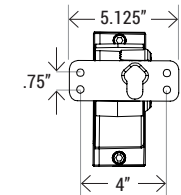
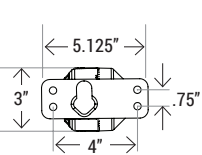
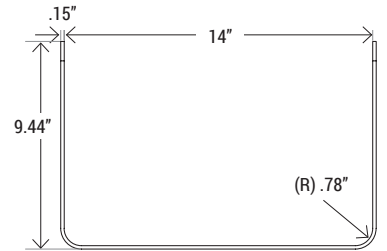
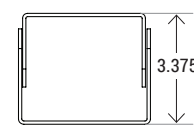
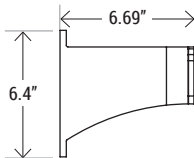
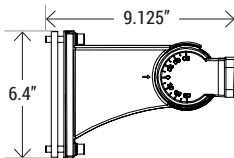
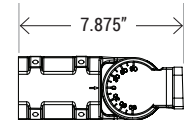
SAM-AL2 (-W)
Straight Arm Mount for
Square Pole



TM-AL2 (-W)
Trunnion Mount

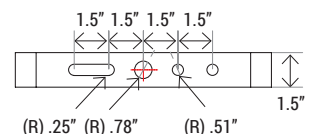
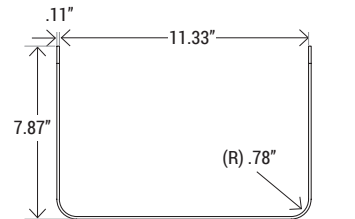


UB-AL2-1015 (-W)
U-Bracket Mount



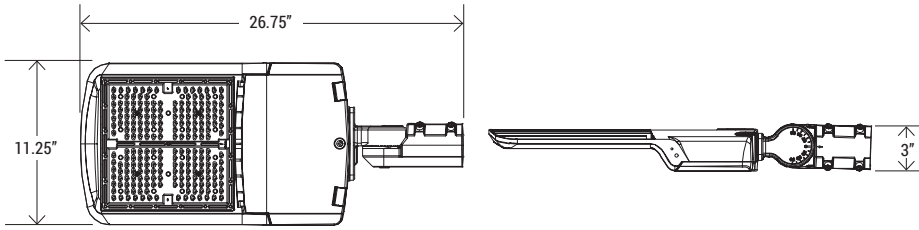
ELECTRICAL LOAD

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
120W	1.0 Amp	0.57 Amp	0.5 Amp	0.43 Amp	0.34 Amp	0.25 Amp
150W	1.25 Amp	0.72 Amp	0.63 Amp	0.54 Amp	0.43 Amp	0.31 Amp



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



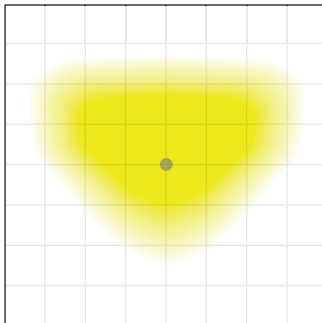
EPA	0.6 ft²
Net Weight	11.24 lbs / 11.9 lbs
Gross Weight	13.89 lbs / 14.55 lbs
Dimension	11.25" x 26.75" x 3"

B	U	G
3	0	3

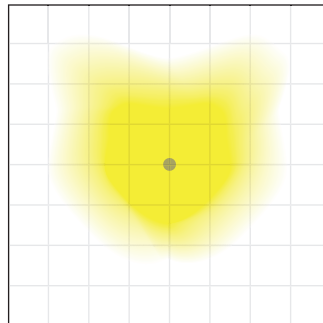
***WITH SLIPFITTER MOUNTING**

CONFIGURATION	1	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	4 @ 90°
EPA	0.6 ft²	1.2 ft²	0.9 ft²	1.5 ft²	1.3 ft²	1.8 ft²
Net Weight	11.9 lbs	23.0 lbs	23.0 lbs	35.7 lbs	35.7 lbs	47.6 lbs

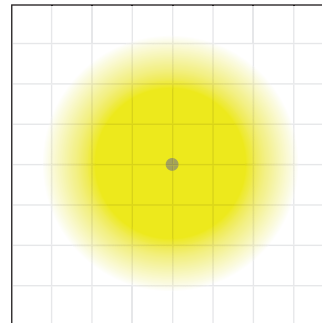
DISTRIBUTION



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	WATTAGE	DELIVERED LUMENS	EFFICACY	DLC PRODUCT ID	CLASSIFICATION
PT-AL2-150-3P-50K	100W	14,241	144 lm/W	S-QZPTH9	PREMIUM
	120W	17,400	145 lm/W		
	150W	21,593	145 lm/W		