

SPECIFICATION SHEET

SUBJECT

LED AREA LIGHT

CUSTOMER PROJECT

Project: _____
 Type: _____
 Cat. No.: _____
 Qty: _____
 Date: _____
 EEL Rep: _____

EELighting

solutions closer to nature

Telephone: 905 415 8878 Fax Number: 905 415 8872 Toll Free Telephone: 855 415 8878 Toll Free Fax: 855 415 8872

DESCRIPTION

The LED Area Light is designed for streets, parking lots, parks, pathways and schools. IP65 waterproof - dust and water free. Suitable for outdoor, wet environments.

SPECIFICATION FEATURES

Construction

Aluminum housing for heat dissipation, great for extending the life span of light source. Photocell are optional. Microwave sensor (120-277V) is optional for 300W, 150W is pending.

Electrical

LED Area Light has a High Performance Long Life LED System complete with electrical drivers for optimal performance

Seoul LED's available in 5000K and 4000K, with a typical CRI: >70

Ambient temperature -40°C to 45°C

LED Module life is >410,000 hours @ 85°C

Electronic Drivers are available in 120-277V (SK/SS) / 277-480V (SM/SF) / 347-480V (SE)

100W, 150W & 300W - 0-10V dimmable

50W - non-dimmable

Protected against surges and transients per new ANSI C82.77-5 2015 category C medium (10KV, 1.2/50µS & 5KA, 8/20µS) standard Combo waves and (6KV, 100KHz) Ring wave

Mounting

Slipfit mount (180° adjustable)

Round pole mount

Square pole mount

Yoke mount

Finish

Shock resistant and anti-corrosion. Bronze finish. Processed through anodic oxidation treatment.

Beam Angle

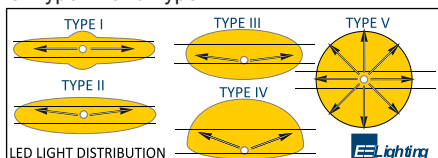
For 100W/150W/300W:

Standard Type III

Optional Type IV and Type V

For 50W:

Standard Type V only



EPA

50W – 0.382 ft²

100W – 0.544 ft²

150W – 0.717 ft²

300W – 0.87 ft²

Compliance

IP65, cETLus, DLC

Warranty

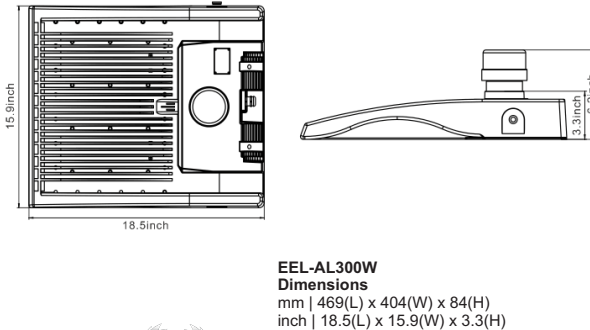
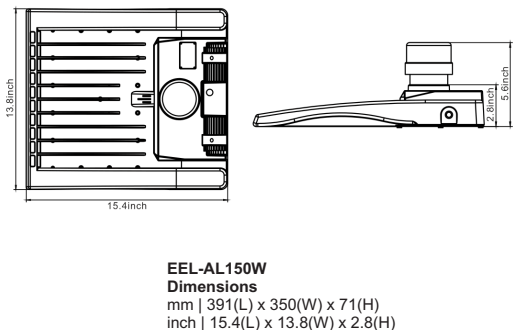
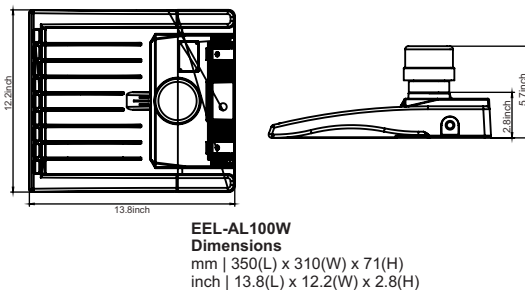
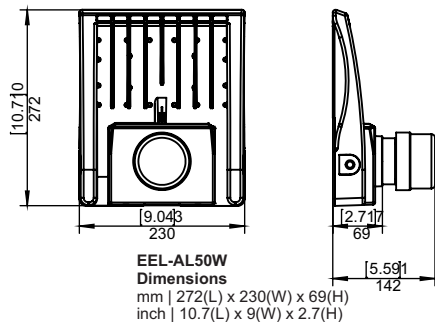
5 years for fixture

5 years for 120-277V photo cell

3 years for 347-480V photo cell



**LED
AREA LIGHT**



TOP VIEW



SIDE VIEW

NOTE: Picture above show a optional pole mount installed on fixture. All mounting accessories sold separately



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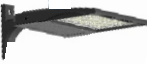
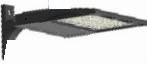


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ORDERING CODE, ENERGY AND PERFORMANCE DATA

	Model No.	Delivered Lumens	Input Watts (W)	Voltage (V)	Colour Temp. (K)	Efficacy (lm/W)	Certification	Type
	EEL-AL50W-50K-90-SS	6624	52	120-277	5000K	128		Standard
	EEL-AL50W-50K-90-SM *	6736	48	277-480	5000K	140		Standard
	EEL-AL50W-40K-90-SS	6518	52	120-277	4000K	126		Standard
	EEL-AL50W-40K-90-SM *	6643	48	277-480	4000K	138		Standard
	EEL-AL100W-50K-III-SK	13701	99	120-277	5000K	139		Standard
	EEL-AL100W-50K-III-SF *	13665	101	277-480	5000K	135		Standard
	EEL-AL100W-40K-III-SK	13566	99	120-277	4000K	138		Standard
	EEL-AL100W-40K-III-SF *	13443	101	277-480	4000K	133		Standard
	EEL-AL150W-50K-III-SK	20758	145	120-277	5000K	143		Standard
	EEL-AL150W-50K-III-SE	20249	143	347-480	5000K	142		Standard
	EEL-AL150W-40K-III-SK	20553	145	120-277	4000K	142		Standard
	EEL-AL150W-40K-III-SE	20249	143	347-480	4000K	142		Standard
	EEL-AL300W-50K-III-SK	46009	318	120-277	5000K	145		Standard
	EEL-AL300W-50K-III-SE	42137	291	347-480	5000K	145		Standard
	EEL-AL300W-40K-III-SK	45553	318	120-277	4000K	143		Standard
	EEL-AL300W-40K-III-SE	42137	291	347-480	4000K	145		Standard

* DLC pending

NOTE:

- Lumens are estimated
- Lumens may vary based on lens option
- DLC qualified may not apply to all versions within a model. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

Lumen Output	Lens Type	Back Light (B)	Up Light (U)	Forward Light (G)
100W	III	3	2	3
	IV	3	2	3
	V	3	2	1
150W	III	3	2	3
	IV	3	2	3
	V	4	2	1
300W	III	5	3	4
	IV	5	2	4
	V	4	2	4

OPTIONAL ACCESSORIES

EEL-AL-SLIP FITTER (50W) | Slipfitter for 50W AL
 EEL-AL-SLIP FITTER | Slipfitter for 100W, 150W and 300W AL
 EEL-AL-EXTRUDED ARM (50W) | Round/Square Pole Mounting Arm for 50W AL
 EEL-AL-EXTRUDED ARM | Round/Square Pole Mounting Arm for 100W, 150W and 300W AL
 EEL-AL-U BRACKET (50W) | Yoke Mounting Bracket for 50W AL
 EEL-AL-U BRACKET (100W) | Yoke Mounting Bracket for 100W AL
 EEL-AL-U BRACKET (150W) | Yoke Mounting Bracket for 150W AL
 EEL-AL-U BRACKET (300W) | Yoke Mounting Bracket for 300W AL
 EEL-AL-MIC SEN (300W) installed | Microwave Sensor for 300W AL (on/off and tri-level function)



Please allow for tolerance on specifications and dimensions.
 If required, please consult EEL.

www.eelighting.ca

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MOUNTING ACCESSORIES

Slipfit mount, yoke mount, round / square pole mount are mounting options for the EEL LED Area Light.
All mounting accessories are sold separately.

Slipfitter



EEL-AL-SLIP FITTER

Yoke Mount Bracket



EEL-AL-U BRACKET

Pole Mounting Arms
(An additional accessory is included
for square pole mounting)

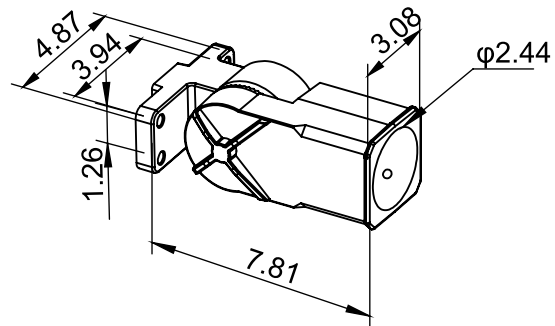


EEL-AL-EXTRUDED ARM

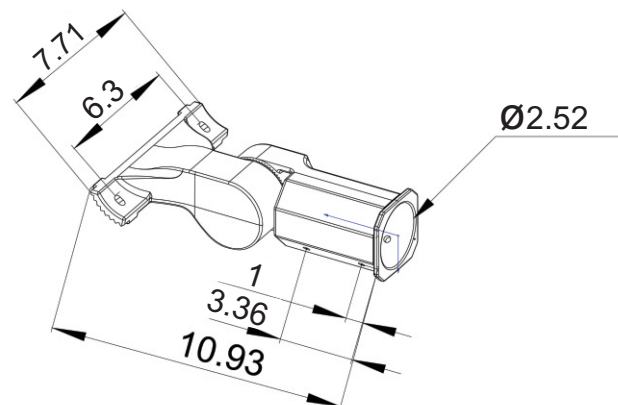
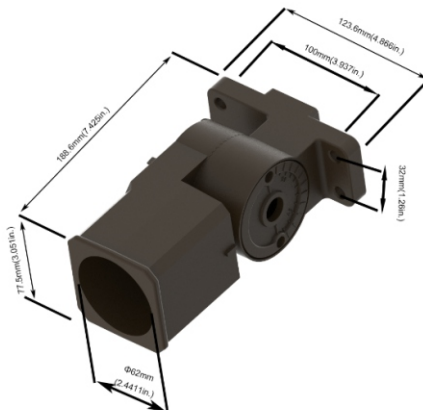
Option 1: Slipfitter (180° adjustable)



EEL-AL-SLIP FITTER

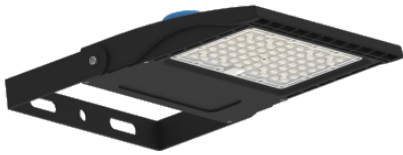


FOR 50W AL

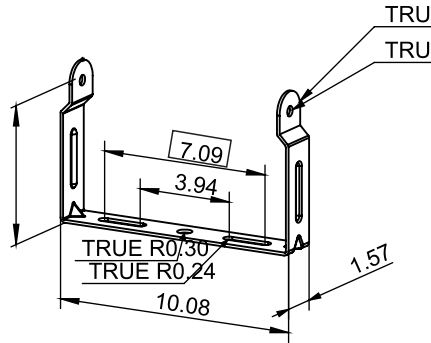


FOR OTHER AL MODELS

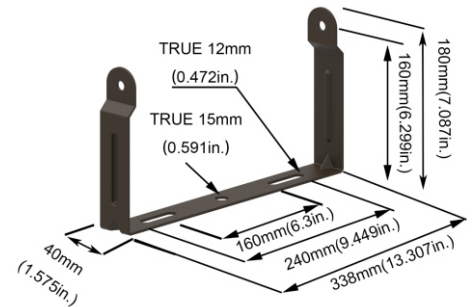
Option 2: Yoke Mount Bracket



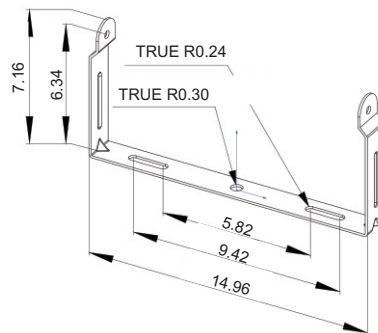
EEL-AL-U BRACKET (150W)
EEL-AL-U BRACKET (300W)



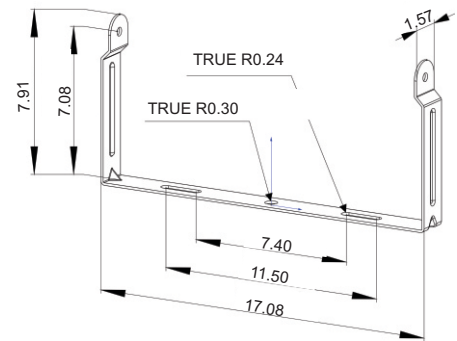
FOR 50W AL



FOR 100W AL



FOR 150W AL

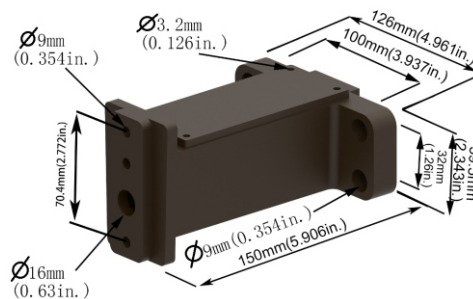
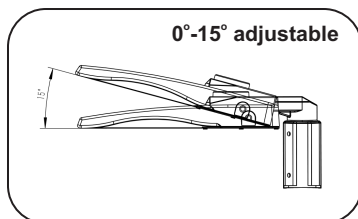


FOR 300W AL

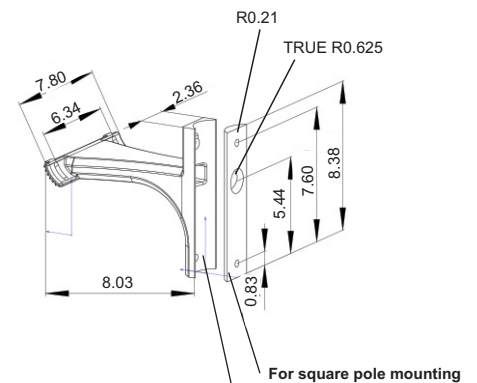
Option 3: Pole Mounting Arms



EEL-AL-EXTRUDED ARM



FOR 50W AL



FOR OTHER AL MODELS

Note: Measurement in inches

