

SPECIFICATION SHEET	
SUBJECT	
LED AREA LIGHT	
CUSTOMER PROJECT	
Project:	_____
Type:	_____
Cat. No.:	_____
Qty:	_____
Date:	_____
EEL Rep:	_____



LED AREA LIGHT

AREA LIGHT SERIES

Area Light	
Wattage(s)	50W, 100W, 150W, 300W
Voltage	120-277V 277-480V (50W, 100W) 347-480V (150W,300W)
Dimming	50W - Non-dimmable 100W, 150W, 300W - Not Available
Inherent Surge Protection	10kV
CRI	>70
Efficacy	Up to 140lm/W
Lumen Maintenance	Theoretical L70 > 410,000h @ 85°C
Operating Temperature	-40°C to 45°C



Heat Sink

SIDE VIEW



TOP VIEW



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 great for heat dissipation
- Shock resistant and anti-corrosion
- Photocell are optional

Mounting

- Slipfit mount (180° adjustable)
- Round pole mount
- Square pole mount
- Yoke mount
- Optimal performance is best achieved when mounting this fixture >4 feet from ground with the LED panel facing downwards (with a tilt angle less than 90°).
- For upward facing applications, where the tilt angle is greater than 90°, silicone glue must be applied around the gap between the shorting cap (or photocell) and the receptacle.

Compliance

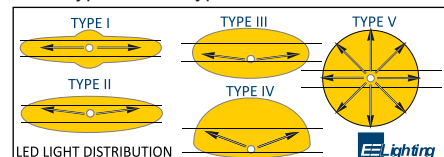
- cETLus
- IP65
- IK10 (Impact Protection)

Finish.

- 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

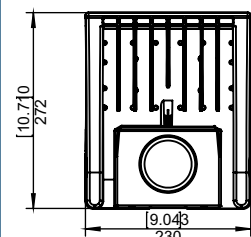


EPA

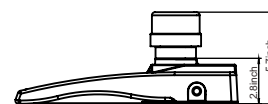
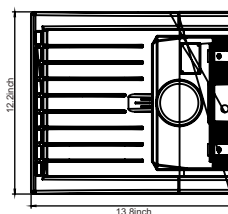
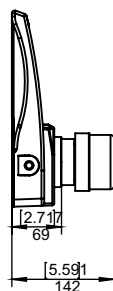
- 50W – 0.382 ft²
- 100W – 0.544 ft²
- 150W – 0.717 ft²
- 300W – 0.87 ft²

Warranty

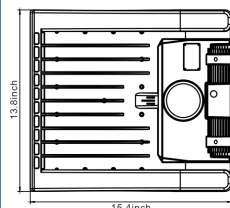
- 1-Year Warranty



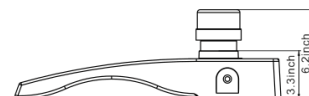
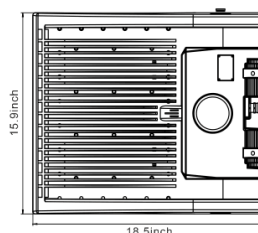
EEL-AL50W
Dimensions
mm | 272(L) x 230(W) x 69(H)
inch | 10.7(L) x 9(W) x 2.7(H)



EEL-AL100W
Dimensions
mm | 350(L) x 310(W) x 71(H)
inch | 13.8(L) x 12.2(W) x 2.8(H)



EEL-AL150W
Dimensions
mm | 391(L) x 350(W) x 71(H)
inch | 15.4(L) x 13.8(W) x 2.8(H)



EEL-AL300W
Dimensions
mm | 469(L) x 404(W) x 84(H)
inch | 18.5(L) x 15.9(W) x 3.3(H)

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

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ORDERING CODE, ENERGY AND PERFORMANCE DATA

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

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-DSSENSOR120277V | Photo Cell for AL Series (120-277V)
 EEL-AL-DSSENSOR347 | Photo Cell for AL Series (347V)

MOUNTING ACCESSORIES (Sold Separately)

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)

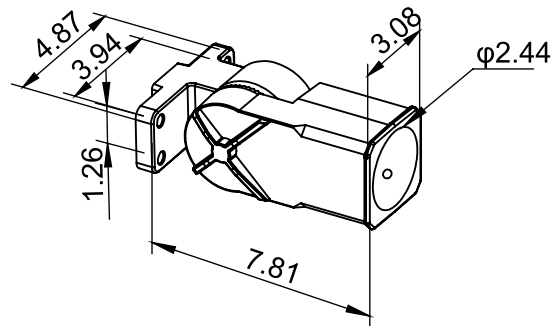


EEL-AL-EXTRUDED ARM

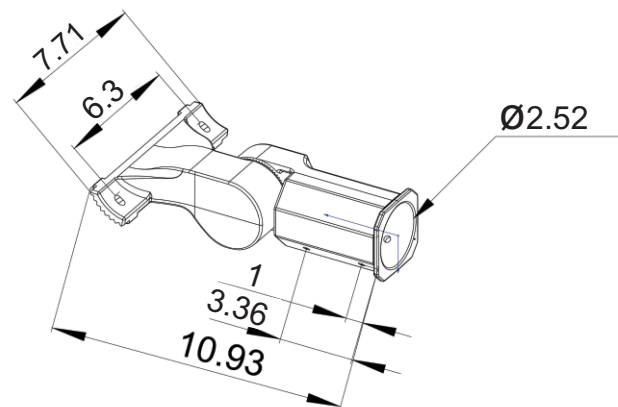
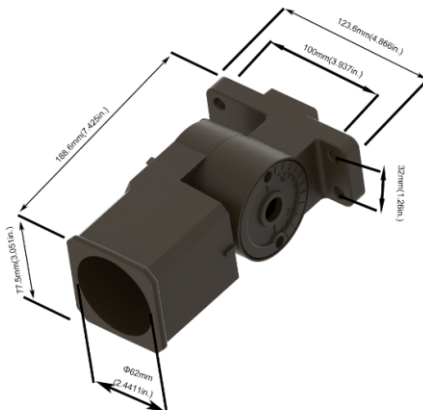
Option 1: Slipfitter (180° adjustable)



EEL-AL-SLIP FITTER



FOR 50W AL

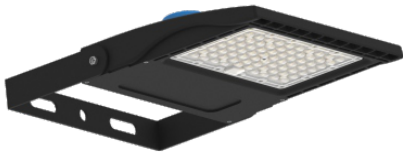


FOR OTHER AL MODELS

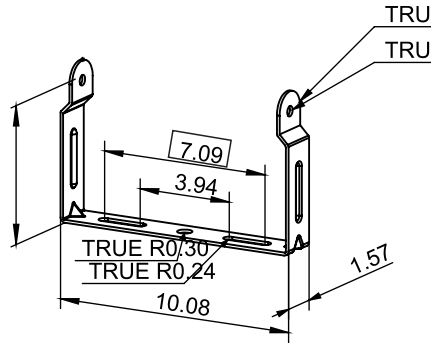
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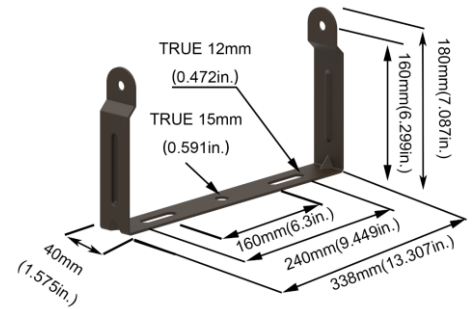
Option 2: Yoke Mount Bracket



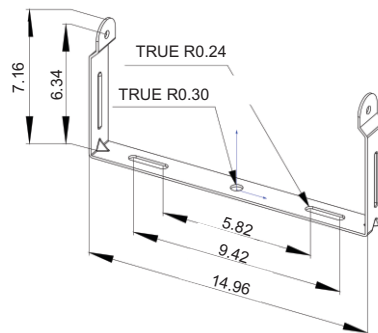
EEL-AL-U BRACKET (150W)
EEL-AL-U BRACKET (300W)



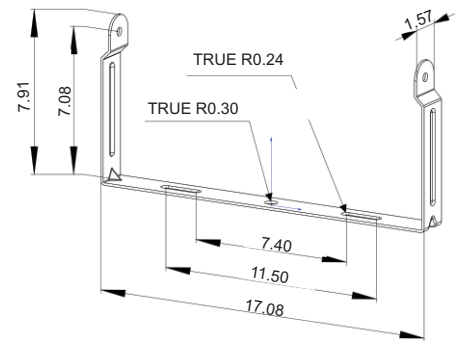
FOR 50W AL



FOR 100W AL



FOR 150W AL

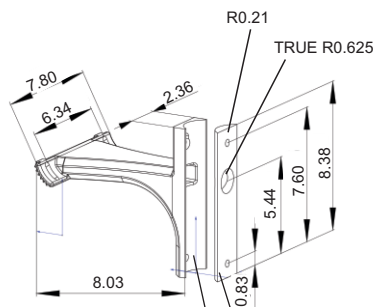


FOR 300W AL

Option 3: Pole Mounting Arms



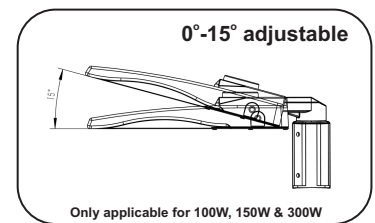
EEL-AL-EXTRUDED ARM



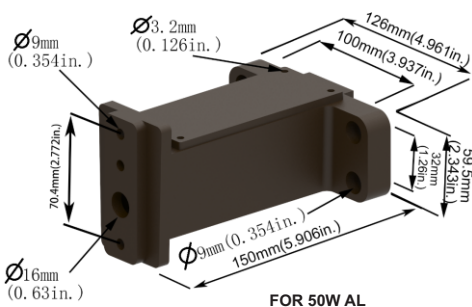
For square pole mounting

Diameter of pole is 2.36" (60mm)

FOR OTHER AL MODELS



Only applicable for 100W, 150W & 300W



FOR 50W AL

Note: Measurement in inches