

# AG ALL GREEN LIGHTING, INC.

## FL-LED-L Series (60W-350W)

### Product Description:

The FL-LED-L provides up to 60% in energy savings and in its solid state, the fixture is highly resistant to shock and vibration. The luminaire has been nationally lab tested in accordance with IES standards. The fixture's housing is designed to create efficient air flow across the heat sink to provide efficient cooling for the LED light source. The FL-LED-L uses fold-fin heat sink technology and uses low LED junction temperature thin aluminum sheets which are light weight, efficient, and cover a large total surface area. The housing is made of die cast aluminum & tempered glass lens.

### Features:

- **Application:** LED High Mast Flood, Billboards, etc.
- **Natatorium Rated Option:** Corrosion-resistant paint and stainless steel hardware to withstand the impact of chlorine (optional accessory)
- **Warranty:** 5 Years
- **Long Life:** 100,000 + calculated hours / 12 Hrs per day for ~ 10 yrs
- **LED Driver:** Meanwell or Inventronics
- **Operating Temperature:** -40°F ~ 122°F
- **Certifications:** ETL (60W-350W) & DLC (200W - 40K & 50K)
- **Installation:** Yoke or Slipfitter

### Technical Data:

LED Source	Philips Lumileds / Cree / Osram
CRI	≥ 70 or ≥ 80
IP Rating	IP65 (Luminaire) IP66 (Light Engine) IP67 (Driver)
CCT	2700K ~ 6500K
Input Voltage	90-305V or 347-480V
Power Factor	>0.95



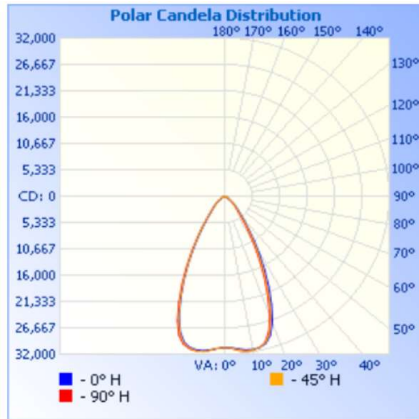
### Specifications:

\*Chart based on 5000K @ 85°x135°

Fixture Model	LED Chips	Total Lumens	Efficacy (lm/w)	Weight (lb)	Dimensions (inches)	EPA	Cert	Beam Angle
FL-LED-L-60W	Lumileds	7,277.2 lm	>121 lm/W	11	14.4 x 12.9 x 9.6	0.76 ft <sup>2</sup>	ETL	15° x 15° 30° x 30° 40° x 40° 60° x 60° 90° x 90° 60° x 90° 60° x 135° 85° x 45° 85° x 90° 85° x 135°
FL-LED-L-80W		9,703 lm	>121 lm/W	13.2	14.4 x 15.2 x 9.6	0.9 ft <sup>2</sup>	ETL	
FL-LED-L-100W		12,128.7 lm	>121 lm/W	14.3	14.4 x 15.2 x 9.6	1.1 ft <sup>2</sup>	ETL	
FL-LED-L-150W		17,586.6 lm	>117 lm/W	17.6	14.4 x 19.96 x 9.6	1.47 ft <sup>2</sup>	ETL	
FL-LED-L-200W		24,257.4 lm	>121 lm/W	17.6	14.4 x 19.96 x 9.6	1.47 ft <sup>2</sup>	ETL	
FL-LED-L-250W		29,715.3 lm	>118 lm/W	19.8	14.4 x 22.3 x 9.6	2.5 ft <sup>2</sup>	ETL	
FL-LED-L-300W		35,173.2 lm	>117 lm/W	37.4	23.9 x 20.1 x 14.5	2.5 ft <sup>2</sup>	ETL	
FL-LED-L-350W		41,844 lm	>119 lm/W	38.5	23.9 x 20.1 x 14.5	2.5 ft <sup>2</sup>	ETL	
FL-LED-L-200W/DLC	CREE XPG3	26,519.5 lm	>132 lm/W	17.6	14.4 x 19.96 x 9.6	1.47 ft <sup>2</sup>	ETL/DLC	

## Photometrics:



### FL-LED-L-250W-5K/60x60



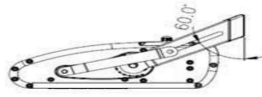
	Center Beam fc	Beam Width	
9.7ft	326 fc	9.7 ft	9.8 ft
19.3ft	82.3 fc	19.4 ft	19.5 ft
29.0ft	36.4 fc	29.1 ft	29.3 ft
38.7ft	20.5 fc	38.8 ft	39.1 ft
48.3ft	13.1 fc	48.5 ft	48.8 ft
58.0ft	9.11 fc	58.2 ft	58.7 ft

■ Vert. Spread: 53.3°  
■ Horiz. Spread: 53.6°

## Ordering Guide:

FL-LED-L-60W	90-305V	BL	50K	60 x 60	YOKE	
<b>Wattage:</b> 60W 80W 100W 150W 200W 250W 300W 350W	<b>Voltage:</b> 90-305V 347-480V	<b>Color:</b> [BL]: Black (RAL:9023) [GR]: Gray (RAL:9006) [WH]: White (RAL:9016) [BR1]: Bronze (RAL:8019) [BR2]: Bronze (RAL:8028)	<b>CCT:</b> 27K 30K 40K 50K 57K 65K	<b>Beam Angle:</b> 15°x 15° 30°x 30° 40°x 40° 60°x 60° 60°x 90° 60°x 135° 90°x 90° 85°x 45° 85°x 90° 85°x 135°	<b>Mounting:</b> Yoke  Slipfitter 	<b>Optional Accessories*:</b> See Codes Below (Additional Costs May Apply)

## Accessory Codes\*:

<b>DM:</b> 1-10V	<b>GS1:</b> Glare Shield 1
<b>DALI:</b> DALI Dimming	
<b>10kV:</b> 10kV Surge Protector	<b>GS2:</b> Glare Shield 2
<b>20kV:</b> 20kV Surge Protector	
<b>__ FC:</b> "X" foot cord	<b>TMB:</b> Tilt Mount Bracket
<b>3PC/5PC/7PC:</b> 3 / 5 / 7 Pin Photocell	
<b>MS:</b> Motion Sensor	
<b>WG:</b> Wire Guard	
<b>NR:</b> Natatorium Finish	
<b>316SS:</b> 316 Stainless Steel Bracket and Screws	