

FL-LED-L 5050 Series (60W-350W)

Product Description:

Introducing the **FL-LED-L 5050 Series**, a new evolution of AGL's popular FL-LED-L model. The FL-LED-L 5050 utilizes Lumiled 5050 LED chips for a powerful lumen output and redesigned housing structure that provides a smaller, more compact body that is lighter and less bulky than before. The FL-LED-L 5050 still incorporates the unique fold fin heatsink technology that greatly reduces thermal density and maintains low LED junction temperatures, as well as providing a full range of optics to fulfill a variety of lighting applications.

Features:

- **Application:** LED High Mast Flood, Billboards, etc.
- **Warranty:** 5 Years
- **Long Life:** 100,000+ hours
- **LED Chip:** Lumileds 5050
- **LED Driver:** Meanwell / Inventronics
- **Operating Temperature:** -40°F ~ 122°F
- **Lens:** Wide variety of optics - asymmetrical / symmetrical
- **Certifications:** ETL

Technical Data:

Input Voltage	90-305V or 347-480V
CRI	≥ 70 (CRI 80 & 90 available)
IP Rating	IP65 (Luminaire) IP66 (Light Engine) IP65 (Driver)
CCT	2700K, 3000K, 4000K, 5000K, 5700K, 6000K
Power Factor	>0.90

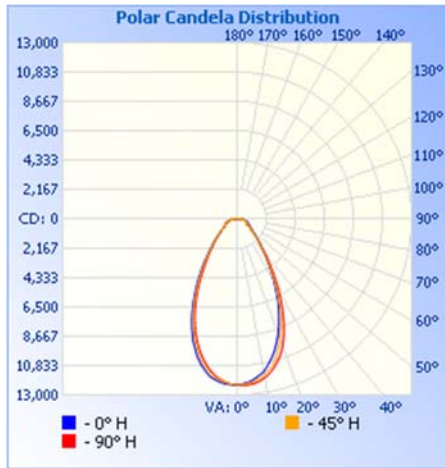
Specifications:

*Chart based on 85°x 90° optics

Fixture Model	Total Lumens *	Efficacy (lm/w)	Weight (lb)	Dimensions (inches)	EPA	Beam Angle
FL-LED-L 60W 5050	9,263 lm	>154.3 lm/W	14.3	12.9 x 3.6 x 14.4	0.9 ft ²	30° x 30° 45° x 45° 60° x 60° 75° x 75° 60° x 135° 60° x 90° 85° x 45° 85° x 90° 85° x 135°
FL-LED-L 80W 5050	12,540 lm	>156.7 lm/W	15.4	12.9 x 3.6 x 14.4	0.9 ft ²	
FL-LED-L 100W 5050	15,675 lm	>156.7 lm/W	16.5	15.2 x 3.6 x 14.4	1.1 ft ²	
FL-LED-L 120W 5050	18,110 lm	>150.9 lm/W	17.6	15.2 x 3.6 x 14.4	1.1 ft ²	
FL-LED-L 150W 5050	23,513 lm	>156.7 lm/W	17.6	15.2 x 3.6 x 14.4	1.1 ft ²	
FL-LED-L 200W 5050	31,350 lm	>156.7 lm/W	19.8	19.9 x 3.6 x 14.4	1.47 ft ²	
FL-LED-L 250W 5050	37,050 lm	>148.2 lm/W	19.8	19.9 x 3.6 x 14.4	1.47 ft ²	
FL-LED-L 300W 5050	43,320 lm	>144.4 lm/W	23.1	22.3 x 3.6 x 14.4	1.65 ft ²	
FL-LED-L 350W 5050	53,438 lm	>152.6 lm/W	38.5	20.9 x 3.6 x 24.4	2.5 ft ²	





Photometrics (100W/60°x60°):





	Center Beam fc	Beam Width	
9.7ft	130 fc	10.9 ft	11.0 ft
19.3ft	32.9 fc	21.8 ft	22.0 ft
29.0ft	14.6 fc	32.7 ft	33.0 ft
38.7ft	8.19 fc	43.6 ft	44.0 ft
48.3ft	5.26 fc	54.4 ft	54.9 ft
58.0ft	3.64 fc	65.4 ft	66.0 ft

■ Vert. Spread: 58.8°
■ Horiz. Spread: 59.3°

Ordering Guide:

FL-LED-L 60W 5050	90-305V	BL	50K	85 x 135	YOKE	
Wattage: 60W-5050 80W-5050 100W-5050 120W-5050 150W-5050 200W-5050 250W-5050 300W-5050 350W-5050	Voltage: 90-305V 347-480V	Color: [BL]: Black (RAL:9023) [GR]: Gray (RAL:9006) [WH]: White (RAL:9016) [BR1]: Bronze (RAL:8019) [BR2]: Bronze (RAL:8028)	CCT: 27K 30K 40K 50K 57K 65K	Beam Angle: 30° x 30° 45° x 45° 60° x 60° 75° x 75° 60° x 135° 60° x 90° 85° x 45° 85° x 90° 85° x 135°	Mounting: Yoke  Slipfitter 	Optional Accessories*: See Codes Below (Additional Costs May Apply)

Accessory Codes*:

DM: 1-10V	GS1: Glare Shield 1
DALI: DALI Dimming	
10kV: 10kV Surge Protector	
20kV: 20kV Surge Protector	
CRI80 / CRI90	GS2: Glare Shield 2
__ FC: "X" foot cord	
3PCR/5PCR/7PCR: 3 / 5 / 7 Pin Receptacle	
MS: Motion Sensor	
WG: Wire Guard	
NR: Natatorium Finish	TMB: Tilt Mount Bracket
316SS: 316 Stainless Steel Bracket and Screws	