

AG ALL GREEN LIGHTING, INC.

LED High Mast: FL-LED-L Series

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 that is light weight, efficient, and covers a large total surface area. The housing is made of die cast aluminum and tempered glass lens.



Features:

- **Application:** LED High Mast Flood, Billboards, etc.
- **Warranty:** 5 Years
- **Long Life:** 100,000 + Calculated Hours / 12 Hrs per day for ~ 10 yrs
- **LED Driver:** Meanwell
- **Working Temperature:** -40°F ~+ 113°F
- **Lens:** Wide Variety of optics-asymmetrical and symmetrical
- **Certifications:** ETL & DLC (400W-600W)
- **Installation:** Yoke/Slipfitter (400W)
High Mast Yoke (600W)
- **Cert:** ETL / DLC (400W/600W)



Technical Data:

LED Source	Philips Lumileds / Cree / Osram
CRI	≥ 70
IP Rating	IP66
CCT	2700K ~ 6500K
Input Voltage	90-305V or *347-480V
Power Factor	>0.93

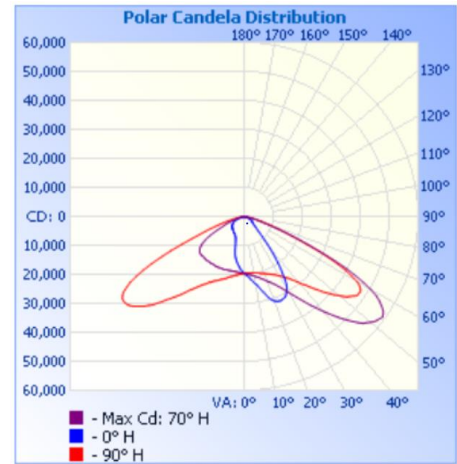
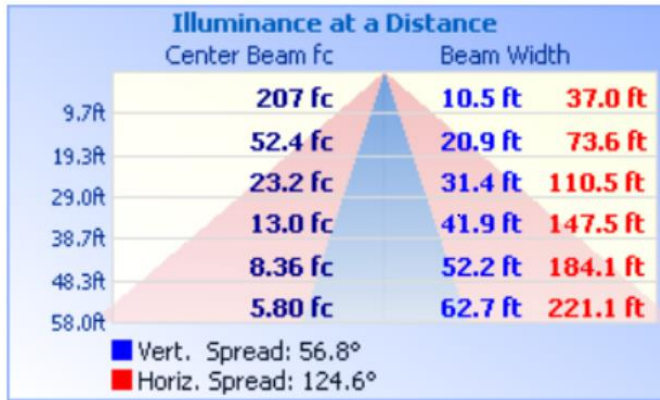


Specifications:

*Chart based on 5000K @ 85°x135°

Fixture Model	LED Chips	Total Lumens	Efficacy (lm/w)	Weight (lb)	EPA	Dimensions (inches)	Beam Angle
FL-LED-L-400W	Lumileds Luxeon T	48,514.9 lm	>121 lm/W	41.8	2.8 ft ²	23.9 x 22.5 x 14.5	15° x 15° 30° x 30° 40° x 40°
FL-LED-L-600W		70,346.5 lm	>117 lm/W	60.5	4.1 ft ²	23.9 x 31.9 x 14.5	60° x 60° 60° x 90° 90° x 90°
FL-LED-L-400W/DLC	CREE XPG3	53,704.5 lm	>134 lm/W	41.8	2.8 ft ²	23.9 x 22.5 x 14.5	60° x 135° 85° x 45°
FL-LED-L-600W/DLC		79,067.8 lm	>131 lm/W	60.5	4.1 ft ²	23.9 x 31.9 x 14.5	85° x 90° 85° x 135°

Photometrics (600W/50K/85x135):

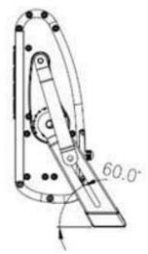


Ordering Guide:


FL-LED-L-400W	BL	90-305V	50K	85 x 135	YOKE	[DM][PC][SB]
Wattage: 400W 600W	Color: [BL]: Black (RAL:9023) [GR]: Gray (RAL:9006) [WH]: White (RAL:9016) [BR1]: Bronze (RAL:8019) [BR2]: Bronze (RAL:8028)	Voltage: 90-305V 480V-Integral Driver*	CCT: 27K: 2700K 30K: 3000K 40K: 4000K 50K: 5000K 57K: 5700K 65K: 6500K	Beam Angle: 15° x 15° 30° x 30° 40° x 40° 60° x 60° 90° x 90° 60° x 90° 85° x 45° 85° x 90° 85° x 135°	Mounting: Yoke: Standard Slipfitter* High Mast Yoke*	Optional Accessories: See Codes Below

Accessory Codes:

[SB]: 316 Stainless Steel Bracket* (400W-600W)	[PC]: Photocell	[FR]: Frosted	[10kv]: 10kV Surge
[TMB]: Tilt Mounting Bracket*	[GS1][GS2]: Glare Shield 1 or 2 for the (600W)*	[480ST]: 480 Stepdown Transformer*	



Type 2



Type 1

