

LED Small Flood Light Series



MLFLXXDLED50

The LED Small Flood Lights are efficient, energy saving replacements for metal halide and quartz halogen fixtures, containing an integral listed driver.

The fixtures can mount at a broad range of angles with a yoke style arm and a 1/2" NPT threaded nipple.

FEATURES:

- Replaces 100 watt quartz halogen through 175 watt metal halide fixtures
- CCT: 5000K
- CRI > 65
- Black ceramic paint frit lens mask reduces glare and improves appearance
- Universal 120 to 277V, 50/60 Hz driver
- 1/2" NPT threaded nipple included
- Constructed without any hazardous materials
- Compatible with mechanical relay type Photocell and occupancy sensor
- LM-79/80 reports available
- DesignLights Consortium® qualified
- 50,000 hour rated life at L70 standards
- Five year limited warranty
- Wide and narrow distributions

MOUNTING:

All models come standard with a yoke and a 1/2" NPT strain relief fitting for easy installation

CONSTRUCTION:

Fixture: The heavy duty cast aluminum two-piece housing is polyester TGIC powder-coated for long durability, rust and corrosion resistance and IP65-rated to seal out water, dust and insects.

Lens: Tempered glass with black frit mask for reduced glare and improved finish. Polycarbonate lens available as an option.

LED Module: Copper plating provides high thermal transfer rate, minimizing the junction temperature of the LEDs.

Finish: Dark Bronze

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	FIXTURE SCHEDULE



ORDERING MODEL LOGIC: Typical Order Example: MLFL25LED50WP/N

FAMILY	WATTAGE (NOMINAL)	CCT	FINISH	LENS	BEAM
MLFL	15 = 15W 25 = 15W 45 = 15W	LED50 = 5000K	BLANK = Bronze W = White ¹	BLANK = Glass P = Polycarbonate	BLANK = Wide /N = Narrow

¹Available only in 15W



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GENERAL SPECIFICATIONS:

ITEM	SPECIFICATION	DETAILS
General Performance	Color Temperature (CCT)	5000K
	L70 Rating	50,000 hrs.
	Color Rendering Index (CRI)	68
Electrical	Power Factor	Over 97%
	Input Voltage	120V-277V 50/60 Hz
Physical	Housing	Aluminum
	Lens	Tempered Glass*
	Mounting	Yoke with 1/2" threaded fitting
	Operating Temperature	-30F to 130F
Certification	Certification	cETLus, FCC, LM-79, LM-80, DLC
	Material Usage	RoHS compliant no mercury
	Environment	IP65
	Humidity	20% - 85% RH, non condensing
	Warranty	5 year



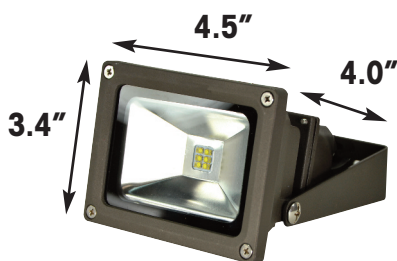
1/2" threaded nipple allow for easy installation to weather proof boxes or landscape mounting posts.

*Polycarbonate lens available as an option

SPECIFICATION	WIDE OPTICS			NARROW OPTICS		
	MLFL15LED50	MLFL25LED50	MLFL45LED50	MLFL15LED50/N	MLFL25LED50/N	MLFL45LED50/N
Lumens	1160	1670	3620	1100	1730	3360
Efficacy	87 lm/W	78 lm/W	91 lm/W	79 lm/W	81 lm/W	80 lm/W
Power Consumption	13 W	21 W	40 W	14 W	21 W	42 W
Beam Angle (H x V)	101°x110°	105°x99°	105°x108°	74°x75°	74°x74°	72°x75°
Field Angle (H x V)	126°x142°	126°x125°	137°x143°	93°x93°	94°x92°	92°x93°

DIMENSIONS:

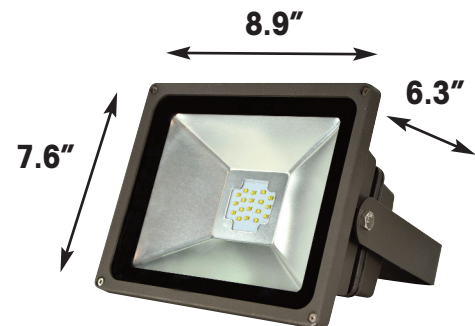
(Showing wide beam version)



MLFL15LED50 and /N



MLFL25LED50 and /N



MLFL45LED50 and /N

