

MLFL Small Flood Lights



LED Small Flood Light Series

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
- Delivered lumens: 15W: 1160
25W: 1670
45W: 3620
- CCT: 5000K
- CRI > 68
- 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

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	FIXTURE SCHEDULE



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

MOUNTING:

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

Luminaire Ordering Information:



Watts	Order Number	Model Number	Lumens	CRI	CCT	L70 (Hrs)	Dimensions (H"xW"xD")
15	72247	MLFL15LED50	1160	68	5000	50,000	3.4"x4.5"x4.0"
25	72248	MLFL25LED50	1670	68	5000	50,000	5.6"x7.1"x5.4"
45	72249	MLFL45LED50	3620	68	5000	50,000	7.6"x8.9"x6.3"

†Preliminary data

*DesignLights in process

MAX13104

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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

* Polycarbonate lens available as an option

SPECIFICATION	Wide Optics		
	MLFL15LED50	MLFL25LED50	MLFL45LED50
Lumens	1160	1670	3620
Efficacy	87 lm/W	78 lm/W	91 lm/W
Power Consumption	13 W	21 W	40 W
Beam Angle (H x V)	101°x110°	105°x99°	105°x108°
Field Angle (H x V)	126°x142°	126°x125°	137°x143°

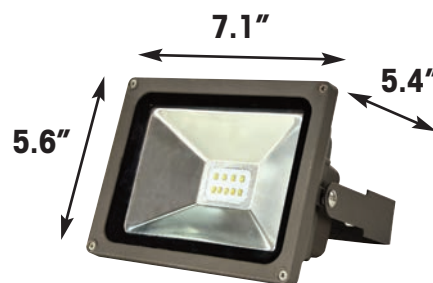
Lighting layouts and spacing criteria available upon request

†Preliminary data

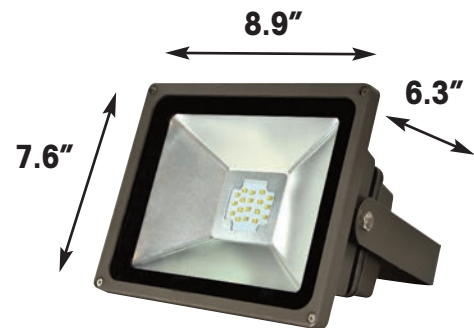
DIMENSIONS:



MLFL15LED50



MLFL25LED50



MLFL45LED50

