

# MLFL Small Flood Lights



## LED Small Flood Light Series

An efficient, energy saving replacement for metal halide and high-pressure sodium fixtures, containing an integral listed driver

Fixture can mount at any angle with yoke style arm.

### FEATURES:

- Replaces fixtures from 100 watt incandescent through 175 watt metal halide fixtures
- Delivered lumens: 14W: 950  
30W: 2150  
50W: 3550
- CCT: 5000K
- 50,000 hour life at L70 standards
- CRI: 70
- Full flood classification with ultra wide 80 degree flood beam angle. Specially designed one piece reflector houses SMD Array for more efficient projection of available light
- Yoke-mounted head with 270 degree rotation
- Self-contained integral listed driver
- Universal 120V through 277V
- Constructed without any hazardous materials
- Compatible with mechanical relay type dusk-to-dawn and occupancy sensors
- LM-79/80 data available
- 5 Year Limited Warranty
- Does not attract insects
- Black ceramic paint frit reduces glare and improves appearance

### MOUNTING:

- All models come with yoke arm standard and NPT fitting adaptor included.
- Optional 1/2" NPT elbow fitting available

### Luminaire Ordering Information:

WATTS	ORDER CODE	MODEL NUMBER	DELIVERED LUMENS	LIFE (Hrs.)	DIMENSIONS (H"xW"xD")	CCT
14	71419	MLFL14LED50	950	50,000	3.4 x 4.5 x 4.0	5000
30	71318	MLFL30LED50	2150	50,000	5.6 x 7.1 x 5.4	5000
50	71420	MLFL50LED50	3550	50,000	7.6 x 8.9 x 6.3	5000

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	ROOM SCHEDULE



### CONSTRUCTION:

**Fixture:** Heavy-duty die cast aluminum one-piece housing is polyester TGIC powder-coated for long durability, rust and corrosion proof, IP65-rated, and sealed to be dirt and bug proof.

**Lens:** Black ceramic frit on tempered glass for reduced glare and improved finish

**LED Module:** Copper plating to provide high thermal transfer rate minimizing junction temperature of LED

**Finish:** Dark Bronze

\*Other CCTs available on minimum order - 2700K through 6000K

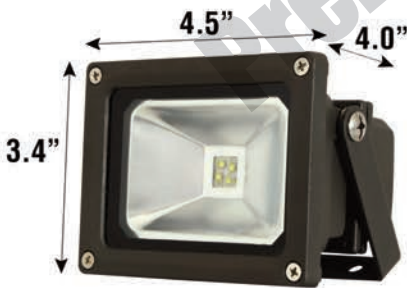


**SPECIFICATIONS:**

Item	Specification	MLFL14LED50	MLFL30LED50	MLFL50LED50
<b>General Performance</b>	Spacing Criteria	Available upon request	Available upon request	Available upon request
	Color Temperature	5000K	5000K	5000K
	Initial Lumens	1680	3600	6000
	Delivered Lumens	950	2150	3550
	Efficacy	68 lumen/watt	72 lumen/watt	71 lumen/watt
	Color Consistency	Proprietary binning for uniform color	Proprietary binning for uniform color	Proprietary binning for uniform color
	Lumen Maintenance (L70)	50,000 hours	50,000 hours	50,000 hours
<b>Electrical</b>	Power Factor	Over 98%	Over 98%	Over 98%
	Input Voltage	120V-277V 50/60 Hz	120V-277V 50/60 Hz	120V-277V 50/60 Hz
	Power Consumption	14 Watts Nom.	30 Watts Nom.	50 Watts Nom.
<b>Physical</b>	Dimensions	3.4 x 4.5 x 4.0	5.6 x 7.1 x 5.4	7.6 x 8.9 x 6.3
	Weight	2 lbs.	4 lbs.	6 lbs.
	Housing	Aluminum	Aluminum	Aluminum
	Lens	Tempered Glass	Tempered Glass	Tempered Glass
	Mounting	Yoke Mount Standard	Yoke Mount Standard	Yoke Mount Standard
	Operating Temperature	-30°F to 130°F	-30°F to 130°F	-30°F to 130°F
	Humidity	20% - 85% RH, non condensing	20% - 85% RH, non condensing	20% - 85% RH, non condensing
<b>Certification</b>	Certification	ETL, FCC, LM79, LM80	ETL, FCC, LM79, LM80	ETL, FCC, LM79, LM80
	Material Usage	RoHS compliant; no mercury	RoHS compliant; no mercury	RoHS compliant; no mercury
	Environment	Outdoor, IP65	Outdoor, IP65	Outdoor, IP65
	LED Class	N/A	N/A	N/A

Lighting layouts and spacing criteria available upon request

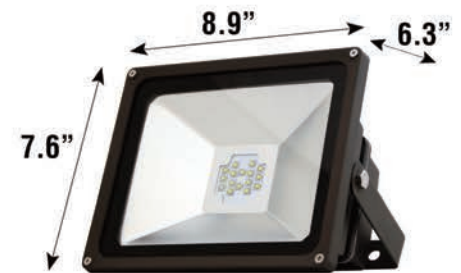
**DIMENSIONS:**



MLFL14LED50



MLFL30LED50



MLFL50LED50

**ADAPTORS:**



NPT fitting adaptor included

