

## LED LARGE FLOOD LIGHT

### MLFL SERIES



MLFL70LED50



MLFL100LED50



MLFL140LED50



## PRODUCT DESCRIPTION:

An efficient, energy saving replacement for metal halide and high-pressure sodium fixtures, containing an integral listed driver, the LED Flood Light Series fixtures can be easily installed to a slip fitter.

The fixtures come standard with a 2-3/8" slip fitter adjustable knuckle in standard dark bronze; consult the factory for white finish.

## FEATURES:

- Replaces up to 400 Watt pulse start metal halide
- CCT: 5000K
- CRI > 66
- Universal 100 to 277V, 50/60 Hz driver
- 2-3/8" slip fitter knuckle included
- NEMA 5x5 and 7x7 distributions available
- Black ceramic paint frit lens mask reduces glare and improves appearance
- Constructed without any hazardous materials
- Compatible with mechanical relay type Photocell and occupancy sensor
- LM-79/80 reports available
- Five year limited warranty

### MODEL SELECTION (Full list of order codes on pg. 3 & 4)

Typical order example: MLFLMLFL140LED50/3WMS4

MLFL	50					
FAMILY	WATTAGE (NOMINAL)	CCT	DISTRIBUTION	FINISH	VOLTAGE	CONTROLS
<b>MLFL=</b> Large Flood Light <b>70=</b> 62W, 250W MH equivalent <b>100=</b> 100W, 300W PS equivalent <b>140=</b> 136W, 400W HID equivalent	<b>LED50=</b> 5000K	<b>(OMIT)=</b> Type V <b>/F=</b> Type V Flood <b>/H=</b> Type III Horizontal	<b>(OMIT)=</b> Bronze, std <b>W=</b> 'White	<b>(OMIT)=</b> 120-277V (Standard) <b>UH=</b> 347-480V	<b>(OMIT)=</b> None <b>PC=</b> Rotatable Photocontrol Socket <b>MS4=</b> Motion/Daylight Sensor (Hi/Low/Off)	

ACCESSORIES			
ORDER CODE	MODEL NUMBER	DESCRIPTION	ACCESSORIES IMAGE
72710	MLARFLGS	Glare Shield For MLAR and Large MLFL	

ACCESSORIES			
ORDER CODE	MODEL NUMBER	DESCRIPTION	ACCESSORIES IMAGE
72112	SB2BZ	Swivel Bracket Two Piece, Supports Max Weight of 18lb	

### NOTES:

1. Consult factory for lead time

**SPECIFICATIONS:**

ITEM	SPECIFICATION	MLFL70 LED50/H			MLFL100 LED50/H			MLFL140 LED50/H			MLFL70 LED50			MLFL100 LED50			MLFL140 LED50			MLFL70 LED50/F			MLFL100 LED50/F			MLFL140 LED50/F		
		DETAILS									DETAILS									DETAILS								
GENERAL PERFORMANCE	Distribution	Type III Horizontal									Type V									Type V Flood								
	Input Power (W)	63	103	141	62	100	136	62	100	136																		
	Lumens Delivered (lm)	5730	9515	13040	5220	9130	11730	5470	9160	12140																		
	Efficacy (lm/W)	92									85	92	86	89	92	90												
	CRI	≥66																										
	Lumen Maintenance (L70, TM-21 @ 25°C)	≥100,000																										
	Color Temperature	5000K									5000K									5000K								
	Spacing Criteria	Available Upon Request									Available Upon Request									Available Upon Request								
	Color Consistency	Proprietary binning for uniform color									Proprietary binning for uniform color									Proprietary binning for uniform color								
ELECTRICAL	Input Voltage	120-277V standard; 347-480V available									120-277V standard; 347-480V available									120-277V standard; 347-480V available								
	Power Factor (120V/277V)	≥0.99/≥0.92	≥0.99/≥0.96	≥0.99/≥0.91	≥0.99/≥0.92	≥0.99/≥0.97	≥0.99/≥0.89	≥0.99/≥0.92	≥0.99/≥0.97	≥0.99/≥0.89																		
PHYSICAL	Weight	16.1 lbs.	17.3 lbs.	21.3 lbs.	16.1 lbs.	17.3 lbs.	21.3 lbs.	16.1 lbs.	17.3 lbs.	21.3 lbs.																		
	Effective Projected Area, EPA (sq. ft.)	1.05																										
	Housing	Aluminum																										
	Lens	Tempered Glass																										
	Mounting	2 3/8" slip fitter knuckle, standard																										
	Operating Temperature	-30°F to 115°F																										
CERTIFICATION	Certification	cETLus, LM-79, LM-80																										
	Material Usage	RoHS compliant; no mercury																										
	Environment	Outdoor, wet location																										
	Humidity	20% - 85%, RH, non condensing																										
	Warranty	5 Year																										

Lighting layouts and spacing criteria available upon request  
Please contact your MaxLite representative to order products that don't have order codes listed here.

**CONSTRUCTION:**

**Fixture:** The heavy duty cast aluminum one-piece housing is polyester powder coated and sealed from dirt, water and insects with a hinged door with a shock-proof tempered glass.

**Lens:** Tempered Glass

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

**Finish:** Dark bronze; white optional (consult factory for lead times)

**ORDERING\*:**

ORDER CODE	ITEM #	FINISH	OPTIONS	VOLTAGE	DISTRIBUTION	NOMINAL WATTAGE	CCT
74157	MLFL100LED50MS4	BRONZE	MOTION/DAYLIGHT SENSOR	120-277V	TYPE V	100	5000K
74158	MLFL100LED50MS4/F	BRONZE	MOTION/DAYLIGHT SENSOR	120-277V	TYPE V WIDE	100	5000K
72820	MLFL100LED50PC	BRONZE	PHOTOCONTROL RECEPTACLE	120-277V	TYPE V	100	5000K
73053	MLFL100LED50PC/F	BRONZE	PHOTOCONTROL RECEPTACLE	120-277V	TYPE V WIDE	100	5000K
72908	MLFL100LED50UH	BRONZE	NONE	347-480V	TYPE V	100	5000K
71585	MLFL140LED50	BRONZE	NONE	120-277V	TYPE V	140	5000K
75276	MLFL140LED50/H	BRONZE	NONE	120-277V	TYPE V	140	5000K
75278	MLFL140LED50/HMS4	BRONZE	MOTION/DAYLIGHT SENSOR	120-277V	TYPE V	140	5000K
75277	MLFL140LED50/HPC	BRONZE	PHOTOCONTROL RECEPTACLE	120-277V	TYPE V	140	5000K
75279	MLFL140LED50/HUH	BRONZE	NONE	347-480V	TYPE V	140	5000K
75281	MLFL140LED50/HUHMS4	BRONZE	MOTION/DAYLIGHT SENSOR	347-480V	TYPE V	140	5000K
75280	MLFL140LED50/HUHPC	BRONZE	PHOTOCONTROL RECEPTACLE	347-480V	TYPE V	140	5000K
75282	MLFL140LED50/HW	WHITE	NONE	120-277V	TYPE V	140	5000K
75284	MLFL140LED50/HWMS4	WHITE	MOTION/DAYLIGHT SENSOR	120-277V	TYPE V	140	5000K
75283	MLFL140LED50/HWPC	WHITE	PHOTOCONTROL RECEPTACLE	120-277V	TYPE V	140	5000K
75285	MLFL140LED50/HWUH	WHITE	NONE	347-480V	TYPE V	140	5000K
75287	MLFL140LED50/HWUHMS4	WHITE	MOTION/DAYLIGHT SENSOR	347-480V	TYPE V	140	5000K
75286	MLFL140LED50/HWUHPC	WHITE	PHOTOCONTROL RECEPTACLE	347-480V	TYPE V	140	5000K
72036	MLFL140LED50/F	BRONZE	NONE	120-277V	TYPE V WIDE	140	5000K
75150	MLFL140LED50/FMS4	BRONZE	MOTION/DAYLIGHT SENSOR	120-277V	TYPE V WIDE	140	5000K
75149	MLFL140LED50/FPC	BRONZE	PHOTOCONTROL RECEPTACLE	120-277V	TYPE V WIDE	140	5000K
75151	MLFL140LED50/FUH	BRONZE	NONE	347-480V	TYPE V WIDE	140	5000K
75153	MLFL140LED50/FUHMS4	BRONZE	MOTION/DAYLIGHT SENSOR	347-480V	TYPE V WIDE	140	5000K
74509	MLFL140LED50UHPC/F	BRONZE	PHOTOCONTROL RECEPTACLE	347-480V	TYPE V WIDE	140	5000K
71586	MLFL140LED50W	WHITE	NONE	120-277V	TYPE V	140	5000K
72037	MLFL140LED50W/F	WHITE	NONE	120-277V	TYPE V WIDE	140	5000K
75145	MLFL140LED50WMS4	WHITE	MOTION/DAYLIGHT SENSOR	120-277V	TYPE V	140	5000K
75123	MLFL100LED50/FUHPC	BRONZE	PHOTOCONTROL RECEPTACLE	347-480V	TYPE V WIDE	100	5000K
75129	MLFL100LED50/FWUHPC	WHITE	PHOTOCONTROL RECEPTACLE	347-480V	TYPE V WIDE	100	5000K

**CONTROL:**

- Omni-directional quad element infrared sensor
- 3 Daylight Harvesting setting
- 0-10V selectable output for low dim control
- Walk test and sensor operation LED indicator
- Direct lead wires for easy wiring connections
- 8 rotary DIP switch selectable control modes
- 7 low dim levels changeable via Accu-Set
- 7 time delay settings
- 3 selectable ambient Light Level thresholds

**DIMENSIONS:**



**OPEN OPTICS OPTIONS:**

