MLAR Area Lights

LED - Area Light Series

MaxLite's LED Area Lights are efficient, energy saving replacements for metal halide and high-pressure sodium fixtures, containing an universal voltage driver.

The fixtures come standard with a 6" extruded arm in standard dark bronze; a white finish is also avaialble.

PROJECT NAME
CATALOG NUMBER
NOTES
FIXTURE TYPE

FEATURES:

- Replaces up to 400 Watt pulse start metal halide
- CCT: 5000K
- CRI > 66
- Universal 100 to 277V, 50/60 Hz driver
- 6" extruded aluminum arm included
- Full cutoff classification both type V square and wide distributions
- 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
- DesignLights™ Consortium listed*
- 50,000 hour rated life at L70 standards
- Five year limited warranty

MLAR70LED50

MLAR100LED50

MLAR140LED50

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)

LUMINAIRE ORDERING INFORMATION:

Watts (Nominal	Order Number	Model Number	Lumens	CRI	Lamp Life (Hrs.)	CCT	Dimensions (L"xW"xH")
62	71324	MLAR70LED50	4141	67	50,000	5000	16.5" x 16.5" x 7.5
61	72026	MLAR70LED50/5W	4360	70	50,000	5000	16.5" x 16.5" x 7.5
101	71325	MLAR100LED50	6963	68	50,000	5000	16.5" x 16.5" x 7.5
101	72028	MLAR100LED50/5W	7710	69	50,000	5000	16.5" x 16.5" x 7.5
140	71326	MLAR140LED50	8400	73	50,000	5000	16.5" x 16.5" x 7.5
141	72030	MLAR140LED50/5W	9080	69	50,000	5000	16.5" x 16.5" x 7.5

MAX12132

Replacement/optional arms listed on back

*DLC qualification is in process for Wide Optics Area Lights

Patent Pending

Lighting layouts and spacing criteria available upon request

MaxLite®: 1-800-555-5629 | **Fax:** 973-244-7333 | **Web:** www.maxlite.com | **E-mail:** info@maxlite.com

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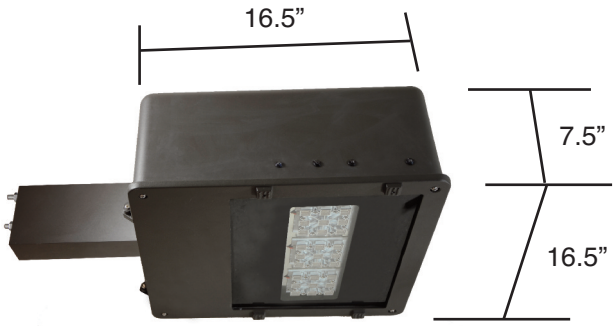
GENERAL SPECIFICATIONS:

Item	Specification	Details
General Performance	Color Temp (CCT)	5000K
	Lumen Maintenance L70	50,000 hrs
	Color Consistency	Proprietary binning for uniform color
	Spacing Criteria	Available upon request
Electrical	Power Factor	Over 90%
	Input Voltage	120V-277V 50/60 Hz
Physical	Dimensions	16.5” x 16.5” x 7.5”
	EPA	1.10
	Weight	17 lbs.
	Housing	Aluminum
	Lens	Tempered glass
	Mounting	6” Ext. Alum Arm, Std
	Operating Temp.	-30F to 130F
Certification	Certification	cETLus, FCC, LM79, LM80, DLC
	Material Usage	RoHS compliant; no mercury
	Environment	Outdoor
	Humidity	20% - 85% RH, non condensing
	Warranty	5 Year

DIMENSIONS:



OPEN OPTICS OPTION:

INDIVIDUAL SPECIFICATIONS:

Specification	Type V Square Optics			Type V Square Wide Optics		
	MLAR70LED50	MLAR100LED50	MLAR150LED50	MLAR70LED50/5W	MLAR100LED50/5W	MLAR140LED50/5W
CRI	67	68	73	69	69	69
Lumens	4140	6960	8400	4360	7710	9090
Efficacy	68 lm/w	68 lm/w	60 lm/w	72 lm/w	76 lm/w	64 lm/w
Power Consumption	62w	101w	140w	61w	101w	141w
Distribution	Type VS	Type VS	Type VS	Type VS	Type VS	Type VS
Beam Angle	74°	73°	73°	112°	112°	111°
Field Angle	94°	94°	93°	151°	153°	151°

REPLACEMENT/OPTIONAL ARMS:

ORDER CODE	MODEL NUMBER	DESCRIPTION
71454	AR6STBZ	6” area light arm for 4"-6" square poles (bronze)
71455	AR12STBZ	12” area light arm for 4"-6" square poles (bronze)
71453	AR12RPBZ	12” area light arm for 4" round poles (bronze)

***Values based on 25’ mounting heights**

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