PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____ FIXTURE SCHEDULE:_____

LED Area Lights Series
MLAR

MLAR70LED50

MLAR100LED50

MLAR140LED50

DLC QPL LISTED

ASSEMBLED IN THE U.S. AVAILABLE

RoHS COMPLIANT

ETL LISTED c us

FC

PRODUCT DESCRIPTION:

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 available.

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
- Calculated L_{70} based on LM-80 testing > 100,000 hours
- Five year limited warranty

MODEL SELECTION (Full list of order codes on pg. 3)					Typical order example: MLAR140LED50WPCMS4		
MLAR		**LED**	**50**				
FAMILY	**WATTAGE**	**TECH.**	**(CTT)**	**COLOR**	**VOLTAGE**	**PHOTOCONTROL**	**CONTROL**
MLAR= Large Flood	**70=** 70W **100=** 100W **140=** 145W	**LED=** LED	**50=** 5,000K	**OMIT=** Bronze (Standard) **W=** White¹	**OMIT=** 120-277V **UH=** 347-480V	**OMIT=** None **PC=** Rotatable Photocontrol Socket	**OMIT=** None **MS4=** Motion/Daylight Sensor (Hi/Low/Off)

	REPLACEMENT / OPTIONAL ARMS / ACCESSORIES			
ORDER CODE	**MODEL NUMBER**	**DESCRIPTION**	**ACCESSORIES IMAGES**	
71454	AR6STBZ	6" area light arm for 4"-6" square poles (Bronze)	14.45" 10.4"	
71455	AR12STBZ	12" area light arm for 4"-6" square poles (Bronze)		
71453	AR12RPBZ	12" area light arm for 4" round poles (Bronze)	4.75"	
72710	MLARFLGS	Glare/House Side Shield		

NOTES:

1. ¹ Consult factory for lead time

MaxLiTE®

SPECIFICATIONS:

ITEM	SPECIFICATION	MLAR70LED50	MLAR100LED50	MLAR140LED50	MLAR70LED50/5W	MLAR100LED50/5W	MLAR140LED50/5W
		TYPE V SQUARE OPTICS - DETAILS			TYPE V SQUARE WIDE OPTICS - DETAILS		
GENERAL PERFORMANCE	Spacing Criteria	Available upon request					
	Power Consumption	62W	100W	136W	62W	100W	136W
	Lumens Delivered	5,220	9,130	11,730	5,470	9,160	12,140
	Efficacy	85 lm/w	92 lm/w	86 lm/w	89 lm/w	92 lm/w	90 lm/w
	CRI	68			70		68
	Beam Angle	74°	78°	79°	117°	115°	116°
	Field Angle	94°		93°	151°	153°	151°
	Color Temperature (CCT)	5000K					
	CRI	68 min					
	Lumen Maintenance (L70)	100,000 hours					
ELECTRICAL	Power Factor	Over 90%					
	Input Voltage	120V-277V 50/60 Hz					
PHYSICAL	Dimension	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 Temperature	-30°F to 115°F					
CERTIFICATION	Certification	cETLus, FCC, LM79, LM80, DLC					
	Material Usage	RoHS compliant; no mercury					
	Environment	Outdoor					
	Humidy	20% - 85%, RH, non condensing					
	Warranty	5 Year					

Lighting layouts and spacing criteria available upon request

DIMENSIONS:

16.5"
6"
7.5"
16.5"

OPEN OPTICS OPTIONS:

MaxLite®

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)

CONTROL:

- 7 time delay settings
- 3 Daylight Harvesting setting
- Omni-directional quad element infrared sensor
- 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
- 3 selectable ambient Light Level thresholds

ORDERING:

ORDER CODE	MODEL	DESCRIPTION
71324	MLAR70LED50	AREA LIGHT 70W LED 5000K WITH 6 ARM
72026	MLAR70LED50/5W	AREA LIGHT 70W LED 5000K TYPE V WIDE WITH 6 ARM
73054	MLAR70LED50PC	AREA LIGHT 70W LED 5000K WITH 6 ARM WITH ROTATABLE PHOTOCONTROL RECEPTACLE
73055	MLAR70LED50PC/5W	AREA LIGHT 70W LED 5000K TYPE V WIDE WITH 6 ARM WITH ROTATABLE PHOTOCONTROL RECEPTACLE
71641	MLAR70LED50W	AREA LIGHT 70W LED 5000K WHITE WITH 6 ARM
72931	MLAR70LED50W/5W	AREA LIGHT 70W LED 5000K TYPE V WIDE WITH 6 ARM WHITE
73467	MLAR70LED50WUH/5W	AREA LIGHT 70W LED 5000K TYPE V WIDE WITH 6 ARM WHITE, 347/480V
71325	MLAR100LED50	AREA LIGHT 100W FLOOD LED 5000K WITH 6 ARM
72028	MLAR100LED50/5W	AREA LIGHT 100W LED 5000K TYPE V WIDE WITH 6 ARM
72596	MLAR100LED50PC	AREA LIGHT 100W LED 5000K WITH 6 ARM WITH ROTATABLE PHOTOCONTROL RECEPTACLE
72597	MLAR100LED50PC/5W	AREA LIGHT 100W LED 5000K TYPE V WIDE WITH 6 ARM WITH ROTATABLE PHOTOCONTROL RECEPTACLE
73109	MLAR100LED50UH	AREA LIGHT 100W LED 5000K WITH 6 ARM, 347/480V
71642	MLAR100LED50W	AREA LIGHT 100W LED 5000K WHITE WITH 6 ARM
72029	MLAR100LED50W/5W	AREA LIGHT 100W LED 5000K WHITE TYPE V WIDE WITH 6 ARM
71326	MLAR140LED50	AREA LIGHT 140W LED 5000K WITH 6 ARM
72030	MLAR140LED50/5W	AREA LIGHT 140W LED 5000K TYPE V WIDE WITH 6 ARM
72599	MLAR140LED50PC	AREA LIGHT 140W LED 5000K WITH 6 ARM WITH ROTATABLE PHOTOCONTROL RECEPTACLE
72982	MLAR140LED50PC/5W	AREA LIGHT 140W LED 5000K TYPE V WIDE WITH 6 ARM WITH ROTATABLE PHOTOCONTROL RECEPTACLE
73694	MLAR140LED50UH	AREA LIGHT 140W LED 5000K TYPE V WITH 6 ARM, 347/480V
72946	MLAR140LED50UH/5W	AREA LIGHT 140W LED 5000K WHITE TYPE V WIDE WITH 6 ARM, 347/480V
71643	MLAR140LED50W	AREA LIGHT 140W LED 5000K WHITE WITH 6 ARM
72031	MLAR140LED50W/5W	AREA LIGHT 140W LED 5000K WHITE TYPE V WIDE WITH 6 ARM
72929	MLAR140LED50WUH	AREA LIGHT 140W LED 5000K WHITE WITH 6 ARM, 347/480V
73559	MLAR140LED50WUH/5W	AREA LIGHT 140W LED 5000K TYPE V WIDE WITH 6 ARM WHITE, 347/480V

Please contact your MaxLite representative to order products that don't have order codes listed here.