

## LED Medium Area Light

### MAL Series



MAL55AU7TX50B



MAL80AU7TX50B



MAL105AU7TX50B



### 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
- 200,000-hour L70 lifetime, TM-21 standards @25°C
- Available IESNA Type III, Type IV, and Type V distributions
- 6" extruded, gasketed aluminum arm included
- Black ceramic paint frit lens mask reduces glare and improves appearance
- 0-10V dimming driver standard; compatible with IEC 60929 rated fluorescent or LED 0-10V dimmers
- Available with optional NEMA Photocotrol Receptacle
- LM-79/LM-80 data available
- 5-year Limited Warranty

MODEL SELECTION (Full list of order codes on pg. 3)		Typical order example: MAL105AH7T350B					
MAL		A			50		
FAMILY	WATTAGE (NOMINAL)	GENERATION	VOLTAGE DRIVE CURRENT	DISTRIBUTION	CCT	FINISH	OPTIONS
MAL= Medium Area Light	55= 55W, 250W MH equivalent 80= 80W, 320W PS equivalent 105= 105W, 400W HID equivalent	A= Generation A	U7= 120-277V, 700 mA H7= 347-480V, 700mA	T3= Type III T4= Type IV T5= Type V	50= 5000K	B= Bronze, std W= White	(OMIT)= None, std PC= Rotatable Photocontrol Socket MS4= Motion/Daylight Sensor (Hi/Low/Off)

ACCESSORIES			
ORDER CODE	MODEL NUMBER	DESCRIPTION	ACCESSORIES IMAGE
71456	FL2.37TF270	Slip Fitter Knuckle (Bronze)	
72710	MLARFLGS	Glare/House Side Shield	

### NOTES:

1. Consult factory for lead time

**SPECIFICATIONS:**

ITEM	SPECIFICATION	MAL55A	MAL80A	MAL105A	MAL55A	MAL80A	MAL105A	MAL55A	MAL80A	MAL105A
		X7T350	X7T350	X7T350	X7T450	X7T450	X7T450	X7T550	X7T550	X7T550
GENERAL PERFORMANCE	Distribution	Type III			Type IV			Type V		
	Input Power (W)	54	81	110	54	81	110	55	81	110
	Lumens Delivered (lm)	5,530	8,090	11,095	5,535	8,090	11,100	5,770	8,435	11,315
	Efficacy (lm/W)	≥102	≥100		≥102	≥100		≥105	≥104	≥102
	CRI	≥75								
	Lumen Maintenance (L70, TM-21 @ 25°C)	≥200,000								
	Color Temperature	5000K								
	Spacing Criteria	Available Upon Request								
	Color Consistency	Proprietary binning for uniform color								
	ELECTRICAL	Input Voltage	120-277V standard; 347-480V available							
Power Factor (277V)		≥0.91								
Housing		Aluminum								
Effective Projected Area (sq. ft.)		1.05								
Lens		Tempered Glass								
Mounting		6" extruded aluminum arm, standard								
CERTIFICATION	Certification	cULus, LM-79, LM-80, TM-21								
	Environment	Outdoor, Wet Locations								
	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)

**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

**ORDERING\*:**

ORDER CODE	MODEL	FINISH	OPTIONS	VOLTAGE	DISTRIBUTION	NOMINAL WATTAGE	CCT
95573	MAL55AH7T350BMS4	BRONZE	MOTION/DAYLIGHT SENSOR	347-480V	TYPE III	55	5000K
95574	MAL55AH7T350B	BRONZE	NONE	347-480V	TYPE III	55	
95151	MAL80AU7T550B	BRONZE	NONE	120-277V	TYPE V	55	
95615	MAL80AH7T450B	BRONZE	NONE	347-480V	TYPE IV	80	
95557	MAL55AU7T350B	BRONZE	NONE	120-277V	TYPE III	55	
95556	MAL55AU7T350BMS4	BRONZE	MOTION/DAYLIGHT SENSOR	120-277V	TYPE III	55	
95563	MAL55AU7T450B	BRONZE	NONE	120-277V	TYPE IV	55	
95146	MAL55AU7T550B	BRONZE	NONE	120-277V	TYPE V	55	
95609	MAL80AH7T350B	BRONZE	NONE	347-480V	TYPE III	80	
95592	MAL80AU7T350B	BRONZE	NONE	120-277V	TYPE III	80	
95598	MAL80AU7T450B	BRONZE	NONE	120-277V	TYPE IV	80	
95151	MAL80AU7T550B	BRONZE	NONE	120-277V	TYPE V	80	
95603	MAL80AU7T550BMS4	BRONZE	MOTION/DAYLIGHT SENSOR	120-277V	TYPE V	80	
95641	MAL105AU7T550W	WHITE	NONE	120-277V	TYPE V	105	
95637	MAL105AU7T550BPC	BRONZE	PHOTOCONTROL RECEPTACLE	120-277V	TYPE V	105	
95638	MAL105AU7T550BMS4	BRONZE	MOTION/DAYLIGHT SENSOR	120-277V	TYPE V	105	
95147	MAL105AU7T550B	BRONZE	NONE	120-277V	TYPE V	105	
95632	MAL105AU7T450BMS4	BRONZE	MOTION/DAYLIGHT SENSOR	120-277V	TYPE IV	105	
95633	MAL105AU7T450B	BRONZE	NONE	120-277V	TYPE IV	105	
95630	MAL105AU7T350W	WHITE	NONE	120-277V	TYPE III	105	
95625	MAL105AU7T350BPC	BRONZE	PHOTOCONTROL RECEPTACLE	120-277V	TYPE III	105	
95627	MAL105AU7T350B	BRONZE	NONE	120-277V	TYPE III	105	
95644	MAL105AH7T350B	BRONZE	NONE	347-480V	TYPE III	105	

\*