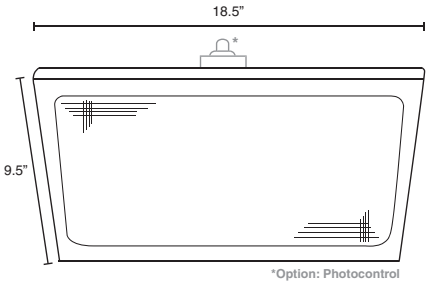
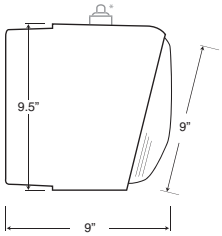
LED WALLMAX LARGE WALL PACK

MLLWP40LED50, MLLWP60LED50





lighting facts LED Product Partner

SUPPORTS T24 COMPLIANCE

MOTION SENSOR

ASSEMBLED IN THE U.S. AVAILABLE

RoHS COMPLIANT

ETL LISTED

FC

PRODUCT DESCRIPTION:

MaxLite's standard WallMax™ LED Wall Packs with new optics increase light output and efficacy to reduce shadows and create safe, brightly-lit outdoor environments in parking garages and entrances, public areas, schools, hospitals, hotels and outdoor walkways nationwide. These 40- and 60-watt LED fixtures are energy-efficient replacements for 175- and 250-watt metal halide fixtures respectively. The fixtures are rebatable, save energy, lower maintenance costs, and prevent light pollution.

FEATURES:

- Replaces up to 250 Watt Metal Halide
- Universal 120-277V
- Maintenance free for up to 13 Years
- Heavy-duty cast aluminum housing is polyester powder coated to be rust and corrosion proof
- High-quality shatter-resistant glass
- Sealed fixture is dirt and bug free
- Multiple knockouts for mounting convenience
- Dusk to Dawn sensor compatible
- LM-79/80 data available
- 5 Year Limited Warranty

CONTROLS:

- **120VAC/208-277VAC Photocontrol:** Voltage-specific photocontrols power the fixture when light levels reach 20 lux or below, and turn it off at 30 lux or higher. Operating temperature of -30ºF-120ºF. Photocell mounted externally.
- **Motion/Daylight Sensor:** 0-10V microwave-based motion sensor with integral photocontrol, allowing for three output states: 100%; 10/20/30/50% output; or 0% output. Detection area, hold time, daylight threshold, and dimming level all have DIP switches. Operating temperature of -31ºF-158ºF. At its maximum mounting height of 32 feet, the sensor can detect motion up to 30 feet away. Sensor mounted internally, behind glass.

MODEL SELECTION (Full list of order codes on pg. 3) — Typical order example: MLLWP60LED50PC27EM

MLLWP		LED50				
FAMILY	**WATTAGE (NOMINAL)**	**TECH.**	**COLOR**	**CONTROLS**	**VOLTAGE**	**EMERGENCY BACKUP**
MLLWP= Large Wall Pack	**40=** 40W replaces up to 175W MH **60=** 60W replaces up to 250W MH	**LED50=** LED	**(OMIT)=** Bronze (Std) **W=** White[1]	**(OMIT)=** None **PC12=** 120V Photocontrol **PC27=** 277V Photocontrol **MS4=** Motion/Daylight Sensor (Hi/Low/Off)	**(OMIT)=** 120-277V (Std) **UH=** 347-480V	**(OMIT)=** None **EM=** Emergency Battery Backup

ACCESSORIES			
ORDER CODE	**MODEL NUMBER**	**DESCRIPTION**	**ACCESSORIES IMAGE**
71330	MLLWPWG	Large Wall Pack Guard (Black)	

NOTES:

1. [1] Consult factory for lead time
2. In the event of a power failure, the battery backup units switch to emergency mode (700 lumenoutput) and operates the fixture for a minimum of 90 minutes.

SPECIFICATIONS:

ITEM	SPECIFICATION	MLLWP40LED50 DETAILS	MLLWP60LED50 DETAILS
GENERAL PERFORMANCE	Spacing Criteria	Available upon request	
	Power Consumption	36 Watts	51 Watts
	Lumens Delivered	2880	4030
	Efficacy	81 lumens/watt	79 lumens/watt
	Color Temperature	5000K	
	Color Consistency	Proprietary binning for uniform color	
	Lumen Maintenance (L70)	50,000 hours	
ELECTRICAL	Power Factor	Over 98%	
	Input Voltage	120V-277V 50/60 Hz	
PHYSICAL	Weight	10.5 lbs	
	Housing	Aluminum	
	Lens	High quality shatterproof glass	
	Mounting	Can mount to recessed outlet box or direct to surface	
	Operating Temperature	-30°F to 130°F	
	Humidity	20% - 85% RH, non condensing	
CERTIFICATION	Certification	CETL, FCC, LM79, LM80	
	Material Usage	RoHS compliant; no mercury	
	Environment	Indoor / Outdoor	
	LED Class	L70 rated to 50,000 hours	

Lighting layouts and spacing criteria available upon request

ORDERING*:

ORDER CODE	MODEL NUMBER	OPTIONS	FINISH	VOLTAGE	WATTAGE	CCT
70723	MLLWP40LED50	None	Bronze	120-277V	40	5000K
72933	MLLWP40LED50EM	Emergency Battery Backup				
71382	MLLWP40LED50PC12	120V Photocontrol				
73112	MLLWP40LED50PC12EM	120V Photocontrol; Emergency Battery Backup				
71381	MLLWP40LED50PC27	277V Photocontrol				
73113	MLLWP40LED50PC27EM	277V Photocontrol; Emergency Battery Backup				
72907	MLLWP40LED50UH	None		347-480V		
71128	MLLWP40LED50W	None	White	120-277V		
72260	MLLWP40LED50WPC12	120V Photocontrol				
72978	MLLWP40LED50WPC27	277V Photocontrol				
74142	MLLWP40LED50MS4	Motion/Daylight Sensor	Bronze			
70910	MLLWP60LED50	None			60	
72835	MLLWP60LED50EM	Emergency Battery Backup				
71384	MLLWP60LED50PC12	120V Photocontrol				
71383	MLLWP60LED50PC27	277V Photocontrol				
72906	MLLWP60LED50UH	None		347-480V		
71180	MLLWP60LED50W	None	White	120-277V		
73753	MLLWP60LED50WPC12	120V Photocontrol				
73754	MLLWP60LED50WPC27	277V Photocontrol				
74137	MLLWP60LED50MS4	Motion/Daylight Sensor	Bronze			

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

CONSTRUCTION:

Fixture: This rust and corrosion proof fixture is constructed of a heavy-duty cast aluminum one-piece housing, with a polyester powder coat. The fixture is sealed to be dirt and bug proof.

Lens: High quality shatter-resistant glass

LED Module: Aluminum components in the LED module act as heat sinks to reduce heat and add to life. The module uses directional settings to control the fall of light and the light levels. This makes the fixture an efficient replacement for metal halide and high pressure sodium fixtures, while reducing wattage and extending life.

Reflector: Internal polished aluminum reflector maximizes light output.

LED Driver: Self contained driver meets UL 1310 UL 48 Class2

Finish: Dark Bronze or white finish available; polyester powdercoated.

Installation: Can mount to recessed outlet boxes or directly to surfaces

CALIFORNIA TITLE 24 COMPLIANCE:

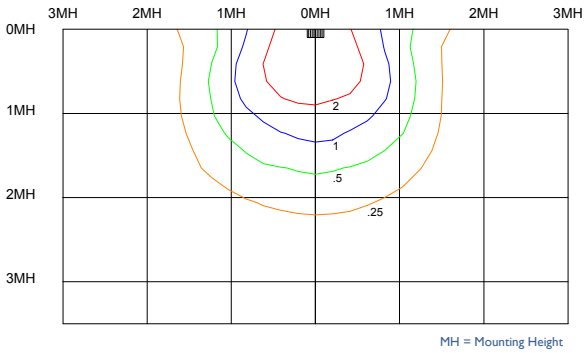
MLLWP40LED50MS4: Photocontrol or outdoor astronimal time switch required to power off fixture when daylight is available — section 132(c)
At ≤24 ft. mounting height, motion sensor must dim fixture by at least 40-80% — section 132(c)

MLLWP60LED50MS4: Photocontrol or outdoor astronimal time switch required to power off fixture when daylight is available — section 132(c)
At ≤24 ft. mounting height, motion sensor must dim fixture by at least 40-80% — section 132(c)

PHOTOMETRICS:

MLLWP40LED50

ISO-FC CHART



MH = Mounting Height

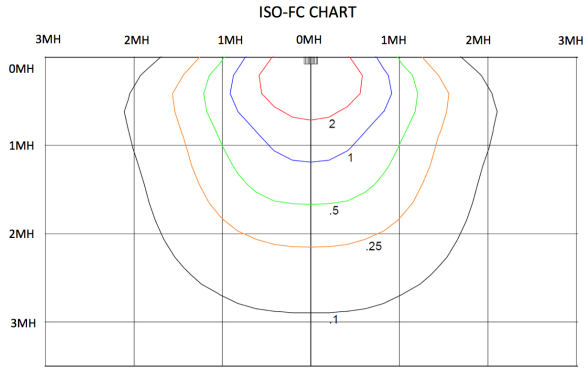
MLLWP40LED50
2880 Lumens
15' Mounting Height

Foot-candle Correction Factors:

New Height:	10'	12'	15'	18'	20'
Multiply by:	2.3	1.6	1.0	.69	.36

MLLWP60LED50

ISO-FC CHART



MH = Mounting Height

MLLWP60LED50
3827 Lumens
20' Mounting Height

Foot-candle Correction Factors:

New Height:	15'	20'	25'	30'	35'
Multiply by:	1.78	1.0	.64	.44	.33

Lighting layouts and spacing criteria available upon request

LIGHTING FACTS:

MLLWP40LED50

LED lighting facts
A Program of the U.S. DOE

The U.S. Department of Energy's LED Lighting Facts® Program has verified product performance based on industry-standardized testing.

For details, see: Maxlite Inc.
Model # MLLWP40LED50
www.lightingfacts.com/products

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