

# MLLG-LN-LED-SOLAR-50-50

50 Watt Solar Area Light

Project Name \_\_\_\_\_



### DETAILS

Using Photovoltaic (PV) panels, LED Lighting Supply commercial solar area lighting captures sunlight during the day. The solar panel, mounted on top of the fixture, absorbs photons from sunlight, generating electrons that convert into DC power. This energy is stored in a rechargeable battery for use at night. At dusk, a built-in photocell sensor activates the LED light. When the sun rises, the light turns off, and the battery begins recharging for the next cycle.

Motion Sensor

Photocell

OVERVIEW	
SKU	MLLG-LN-LED-SOLAR-50-50
Watts	50
Lumens	5000
Lumens Per Watt (Efficacy)	100
Color Temperature	5000K
Voltage	
↗ PRODUCT DIMENSIONS	
Product Dimensions	29.5 X 10 X 4 in
Product Weight	15 lbs

Watts	Current Amp Draw			
	120V	240V	277V	480V
50	0.42	0.21	0.18	0.10



Product design upgrades may result in specification changes without notice. Speak to a Product Specialist for the latest information.

[www.ledlightingsupply.com](http://www.ledlightingsupply.com) (888) 423-3191  
Headquartered at: 1 Chestnut Street, 4M Nashua NH 03060

WebID: 1559

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## PRODUCT SPECIFICATIONS

	<b>Watts</b>	50
	<b>Lumens</b>	5000
	<b>Color Temperature</b>	5000K
	<b>CRI</b>	70+
	<b>Beam Angles</b>	Type 3
	<b>Replaces</b>	150 Watt Metal Halide
	<b>Power Factor (PF)</b>	> .98
	<b>THD</b>	< 20%
	<b>Dimming</b>	No
	<b>Power Factor (PF)</b>	50-60Hz
	<b>Housing</b>	Die-Casting Aluminum Alloy, Anti-Corrosion, Solar Panel mounted on top of fixture
	<b>IP Rating</b>	IP66
	<b>Operating Temperature</b>	-4°F to 122°F
	<b>Rated Life</b>	50,000 hours
	<b>Certifications</b>	ROHS
	<b>Warranty</b>	2
	<b>Mount</b>	Slip Fitter
	<b>Color Options</b>	Gray



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## ⚡ ENERGY SAVINGS

Based on 12 hours / day and \$0.13 kWh - eia.gov national average(2025)

Metal Halide Watts	LED Watts	1 Year Energy Savings	5 Year Energy Savings
150	50	\$56.68	\$283.40

## 🔍 PRODUCT FAMILY MODELS

SKU	Watts	Lumens	Lumens/Watt
MLLG-LN-LED-SOLAR-50-50	50	5000	100
MLLG-LN-LED-SOLAR-70-50	70	7000	100



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