

MLLG-LED-SBHO2-150-50B

150 Watt LED Billboard Light

Project Name _____



DETAILS

LED Lighting Supply billboard lights are a specific type of floodlight. They use specialized optics to project bright, high-quality light evenly across small and large billboards. Our billboard lights are mounted at the top or bottom of the outdoor sign. They are set back usually 4 to 8 feet from the face of the sign. You can easily replace metal halide billboard lights with LED for outdoor advertising.



Photocell

OVERVIEW

SKU MLLG-LED-SBHO2-150-50B

Watts 150

Lumens 24000

Lumens Per Watt (Efficacy) 160

Color Temperature 4000K | 5000K

Voltage 100V-277V | 277V-480V

PRODUCT DIMENSIONS

Product Dimensions 15.63 in L X 11.25 in W X 3.22 in H

Product Weight 9.48 lbs



AMP DRAW

| Watts | Current Amp Draw | | | |
|-------|------------------|------|------|------|
| | 120V | 240V | 277V | 480V |
| 150 | 1.25 | 0.63 | 0.54 | 0.31 |



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

www.ledlightingsupply.com (888) 423-3191

Headquartered at: 1 Chestnut Street, 4M Nashua NH 03060

WebID: 2021

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PRODUCT SPECIFICATIONS

| | | |
|--|------------------------------|---------------------------------|
| | Watts | 150 |
| | Lumens | 24000 |
| | Color Temperature | 4000K 5000K |
| | CRI | 70+ |
| | Beam Angles | Type 3, 5 |
| | Replaces | 400 Watt Metal Halide |
| | Voltage | 100-277 277-480 |
| | Power Factor (PF) | > .92 |
| | THD | < 15% |
| | Dimming | 1-10V |
| | Surge Protection | 6kV line-line, 10kV line-earth |
| | Power Factor (PF) | 50-60Hz |
| | Housing | Die-Cast Aluminum |
| | IP Rating | IP65 |
| | IK Rating | IK08 |
| | Operating Temperature | -22°F to +113°F |
| | Rated Life | 244,000 (L70) hours |
| | Certifications | DLC Premium ETL Listed ROHS |
| | Warranty | 10 years |
| | Mount | Yoke Slip Fitter |
| | Color Options | Bronze |



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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 |
|--------------------|-----------|-----------------------|-----------------------|
| 400 | 150 | \$141.70 | \$708.50 |

🔍 PRODUCT FAMILY MODELS

| SKU | Watts | Lumens | Lumens/Watt |
|------------------------|-------|--------|-------------|
| MLLG-LED-SBHO2-150-50B | 150 | 24000 | 160 |
| MLLG-LED-SBHO2-300-50B | 300 | 48000 | 160 |
| MLLG-LED-SBHO2-150-50 | 150 | 24000 | 160 |
| MLLG-LED-SBHO2-300-50 | 300 | 48000 | 160 |



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