

MLLG-LED-HT80-100-50-110-[V]

100 Watt LED High Temperature Light

Project Name _____



DETAILS

The 100 watt high-temperature LED Fixture work operates in temperatures -40 degF to 176 degF. Fixture is designed with a large heat sink and is 3G vibration-tested.

OVERVIEW

SKU	MLLG-LED-HT80-100-50-110-[V]
Watts	100
Lumens	13000
Lumens Per Watt (Efficacy)	130
Color Temperature	5000K
Voltage	100V-277V 277V-480V



PRODUCT DIMENSIONS

Product Weight 17.2 lbs

PRODUCT SKU VARIATIONS

SKU	Voltage
MLLG-LED-HT80-100-50-110	100V-277V
MLLG-LED-HT80-100-50-110-HV	277V-480V



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 : 1318

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PRODUCT SPECIFICATIONS

OPTICAL	Watts	100
	Lumens	13000
	Color Temperature	5000K
	CRI	70+
	Beam Angles (Std)	110°
	Beam Angles (Opt)	30° 90° 140°
	Optics	Polycarbonate Lens
	Replaces	250 Watt Metal Halide
ELECTRICAL	Voltage	100-277 277-480
	Power Factor (PF)	.95
	THD	20% Max
	Dimming	No
	Surge Protection	12kV
	Power Factor (PF)	50 / 60 hz
CONSTRUCTION	Housing	Die-Cast Aluminum
	IP Rating	IP66
	IK Rating	IK10
	Operating Temperature	-40°F to 176°F (-40°C to 80°C)
	Rated Life	100,000 (L70) hours
	Certifications	ETL Listed ROHS CB
	Warranty	5 years
	Mount	Eye-Hook Trunnion
	Color Options	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
250	100	\$85.02	\$425.10

🔍 PRODUCT FAMILY MODELS

SKU	Watts	Lumens	Lumens/Watt
MLLG-LED-HT80-50-110-[V]	50	6500	130
MLLG-LED-HT80-100-50-110-[V]	100	13000	130
MLLG-LED-HT80-150-50-110-[V]	150	19500	130
MLLG-LED-HT80-200-50-110-[V]	200	26000	130
MLLG-LED-HT80-300-50-90-[V]	300	39000	130
MLLG-LED-HT80-450-50-90-[V]	450	58500	130

☀️ AMP DRAW

Watts	Current Amp Draw			
	120V	240V	277V	480V
100	0.83	0.42	0.36	0.21



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