MLLG-E-LED-EXPLA2-100-50-C1D2

100 Watt Square Explosion Proof LED Light

Project Name _____

LED LIGHTING SUPPLY

DETAILS

Illuminate hazardous areas safely with our 100W explosion proof LED light delivering 13000 lumens of bright 5000K daylight. Class 1 Div 2 & Class 2 Div 2 certified for industrial facilities, chemical plants, oil refineries. Universal 100-277V input ensures reliable performance.

OVERVIEW

SKU	MLLG-E-LED-EXPLA2-100-50-C1D2
Watts	100
Lumens	13000
Lumens Per Watt (Efficacy)	130
Color Temperature	5000K
Voltage	100V-277V

⤢ PRODUCT DIMENSIONS

Product Dimensions	12 x 12 x 6.6
Product Weight	17 lbs

☼ AMP DRAW

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

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 : 1804

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PRODUCT SPECIFICATIONS

OPTICAL	Watts	100
	Lumens	13000
	Color Temperature	5000K
	CRI	70+
	Beam Angles (Std)	120°
	Optics	Tempered Glass Lens
	Replaces	250 Watt Metal Halide
ELECTRICAL	Voltage	100-277
	Power Factor (PF)	>.98
	THD	< 10%
	Dimming	No
	Surge Protection	10kV
	Power Factor (PF)	50-60Hz
CONSTRUCTION	Housing	Copper Free Aluminum
	IP Rating	IP68
	IK Rating	IK09
	Operating Temperature	-22°F to 122°F
	Rated Life	50,000 (L70) hours
	Certifications	Rebate Eligible │ UL Listed │ ROHS
	Warranty	5 years
	Mount	Pendant │ Trunnion

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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-E-LED-EXPLA2-100-50-C1D2	100	13000	130
MLLG-E-LED-EXPLA2-200-50-C1D2	200	26000	130

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