

MLLG-E-LED-EXPLP24-100-50-C1D2

100 Watt Explosion Proof 2x4 Low Profile Linear LED Light

Project Name _____



DETAILS

100 Watt LED Explosion Proof 2X4 panel; Class 1 Division 2 light replaces fluorescent lighting for hazardous locations. The fixture can work as a surface mount, ceiling mount, and recessed mount. Integrated emergency backup module is optional.

OVERVIEW

SKU	MLLG-E-LED-EXPLP24-100-50-C1D2
Watts	100
Lumens	14000
Lumens Per Watt (Efficacy)	140
Color Temperature	5000K
Voltage	100V-277V



PRODUCT DIMENSIONS

Product Weight 88 lbs



UL SPECS

UL 844 Hazardous Locations

Class 1, Division 2, Groups A,B,C,D

Class 2, Division 1, Groups F,G

Class 3



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 : 1932

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PRODUCT SPECIFICATIONS

OPTICAL	Watts	100
	Lumens	14000
	Color Temperature	5000K
	CRI	70+
	Replaces	250 Watt Metal Halide
ELECTRICAL	Voltage	100-277
	Power Factor (PF)	>.95
	THD	< 10%
	Dimming	1-10V
	Power Factor (PF)	50-60Hz
CONSTRUCTION	IP Rating	IP66
	IK Rating	IK09
	Rated Life	50,000 (L70) hours
	Certifications	Rebate Eligible UL Listed NSF Certified ROHS CB
	Warranty	5
	Mount	Chain-Cable Recessed Surface



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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-EXPLP12-40-50-C1D2	40	5600	140
MLLG-E-LED-EXPLP14-40-50-C1D2	40	5600	140
MLLG-E-LED-EXPLP14-60-50-C1D2	60	8400	140
MLLG-E-LED-EXPLP22-40-50-C1D2	40	5600	140
MLLG-E-LED-EXPLP22-60-50-C1D2	60	840	14
MLLG-E-LED-EXPLP22-80-50-C1D2	80	11200	140
MLLG-E-LED-EXPLP24-60-50-C1D2	60	8400	140
MLLG-E-LED-EXPLP24-80-50-C1D2	80	11200	140
MLLG-E-LED-EXPLP24-100-50-C1D2	100	14000	140
MLLG-E-LED-EXPLP24-120-50-C1D2	120	16800	140



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