

MLLG-E-LED-EXPLD-100-50-[V]-C1D1


100 Watt Square Explosion Proof LED Light

Project Name _____



DETAILS

Our D Series is a square Class 1 Division 1 (C1D1) explosion proof LED fixture. It comes standard with a 3/4 pendant mount and a surface mount trunnion. Ideal for any hazardous locations where flammable materials are present. Available in both 120-277v and 277-480v.

 Explosion Proof C1D1

OVERVIEW

SKU	MLLG-E-LED-EXPLD-100-50-[V]-C1D1
Wattage	100
Lumens	14000
Lumens Per Watt (Efficacy)	140
Color Temperature	5000K
Voltage	100V-277V 277V-480V

PRODUCT DIMENSIONS

Product Dimensions	15.7 X 11.2 X 9.96 in
Product Weight	26.9 lbs

UL SPECS

UL 844 Hazardous Locations
Class I, Division 1, Groups C,D
Class I, Division 2, Groups A, B, C, D
Class II, Division 1, Groups E, F, G
Class II, Division 2, Groups F, G
Class III
UL 1598 Suitable for Wet Locations
UL 1598A Marine Outside Type
ABS



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: 1281

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PRODUCT SPECIFICATIONS		
	Wattage	100
	Lumens	14000
	Color Temperature	5000K
	CRI	70+
	Beam Angles	120° (std) Special Order: 40° 60° 90°
	Replaces	200 Watt Metal Halide
	Voltage	100-277 277-480
	Power Factor (PF)	>.95
	THD	< 10%
	Dimming	1-10V
	Surge Protection	10kV
	Power Factor (PF)	50-60Hz
	Housing	Copper Free Aluminum
	IP Rating	IP66
	IK Rating	IK10
	Operating Temperature	-40°F to 140°F
	Rated Life	50,000 (L70) hours
	Certifications	Rebate Eligible ETL Listed ROHS
	Warranty	5
	Mount	Yoke
	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 Wattage	LED Wattage	1 Year Energy Savings	5 Year Energy Savings
200	100	\$56.68	\$283.40

🔍 PRODUCT FAMILY MODELS

SKU	Wattage	Lumens	Lumens/Watt
MLLG-E-LED-EXPLD-60-50-C1D1	60	8100	135
MLLG-E-LED-EXPLD-80-50-[V]-C1D1	80	11200	140
MLLG-E-LED-EXPLD-100-50-[V]-C1D1	100	14000	140
MLLG-E-LED-EXPLD-150-50-[V]-C1D1	150	21000	140



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