

MLLG-E-LED-EXPLB-100-50-[V]-C1D2

100 Watt Round Explosion Proof LED Light

Project Name _____



DETAILS

Our Round B Series C1D2 Explosion Proof fixtures come in both 120-277v and 277-480v configurations. At 140 lumens per watt they are an efficient and safe replacement solution for environments where ignitable gases or vapors may be present in the air under abnormal conditions.

OVERVIEW	
SKU	MLLG-E-LED-EXPLB-100-50-[V]-C1D2
Watts	100
Lumens	14000
Lumens Per Watt (Efficacy)	140
Color Temperature	5000K
Voltage	100V-277V 277V-480V



↗ PRODUCT DIMENSIONS	
Product Dimensions	14.56 X 11.4 in
Product Weight	18.1 lbs



☀ UL SPECS	
UL 844 Hazardous Locations	
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: 1610

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PRODUCT SPECIFICATIONS		
	Watts	100
	Lumens	14000
	Color Temperature	5000K
	CRI	70+
	Replaces	400 Watt Metal Halide
	Voltage	100-277 277-480
	Power Factor (PF)	>.95
	THD	< 10%
	Dimming	1-10V
	Power Factor (PF)	50-60Hz
	IP Rating	IP66
	IK Rating	IK10
	Rated Life	50,000 (L70) hours
	Certifications	Rebate Eligible ETL Listed ROHS CB
	Warranty	5
	Mount	Yoke 3/4 in NPT Pendant
	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
400	100	\$170.04	\$850.20

🔍 PRODUCT FAMILY MODELS

SKU	Watts	Lumens	Lumens/Watt
MLLG-E-LED-EXPLB-40-50-[V]-C1D2	40	5600	140
MLLG-E-LED-EXPLB-60-50-[V]-C1D2	60	8400	140
MLLG-E-LED-EXPLB-80-50-[V]-C1D2	80	11200	140
MLLG-E-LED-EXPLB-100-50-[V]-C1D2	100	14000	140
MLLG-E-LED-EXPLB-150-50-[V]-C1D2	150	21000	140
MLLG-E-LED-EXPLB-200-50-[V]-C1D2	200	28000	140
MLLG-E-LED-EXPLB-250-[V]-C1D2	250 300 400	35000 42000 56000	140
MLLG-E-LED-EXPLB-300-50-[V]-C1D2	300	42000	140
MLLG-E-LED-EXPLB-400-50-[V]-C1D2	400	56000	140



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