

# MLLG-E-LED-EXPLC-100-50-[V]-C1D1

100 Watt Round Explosion Proof LED Light

Project Name \_\_\_\_\_



## DETAILS

Our C Series C1D1 Explosion Proof fixtures come in both 120-277v and 277-480v configurations. At 140 lumens per watt they are an efficient and safe solution for environments where ignitable materials are present.

## OVERVIEW

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

## PRODUCT DIMENSIONS

Product Weight	39 lbs
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## 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

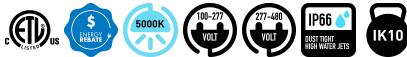
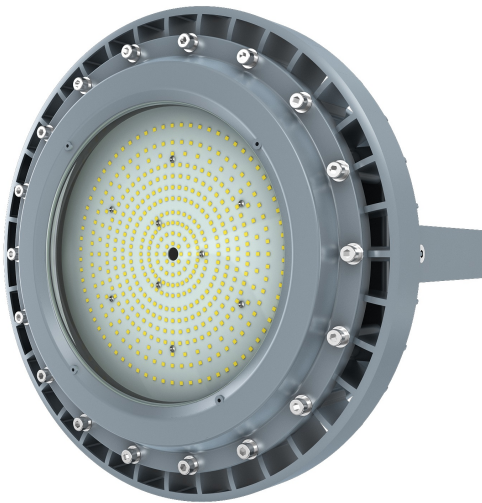
Class II, Division 2, Groups F, G

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](http://www.ledlightingsupply.com) (888) 423-3191

Headquartered at: 1 Chestnut Street, 4M Nashua NH 03060

WebID : 1747

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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   277-480
	Power Factor (PF)	>.95
	THD	< 10%
	Dimming	1-10V
	Power Factor (PF)	50-60Hz
CONSTRUCTION	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
250	100	\$85.02	\$425.10

## 🔍 PRODUCT FAMILY MODELS

SKU	Watts	Lumens	Lumens/Watt
MLLG-E-LED-EXPLC-40-50-C1D1	40	5600	140
MLLG-E-LED-EXPLC-60-50-[V]-C1D1	60	8400	140
MLLG-E-LED-EXPLC-80-50-[V]-C1D1	80	11200	140
MLLG-E-LED-EXPLC-100-50-[V]-C1D1	100	14000	140
MLLG-E-LED-EXPLC-150-50-[V]-C1D1	150	21000	140
MLLG-E-LED-EXPLC-200-50-[V]-C1D1	200	28000	140
MLLG-E-LED-EXPLC-250-50-[V]-C1D1	250	35000	140



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