LE485E

HAZARDOUS - BOOTH - FRONT ACCESS

Paint and Powder Booths ● Blast Booths ● Clean Rooms ● Prep ● Sanding

The LE485E Series is a recessed mount, front access, LED paint booth luminaire. This LED fixture is available in 4 Ft. lengths with 1 or 2 rows of LED's; replacing your standard 4 lamp fluorescent fixture. The LE485E Series fixtures is designed to fit into a double wall booth. This fixture can be used with or without optics, has dimming capabilities, and is available with an EM option. Designed as a cost effective and energy efficient solution to replace or upgrade your booth to LED lighting.

LE485E	62		V1						
1	2	3	4	5	6	7	8	9	10

1 SERIES	2 SOURCE	3 CONFIGURATION	4 VOLTAGE	5 OPTIC	6 DIMMING	7 CCT
LE485E	**62:** 62W	**N1:** 1 Row-Narrow Housing **W1:** 1 Row-Wide Housing **W2:** 2 Row-Wide Housing	**V1:** 120-277VAC (50/60Hz)	**Blank:** None **A:** Diffused Acrylic	**Blank:** None **D1:** 0-10V	**3:** 3,500K **4:** 4,000K **5:** 5,000K

8 WIRE WHIP*	9 OPTIONS	10 MOUNTING LOCATIONS
Blank: None **WH:** Wire Whip (10ft.) *3-wire wire whip standard. Total number of leads dependent on options ordered.	**EM:** Battery/Driver Backup (90min.)	**H:** Hinged Lens w/ Interlock Switch* **CH:** Ceiling/ Hip Mount (No interlock switch or hinge) ** *H option for use in walls, ceiling, or hips **CH option for use in hip and ceiling only

CERTIFICATIONS

UL844 / CSA-C22.2 No.137 (Hazardous)
CI D2, Grps A,B,C,D
CII D2, Grps F,G
Paint Spray Listed
T Code: CI D2, CII D2 = T3C
UL1598 / CSA-C22.2 No.250 (Wet/Damp)
Lumen Maintenance (L70) >60,000 hrs. (reported)
CRI >80
-25°C to 55°C Ambient (IC / NonIC)

CONSTRUCTION

20 gauge white powder coated steel housing
Silicone free gaskets
4 Ft. length (nominal)
Diffused acrylic optic (optional)
Clear, tempered glass lens access panel
1/2" NPT Hub(s)
Weights: Min: 42 lbs. / Max: 68 lbs.

ELECTRICAL

120-277VAC
6kV Built-in driver surge protection
Standard Integral 6kV Surge Protection

***These products are Manufactured in the USA with both domestic and imported components; not all fixture configurations are compliant. Contact LDPI Sales with specific part number and requirement - Build America, Buy America, TAA or any other federal procurement act for compliance confirmation. Compliance confirmation can take up to 3 days.**

FEATURES

Optional Dimming: 0-10V
Recess mount - Front access
Withstands up to 71°C bake cycle for 90 minutes with fixture power interlock off
Emergency/Battery backup option available
Fits in the same cutout as Slim Light and 400 Series fluorescent fixtures
5 year warranty

Designed to fit into double wall booths.
Fixture recess depth 2.13 in.

PERFORMANCE

Source	Voltage (VAC) 50/60Hz	Input Current (A)	Wattage (W)	CCT	Lumen Output* (Lm)	
					No Optic	Diffused Arcylic Optic
62 (1&2 Row)	120-277	0.53 - 0.23	62	3,500K	7660	6140
				4,000K	7820	6270
				5,000K	7900	6330
Emergency Mode			10.4	3,500K	2,500	2,020
				4,000K	2,550	2,060
				5,000K	2,590	2,090

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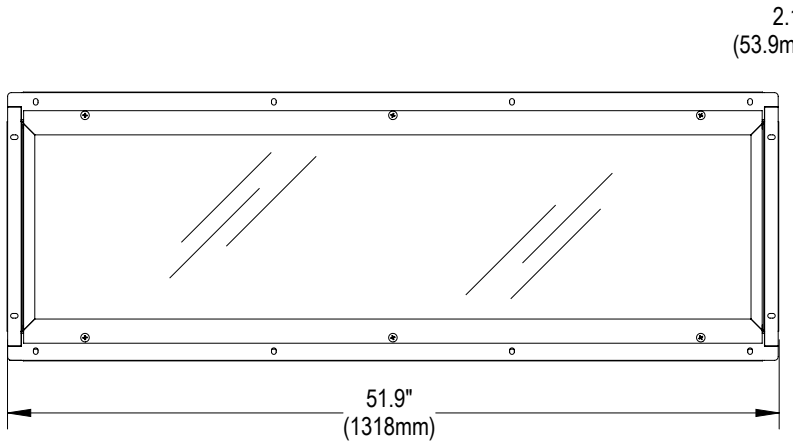
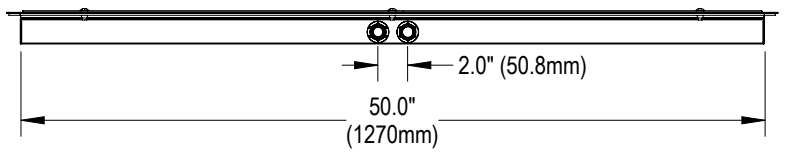
DIMENSIONS



Standard Fixture (1/2" NPT)

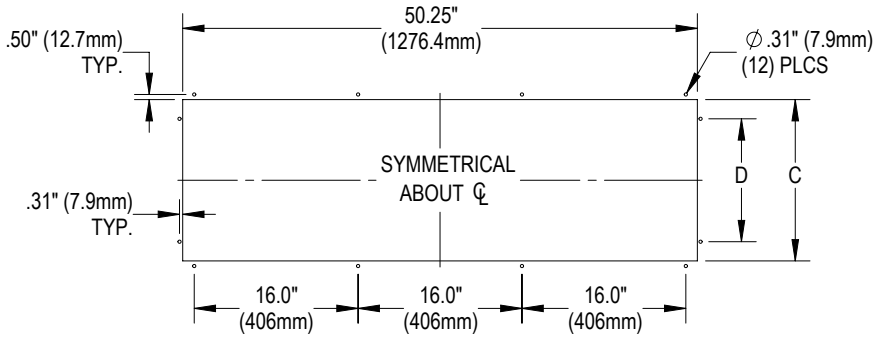


D1 Dimming Option (1/2" NPT)

Configuration	Dimensions* (in./mm)	
	A	B
N1: Narrow 1 Row	9.31" (236mm)	13.06" (332mm)
W1: Wide 1 Row **W2:** Wide 2 Row	14.31" (363mm)	18.06" (459mm)
	* Nominal dimensions	

Consult factory for custom hub locations

PANEL CUTOUT DIMENSIONS



Configuration	Dimensions* (in./mm)	
	C	D
N1: Narrow (1 Row)	10.75" (273.1mm)	7.0" (177.8mm)
W1: Wide (1 Row) **W2:** Wide (2 Row)	15.75" (400.1mm)	12.0" (304.8mm)
	* Actual dimensions	

No Optic

A. Diffused Acrylic Optic

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