



# LE485-2FT

## HAZARDOUS - BOOTH - FRONT ACCESS

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

The LE485-2FT Series is a recessed mount, front access, LED paint booth luminaire. This LED fixture is available in 2 Ft. lengths with 1, 2 or 3 rows of LED's. 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.



LE485-2FT		V1							
1	2	3	4	5	6	7	8	9	10

1 SERIES	2 SOURCE	3 VOLTAGE	4 OPTIC	5 DIMMING	6 CCT	7 WIRE WHIP*
LE485-2FT	22: 22W (1 Row) 32: 32W (1 Row) 50: 50W (2 Row) 62: 62W (2 Row) 70: 70W (3 Row) 90: 90W (3 Row)	V1: 120-277VAC (50/60Hz)	Blank: None A: Diffused Acrylic	Blank: None D1: 0-10V D2: DALI	3: 3,500K 4: 4,000K 5: 5,000K	Blank: None WH: Wire Whip (10ft.)  *3-wire wire whip standard. Total number of leads dependent on options ordered.
8 OPTIONS		9 MOUNTING LOCATIONS		10 CORD OPTIONS		
SP: Surge Protector (430 joules) 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.		HC15: Single 5-Male Pole Connector* HC1D: Single 5-Male Pole Connector + Single 2 Pole Dimming* (For use with D1 or D2 dimming)  *Models containing HCXX are suitable for Class I, Division 2 Groups A, B, C, D 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=T4  
UL1598 / CSA-C22.2 No.250 (Wet/Damp)  
Lumen Maintenance (L70) >60,000 hrs. (reported)  
CRI >80  
-25°C to 55°C Ambient (IC / Non IC)

### CONSTRUCTION

20 gauge white powder coated steel housing  
Silicone free gaskets  
2 Ft. length  
Clear, tempered glass lens access panel  
1/2" NPT Hub(s)  
Weights: Min: 21 lbs. / Max: 41 lbs.

### ELECTRICAL

120-277VAC  
6kV Built-in driver surge protection

### FEATURES

Dimming: 0-10V or DALI  
Recess mount - Front access  
Withstands up to 71°C bake cycle for 90 minutes with fixture  
power interlock off  
Emergency/Battery backup option available  
5 year warranty

\*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.

### PERFORMANCE

Source	Voltage (VAC) 50/60Hz	Input Current (A)	Wattage (W)	CCT	Lumen Output* (Lm)	
					No Optic	Diffused Acrylic Optic
22 (1 Row)	120-277	.18-.07	22	3,500K	2705	2205
				4,000K	2750	2250
				5,000K	2800	2290
32 (1 Row)		.27-.12	32	3,500K	3830	3070
				4,000K	3910	3135
				5,000K	3950	3165
50 (2 Rows)		.42-.18	50	3,500K	6345	5025
				4,000K	6475	5180
				5,000K	6540	5230
62 (2 Rows)		.52-.22	62	3,500K	7685	6180
				4,000K	7845	6305
				5,000K	7925	6370
70 (3 Rows)		.58-.25	70	3,500K	9335	7470
				4,000K	9530	7625
				5,000K	9625	7700
90 (3 Rows)		.75-.32	90	3,500K	11500	9315
				4,000K	11735	9510
				5,000K	11855	9605



1-800-854-0021 www.ldpi-inc.com  
LDPI® is a registered trademark of LDPI, Inc. © LDPI, Inc.

Product design and specifications subject to change without notice.  
Visit [www.ldpi-inc.com](http://www.ldpi-inc.com) for the most current version and photometric data. v.09.22.25

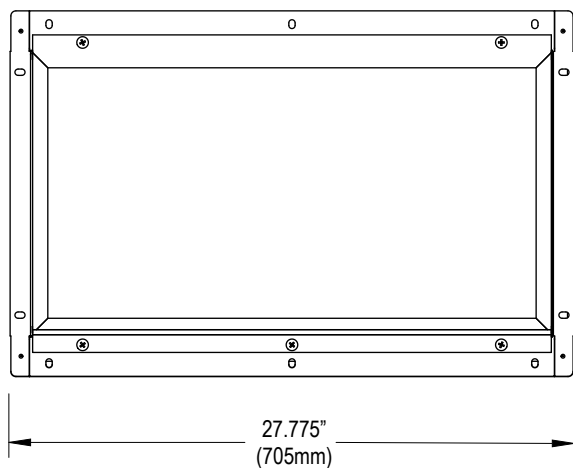
# LE485-2FT

## HAZARDOUS - BOOTH - FRONT ACCESS

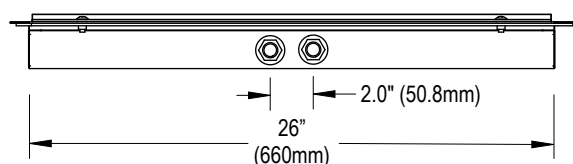
Paint and Powder Booths • Blast Booths • Clean Rooms • Prep • Sanding



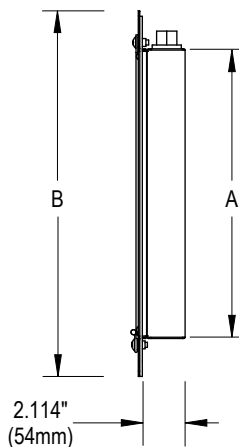
### DIMENSIONS



Standard Fixture & D2 Dimming Option (1/2" NPT)



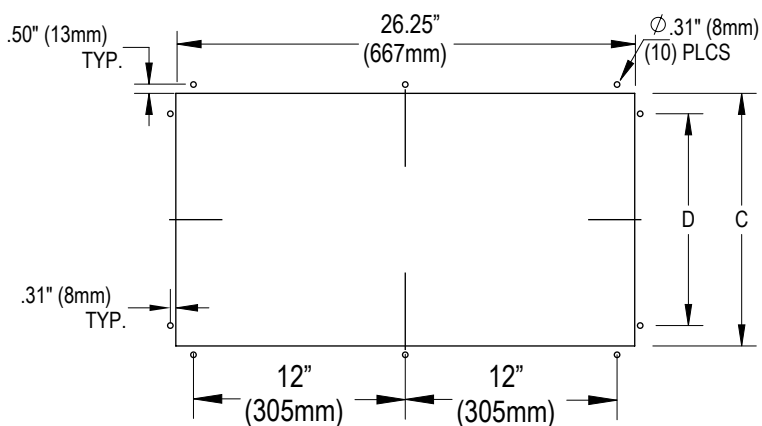
D1 Dimming Option (1/2" NPT)



Source	Dimensions* (in./mm)	
	A	B
22W / 32W (1 Row)	9.313" (237mm)	13.062" (332mm)
50W / 62W (2 Row)	14.313" (364mm)	18.062" (4569mm)
70W / 90W (3 Row)	19.313" (491mm)	23.062" (586mm)

Consult factory for custom hub locations

### PANEL CUTOUT DIMENSIONS



Source	Dimensions* (in./mm)	
	A	B
22W / 32W (1 Row)	10.75" (273mm)	12.565" (319mm)
50W / 62W (2 Row)	15.219" (387mm)	17.565" (446mm)
70W / 90W (3 Row)	20.219" (514mm)	22.565" (573mm)

