LE485

HAZARDOUS - BOOTH - FRONT ACCESS

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

The LE485 Series is a recessed mount, front access, LED paint booth luminaire. This LED fixture is available in 4 Ft. lengths with 1, 2 or 3 rows of LED's; replacing your standard 2, 4, and 6 lamp fluorescent fixture. 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		V1				WH		
1	2	3	4	5	6	7	8	9

1 SERIES	2 SOURCE	3 VOLTAGE	4 OPTIC	5 DIMMING	6 CCT	7 WIRE WHIP*
LE485	**43:** 43W (1 Row) **62:** 62W (1 Row) **100:** 100W (2 Row) **120:** 120W (2 Row) **140:** 140W (3 Row) **180:** 180W (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
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 / Non IC)

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 10kV 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
Fits in the same cutout as Slim Light and 400 Series

***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
43 (1 Row)	120-277	0.36-0.16	43	3,500K	5410	4410
				4,000K	5500	4500
				5,000K	5600	4580
62 (1 Row)		0.53-0.23	62	3,500K	7660	6140
				4,000K	7820	6270
				5,000K	7900	6330
100 (2 Rows)		0.83-0.36	100	3,500K	12690	10050
				4,000K	12950	10360
				5,000K	13080	10460
120 (2 Rows)		1.00-0.43	120	3,500K	15370	12360
				4,000K	15690	12610
				5,000K	15850	12740
140 (3 Rows)		1.17-0.51	140	3,500K	18670	14940
				4,000K	19060	15250
				5,000K	19250	15400
180 (3 Rows)		1.50-0.65	180	3,500K	23000	18630
				4,000K	23470	19020
				5,000K	23710	19210
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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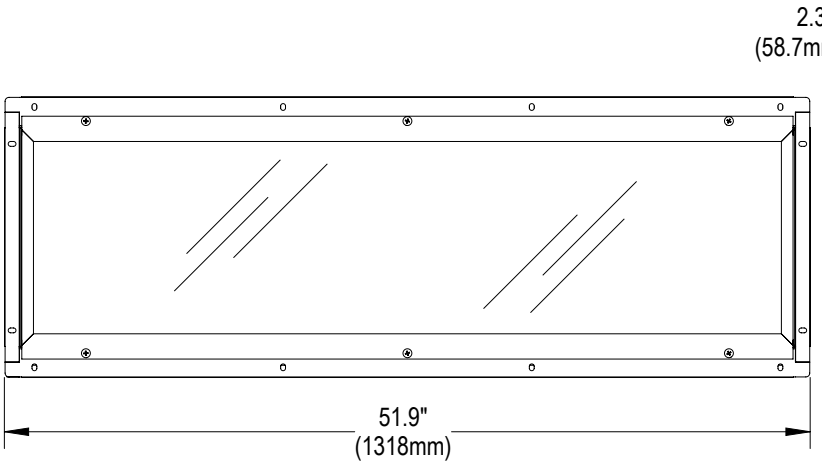
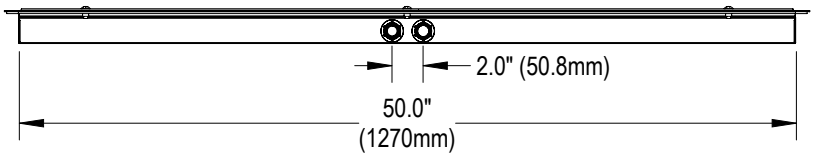
DIMENSIONS



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

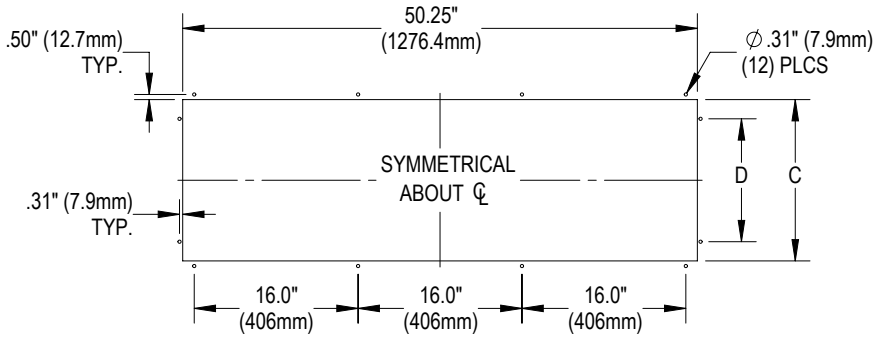


D1 Dimming Option (1/2" NPT)

Source	Dimensions* (in./mm)	
	A	B
43W / 62W (1 Row)	9.31" (236mm)	13.06" (332mm)
100W / 120W (2 Row)	14.31" (363mm)	18.06" (459mm)
140W / 180W (3 Row)	19.31" (490mm)	23.06" (586mm)
	* Nominal dimensions	

Consult factory for custom hub locations

PANEL CUTOUT DIMENSIONS



Source	Dimensions* (in./mm)	
	C	D
43W / 62W (1 Row)	10.75" (273.1mm)	7.0" (177.8mm)
100W / 120W (2 Row)	15.75" (400.1mm)	12.0" (304.8mm)
140W / 180W (3 Row)	20.75" (527.1mm)	17.0" (431.8mm)
	* Actual dimensions	

No Optic

A. Diffused Acrylic Optic

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