LE485R
LED BOOTH LIGHTING - REAR ACCESS

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

The LE485R Series is a hinged, **REAR ACCESS**, recessed mount, LED paint booth luminaire. The LE485R is made of a combination of 20 gauge cold rolled steel and .090 aluminum. This LED fixture is available in 4 Ft. lengths with 1, 2, or 3 rows of LEDs; 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.

LE485R			V1						
1	2	3	4	5	6	7	8	9	

1 SERIES	2 SOURCE	3 VOLTAGE	4 OPTIC	5 DIMMING	6 CCT	7 WIRE WHIP*
LE485R	**43:** 43W (1 Row) **62:** 62W (1 ROW) **62-2R:** 62W (2 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 CORD OPTIONS	
SP: Surge Protector (430 joules) **EM:** Battery/Driver Backup (90min.)	**HC13:** Single 3-Pole Male Pole Connector* **HC15:** Single 5-Pole Male Connector* **HC1D:** Single 5-Pole Male 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=T3C
UL1598 / CSA-C22.2 No.250 (Wet/Damp)
Lumen Maintenance (L70) >54,000 hrs. (reported)
CRI >80
-25°C to 55°C Ambient

CONSTRUCTION
20 gauge white powder coated steel housing
Hinged, rear access panel
Silicone free gaskets
Acrylic diffused lens (optional)
4 Ft. length (nominal)
Clear tempered glass panel
1/2" NPT Hub(s)
Weights: Min: 47lbs. / Max: 71lbs.

ELECTRICAL
120-277VAC
10Ft. 3-wire whip (standard)
6kV Built-in driver surge protection

FEATURES
0-10V Dimming or DALI
Recess mount - Rear access
Withstands up to 71°C bake cycle for 90 minutes with fixture power interlock off
Emergency/Battery backup option available
Fits the same opening as Slim Light Series
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

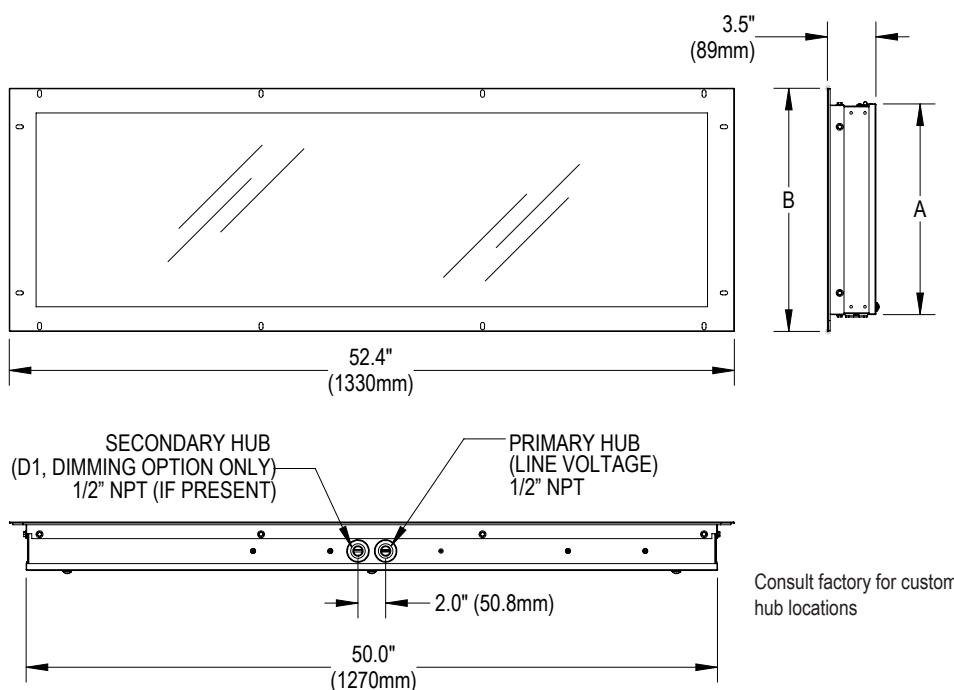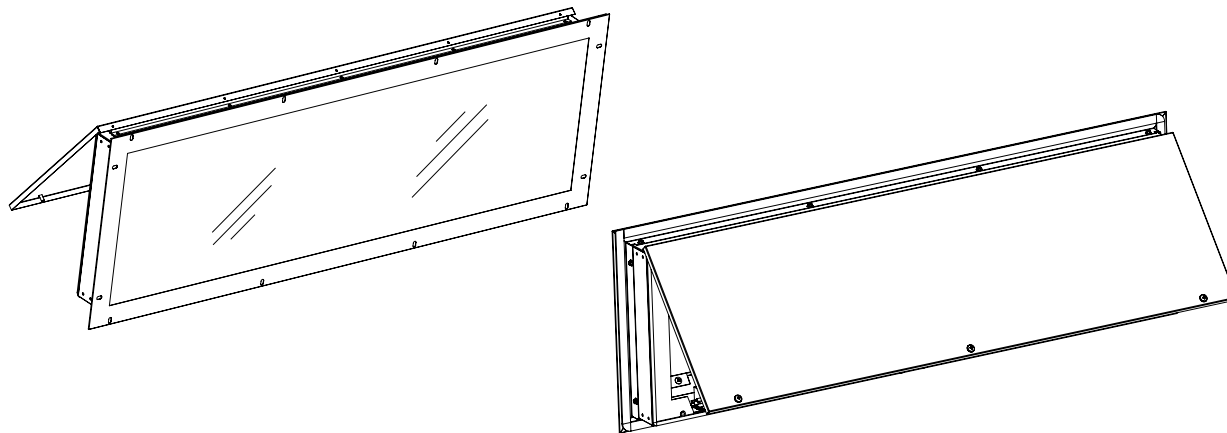| Source	Voltage (VAC) 50/60Hz	Input Current (A)	Wattage (W)	CCT	Lumen Output* (Lm)	
					No Optic	Diffused Acrylic Optic
43 (1 Row)		0.36-0.16	43	3,500K	5410	4410
				4,000K	5500	4500
				5,000K	5600	4580
62 (1 Row)		0.53-0.23	63	3,500K	7660	6140
				4,000K	7820	6270
				5,000K	7900	6330
100 (2 Rows)		0.83-0.36	100	3,500K	12690	10050
				4,000K	12950	10360
	120-277			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
Emergecny Mode			10.4	3,500K	2,500	2,020
				4,000K	2,550	2,060
				5,000K	2,590	2,090

1-800-854-0021   www.ldpi-inc.com
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DIMENSIONS

3.5"
(89mm)

52.4"
(1330mm)

SECONDARY HUB
(D1, DIMMING OPTION ONLY)
1/2" NPT (IF PRESENT)

PRIMARY HUB
(LINE VOLTAGE)
1/2" NPT

2.0" (50.8mm)

50.0"
(1270mm)

Consult factory for custom
hub locations

| Source | Dimensions* (in./mm) | |
	A	B
43 (1 Row)	10.0" / 254	13.0" / 330
62 (1 Row)		
62W (2 Row)	15.0" / 381	18.0" / 457
100 (2 Rows)		
120 (2 Rows)		
140 (3 Rows)	20.0" / 508	23.0" / 584
180 (3 Rows)		
* Nominal dimensions		

PANEL CUTOUT DIMENSIONS

50.25"
(1276.4mm)

.50" (12.7mm)
TYP.

⌀ .31" (7.9mm)
(12) PLCS

.31" (7.9mm)
TYP.

SYMMETRICAL
ABOUT ℄

16.0"
(406mm)

16.0"
(406mm)

16.0"
(406mm)
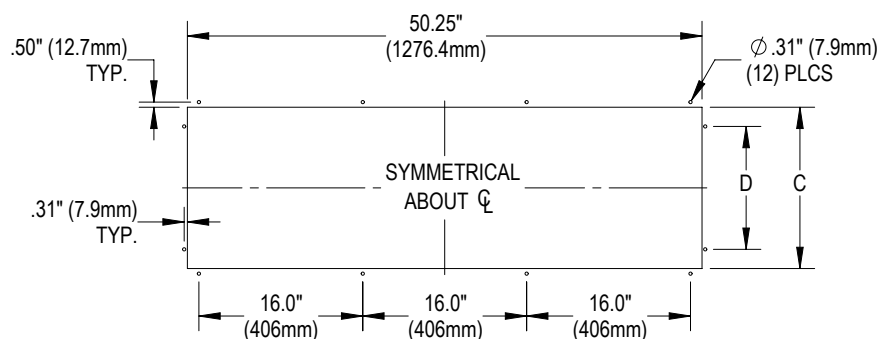
| Source | Dimensions* (in./mm) | |
	C	D
43 (1 Row)	10.75" / 273	7.0" / 178
62 (1 Row)		
62W (2 Row)	15.75" / 400	12.0" / 305
100 (2 Rows)		
120 (2 Rows)		
140 (3 Rows)	20.75" / 527	17.0" / 432
180 (3 Rows)		
* Actual dimensions		