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
EM: Battery/Driver Backup (90min.)

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
4 Ft. length (nominal)
Diffused acrylic optic (optional)
Clear, tempered glass lens access panel
1/2" NPT Hub(s)
Weights: Min: 47lbs. / Max: 71lbs.

ELECTRICAL

120-277VAC
10Ft. 3-wire whip (standard)
Standard Integral 10kV 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 in the same cutout as Slim Light and 400 Series fluorescent fixtures
5 year warranty

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	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
				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

***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.**

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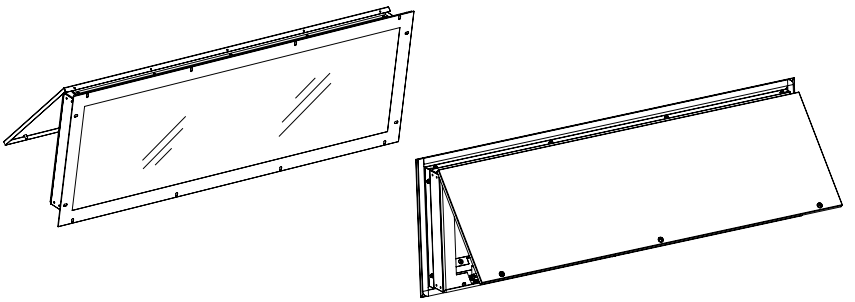
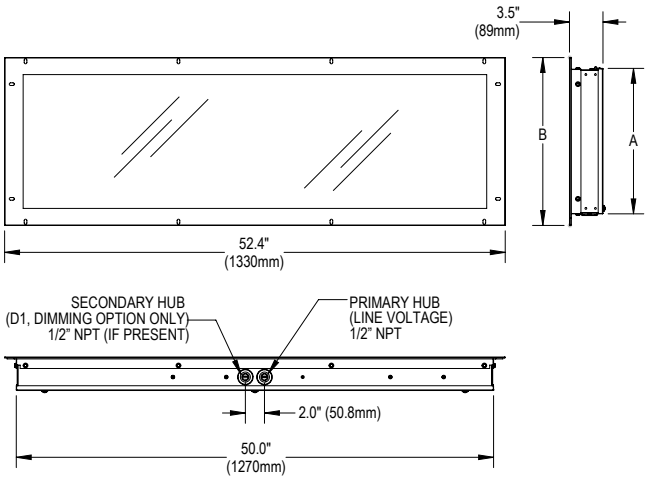
DIMENSIONS

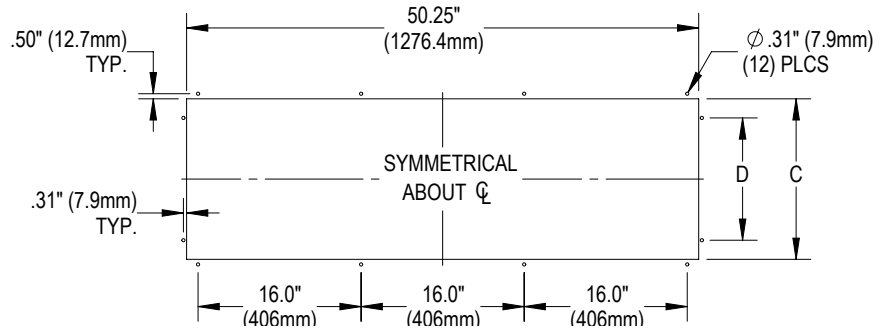




Source	Dimensions* (in./mm)	
	A	B
43 (1 Row)	10.0" / 254	13.0" / 330
62 (1 Row)		
62W (2 Row)	15.0" / 381	18.0" / 457
100 (2 Rows)		
120 (2 Rows)		
140 (3 Rows)	20.0" / 508	23.0" / 584
180 (3 Rows)		
	* Nominal dimensions	

Consult factory for custom hub locations

PANEL CUTOUT DIMENSIONS



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	

No Optic

A. Diffused Acrylic Optic

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Product design and specifications subject to change without notice.
Visit www.ldpi-inc.com for the most current version and photometric data. v.04.10.26