# 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)<br>**62:** 62W (1 ROW)<br>**62-2R:** 62W (2 Row)<br>**100:** 100W (2 Row)<br>**120:** 120W (2 Row)<br>**140:** 140W (3 Row)<br>**180:** 180W (3 Row) | **V1:** 120-277VAC (50/60Hz) | **Blank:** None<br>**A:** Diffused Acrylic | **Blank:** None<br>**D1:** 0-10V<br>**D2:** DALI | **3:** 3,500K<br>**4:** 4,000K<br>**5:** 5,000K | **Blank:**None<br>**WH:** Wire Whip (10ft.)<br><br>*3-wire wire whip standard. Total number of leads dependent on options ordered. |

| 8 OPTIONS | 9 CORD OPTIONS |
|---|---|
| **SP:** Surge Protector (430 joules)<br>**EM:** Battery/Driver Backup (90min.) | **HC15:** Single 5-Male Pole Connector*<br>**HC1D:** Single 5-Male Pole Connector + Single 2 Pole Dimming*<br>(For use with D1 or D2 dimming)<br>*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 |
| | | | | 5,000K | 13080 | 10460 |
| 120 (2 Rows) | 120-277 | 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 |

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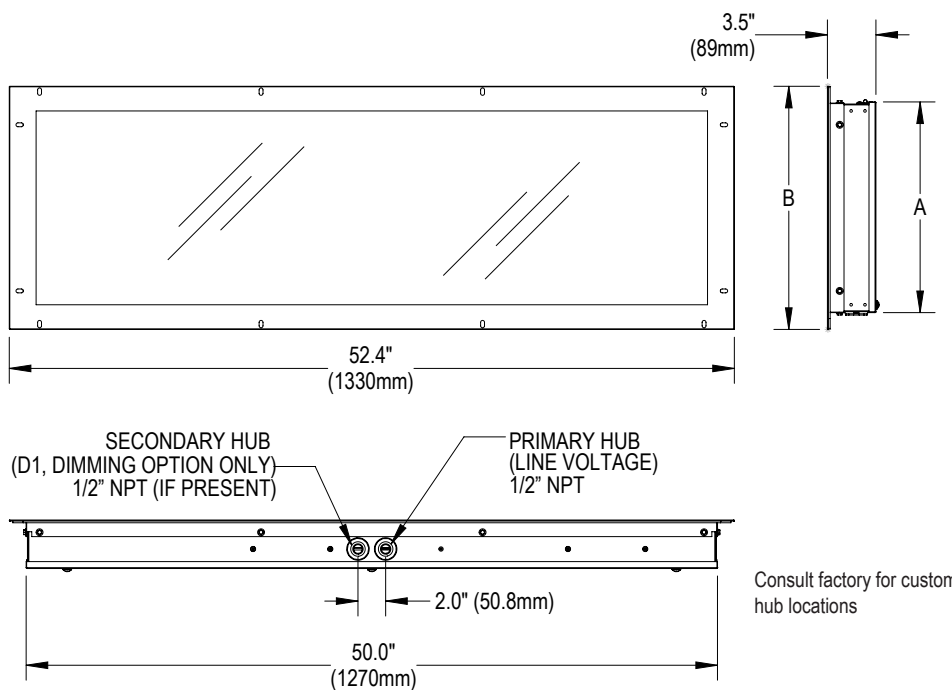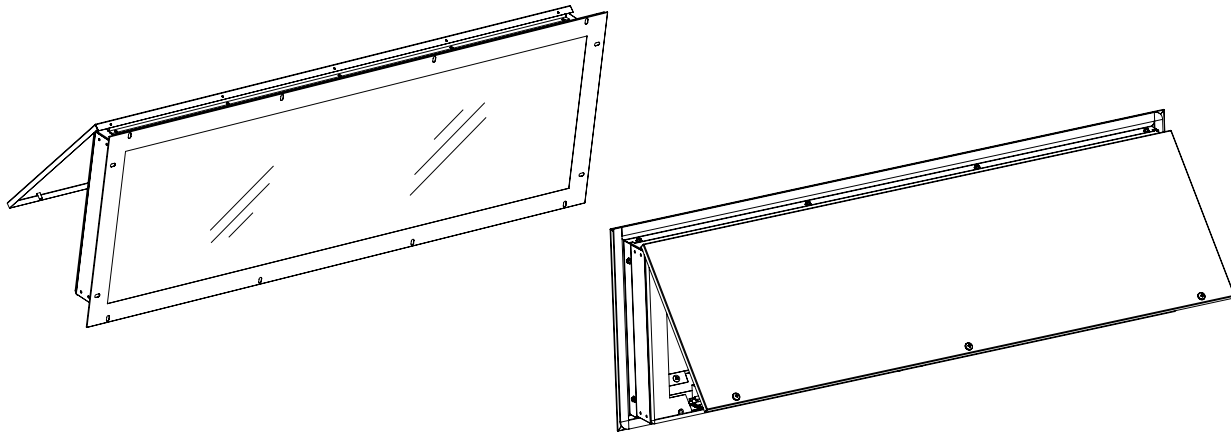
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## LED BOOTH LIGHTING - REAR ACCESS

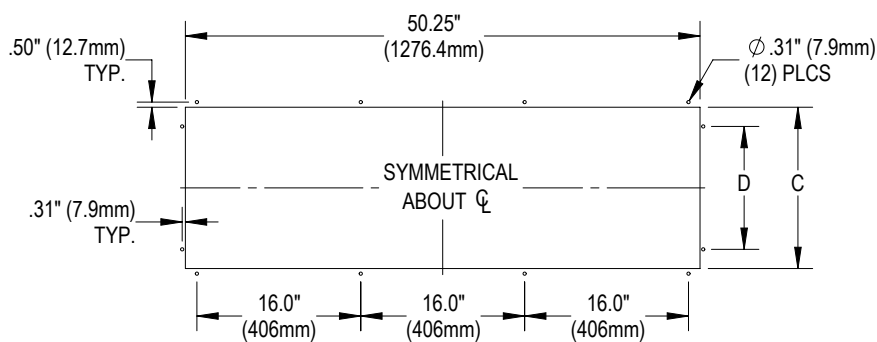Paint and Powder Booths ● Blast Booths ● Clean Rooms ● Prep ● Sanding



**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

| | Dimensions* (in./mm) | |
|---|---|---|
| **Source** | **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)

| | Dimensions* (in./mm) | |
|---|---|---|
| **Source** | **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 | | |

**LDPi** INDUSTRIAL LIGHTING

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