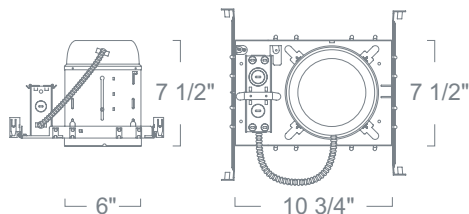


## Standard E26 Housing w/ Metal Baffle Airtight with Gasket LH7 SERIES - 6" LINE VOLTAGE RECESSED LIGHTING



### SPECIFICATION

Ceiling cut-out: 6 1/2"

**Application:** General purpose recessed downlight housing for medium to high ceilings for residential and light commercial applications. A variety of trims, compatible styles and finishes are available to achieve the proper décor and illumination.

**Housing:** Pre-wired housing adjusts up to a 1 1/2" ceiling thickness. Integral thermal protector to guard against improper lamping and installation. Housing provides an adjustable socket plate which allows for use of different lamp types. Trim is secured with torsion wing springs/standard coil springs or serrated clips.

**Mounting:** Housing suitable for new construction installations only, supplied with (2) 24" adjustable hanger bars with 90 degrees repositioning ability. Hanger bars equipped with nail-less install 3/4" serrated barbed studs and with captive nails, for faster and easier secure mounting in wood joists. Set-screws lock into position and prevent shifting after installation. Earthquake structural cable compatible for drop panel ceiling or any other mounting that requires direct support from structural ceilings.

**Socket:** Standard porcelain medium screw base socket with high temperature leads.

**Junction Box :** 16 gauge pre-wired galvanized steel Junction Box, 32 cubic-inch for a maximum of (8) #12 AWG wires. Furnished with (7) 3/4" and (4) Romex knock-outs. Strain clamps to install or remove covers for easy access and ground wire. Equipped with safety standard fitting for flex-conduit.

**Insulation Contact:** Non-IC rated housing must be kept 3" from insulation.

**Airflow:** Airtight option is designed to restrict air flow from room into plenums in compliance to the WSEC - Washington State Energy Code, (Less than 2.0 CFM -Cubic Feet per Minute). Complies to Title24 air flow requirements (Air-tight).

**Safety Labels:** UL/CUL listed for through-branch wiring (8) No.12 AWG 90°C and suitable for damp locations. NYC approved: Calendar #41937.

**Label:** UL Listed

### FEATURE:



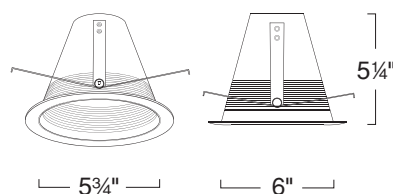
**Application:** Baffle downlights are used to minimize unwanted glare from the lamp source while providing a budget friendly design to provide general ambient light to an environment.

While the low reflectance level of black makes it the most effective color for baffle trims, white baffles have become the most popular option. The benefit of white baffles is that the trims blend with the ceiling when the lights are turned off. They are suitable for general illumination of residential and light commercial ceilings up to 9 feet. For a room with a typical eight-foot high ceiling, space 6" downlights apart approximately seven feet apart for general lighting applications.

**Mounting:** Steel pressure springs mounted on trim to ensure positive retention inside housing.

**Label:** UL Listed, cETL Listed

**Limitation:** Not for use w/Shallow Housings.



### STANDARD E26 HOUSING LH7 120V 150W Max R30/PAR30/PAR38/A19 MED E26

| RATING |              |
|--------|--------------|
| LH7    | :Standard    |
| LH7A   | :Airtight    |
| LH7ICA | :IC-Airtight |

### METAL BAFFLE AIRTIGHT WITH GASKET LRM33 120V 100W Max R30/PAR30/A19

| BAFFLE FINISH                   | RATING               |
|---------------------------------|----------------------|
| LRM33W:White Baffle/ White Ring | Blank :Damp Location |
|                                 | -WL :Wet Location    |

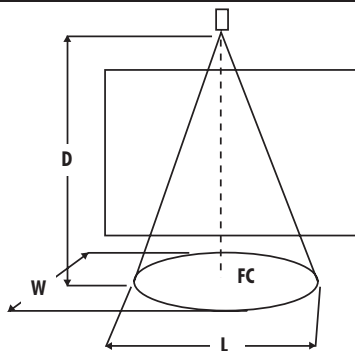
Ordering example: LH7/LRM33W-WL

## PROJECT INFORMATION

Type :

Project :

Catalog # :



- D : Distace to the horizontal or vertical surface.  
 FC : Initial foot candles at the center of the beam.  
 L : Length of the beam where candle power is reduced to 50% of center beam candle power.  
 W : Width of the beam where candle power is reduced to 50% of center beam candle power.

Lamp data given is typical and is based on bare lamp performance. Contact lamp manufacturers for availability and specific performance. Distance, length, and width given in decimal feet.

### PAR30 Halogen E26 Medium Base



0° Aiming Angle  
 Horizontal Foot candles  
 D FC L W

50W PAR30 / NSP7  
 Beam Spread = 7°  
 CBCP = 17,000  
 Rated Life = 3,000 Hrs.

|    |      |     |     |
|----|------|-----|-----|
| 5  | 1065 | 0.6 | 0.6 |
| 6  | 472  | 0.8 | 0.8 |
| 9  | 266  | 1.1 | 1.1 |
| 10 | 170  | 1.4 | 1.4 |

50W PAR30 / NFL25  
 Beam Spread = 25°  
 CBCP = 3,000  
 Rated Life = 3,000 Hrs.

|    |     |     |     |
|----|-----|-----|-----|
| 5  | 189 | 1.8 | 1.8 |
| 6  | 85  | 2.8 | 2.8 |
| 9  | 47  | 3.7 | 3.7 |
| 11 | 31  | 4.8 | 4.8 |

50W PAR30 / FL35  
 Beam Spread = 35°  
 CBCP = 1,600  
 Rated Life = 3,000 Hrs.

|    |     |     |     |
|----|-----|-----|-----|
| 4  | 101 | 2.5 | 2.5 |
| 7  | 45  | 4.1 | 4.1 |
| 8  | 26  | 5.5 | 5.5 |
| 10 | 17  | 6.8 | 6.8 |