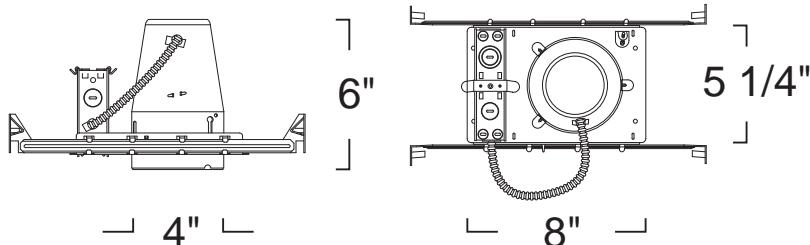


Standard E26 Housing w/ Baffle Dome Lens (Dimmable)

LH99 SERIES - 4" LINE VOLTAGE RECESSED LIGHTING (PAR20/PAR30)

**SPECIFICATION**

Ceiling cut-out: 4 1/2"

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

Housing: Pre-wired housing adjusts up to a 1 1/4" 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.

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, cETL Listed

FEATURE:

Application: 4" Economy 550+ LUMEN LED Downlight Fixture for Retrofit and New construction applications. Qualified as "High Efficacy" for Title 24 by California Energy

Mounting: Mounts into standard 4" General Purpose Recessed housing cans with Steel pressure springs mounted on trim to ensure positive retention inside housing. Alternate mounting methods available, consult factory.

Power Connection: Comes standard with GU24 socket mounted to top of fixture. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Lumen Maintenance: Minimum 35,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, finned heat sink design for maximum heat rejection to provide long LED life.

Driver: Electronic Direct Current driver mounted on fixture. Comes standard with Incandescent dimming. Smoothly dims down to 5% with standard Incandescent and Low Voltage dimmers.(ELV Dimming only for -DWM)

Color Temperature: Comes with 3,000K Warm White LED's binned according to ANSI C78.377A for color temperature and chromaticity ranges. Available with other color temperatures with ANSI binning between 2700K and 6500K. To order use "-T" Suffix followed by color temperature, consult factory as extended lead times and minimum order quantities apply. Example: 4,000K = -T40.

Safety Labels: ETL/cETL listed. Suitable for wet & damp locations. NYC approved: Calendar#41937.

Warm Dimming: With this new technology you can create the warm glow of traditional incandescent dimming, while offering extraordinary energy efficiency and service life of LED Lighting. Allow for fixture start at a full 3000K when at full-brightness and smoothly dim down to 5% level with the warm glow of 2200K using ELV dimming.

2016.8.29

STANDARD E26 HOUSING
LH99 120V 75W Max PAR30/PAR20 MED E26, 40W A19

RATING
LH99A:Airtight

BAFFLE DOME LENS (DIMMABLE)**LRELD443** 120V LED*Ordering example:* LH99A/LRELD443CO

| FINISH | COLOR TEMP OPTIONS | LUMENS | RATING |
|---|--|-------------------------------|--------------------------|
| LRELD443B :Black Baffle/White Ring | Blank :3000K | Blank :550 Lumen (13W) | Blank :None |
| LRELD443CO :Copper | -DMW :2200K-3000K Warm Dimming* | -L10 :900 Lumen (16W) | -WL :Wet Location |
| LRELD443MO :Mocha | -T27 :2700K | | |
| LRELD443N :Natural | | | |
| LRELD443W :White | | | |

* DWM is only available for 16W Lumen Package