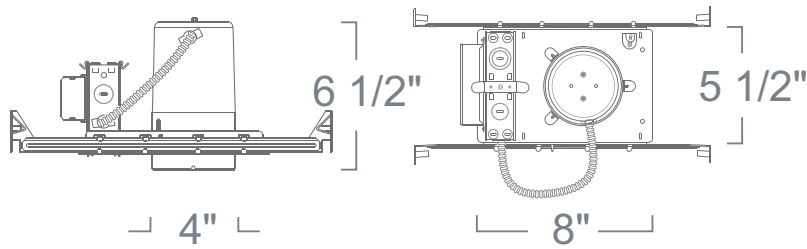


## Deep CFL Housing w/ Fire Barrier LH99P SERIES - 4" COMPACT FLUORESCENT RECESSED LIGHTING



### 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. 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.

**Ballast:** Electronic Class P 60Hz Ballast with Inherent thermal protection. For Double Twin Tube (DTT) or Triple Twin Tube Lamps (TTT). Sound A rated. Micro-Processor controlled. Min. starting temperature -10°C. Accessible from above or below the ceiling. Contact factory for detailed technical information on ballast specifications. Note: For dimming applications must use compatible dimmer switch. Consult specific ballast manufacturer for up-to-date compatibility list.

**Socket:** Thermo-plastic socket UL Listed rated for high temperature and provides nickel plated contacts. Accepts 4-Pin lamps with electronic ballast selection.

**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.

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

**Emergency Option:** Emergency back-up operates one lamp for a minimum of 90 minutes at 750 Lumens in case of power outage. Unit is remotely mounted. It includes battery, charger, and test switch with indicator light. Consult Factory for 1300 Lumen Package.

Label: cETL Listed

### FEATURE:



This galvanized welded steel enclosure is rated (able) for one-hour resistance to active fire. **LFB2012** enclosure is designed for use with both existing and new installation of Recessed Luminaires. Fulfills the required 1-hour-fire-resistance-rating, to operate as an active fire wall, with less effort.

#### FEATURES

- 24GA Galvanized welded steel constructed body
- 4 flanges with 3/16" nail/screw openings
- 16"/24" (apart) joist/stud applicable
- (6)1/2" knockouts provided for wire access
- UL/NFPA/ASTM evaluated; ETL certified.

#### INSTALLATION

The **LFB2012** requires a minimum of 9 1/2" Steel Stud or Wood Joist, and must be spaced either 16" or 24" apart. The Luminaire affixes to the interior of the Fire Barrier, **LFB2012** using self-tapping screws.

#### OPERATION

Liton's **LFB2012** acts as a physical barrier to stop the progress of an active fire. This one-hour minimum rating enclosure meets that of a typical 3/8" drywall barrier.

This unit eliminates the requirement to specify more costly fire rated luminaires and labor, such as, hand constructed drywall enclosures. Which normally are not consistent of uniform in their construction, as well as their ability to maintain the fire stop.

#### STANDARD APPROVALS

- ASTM-E119-00a
- UL263
- UBC 7-1
- NFPA 251
- ASI A2.1

Label: cETL Listed

Assembled in USA

### DEEP CFL HOUSING

**LH99P** CFL 13W DTT, 26W TTT

| WATTAGE + BALLAST                       | OPTIONS        |
|---|----------------|
| LH99PE :13W 120V                        | Blank :None    |
| LH99PUD :13W 120V/277V 0-10V Dimming    | -27 :120V/277V |
| LH99P-18E :18W 120V                     | -EM :Emergency |
| LH99P-18UD :18W 120V/277V 0-10V Dimming |                |
| LH99P-26E :26W 120V                     |                |
| LH99P-26UD :26W 120V/277V 0-10V Dimming |                |

\* 277V Not available for 13W Magnetic.

### FIRE BARRIER LFB2012

| INSIDE DEMENSIONS              |
|--------------------------------|
| LFB2012:19 3/8" X 12" X 9 1/2" |

Ordering example: LH99P-26E-EM/LFB2012