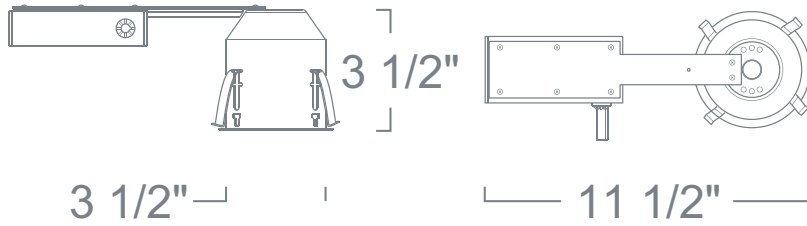


## Shallow Remodel Housing w/ Fire Barrier

### LH1399 SERIES - 3" LOW VOLTAGE RECESSED LIGHTING



#### SPECIFICATION

*Ceiling cut-out: 3 3/4"*

**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 1 1/4" ceiling thickness. This housing has torsion remodeling clips for secure installation. 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. Designed to be installed in existing sheet rock ceilings via ceiling cut out (above ceiling access is not required).

**Mounting:** Housing suitable for existing or new construction installations, supplied with high tension remodeling clips, designed to secure the housing to an existing sheetrock ceiling for fast and easy installation.

**Transformer:** Class 2 Noise-Free Electronic transformer installed adjacent to Junction Box, bottom and top accessible. Dimmable with dimmers designed for Electronic Low Voltage Loads. Thermally protected rated for 90° C.

**Socket:** 2-pin porcelain socket with aluminum heat sink plate. Lamp clips to trim to ensure proper and consistent positioning.

**Junction Box:** 16 gauge pre-wired aluminum Junction Box, suitable for through branch wiring for a maximum of (4) #12 AWG wires. Furnished with (2) 3/4" knock-outs. Screw-in or out 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:** ETL/CETL listed for through-branch wiring (8) No.12 AWG 90°C and suitable for damp locations. NYC approved: Calendar #41937.

**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.

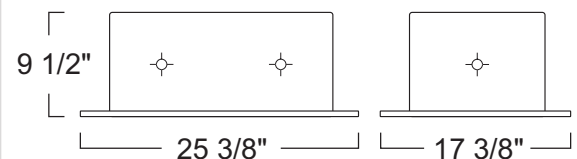
This unit eliminates the requirement to specify more costly fire rated luminaires and labor, such as, hand constructed drywall enclosures. Which normally are not consistent of uniform in their construction, as well as their ability to maintain the fire stop.

#### STANDARD APPROVALS

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

**Label:** cETL Listed

**Assembled in USA**



#### SHALLOW REMODEL HOUSING

##### LSH1399RE 12V Out 37W Max MR16

RATING	VOLTAGE
LSH1399RE :Electronic	Blank :120V
	-27 :277V

#### FIRE BARRIER

##### LFB2012

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

**Ordering example:** LSH1399RE/LFB2012