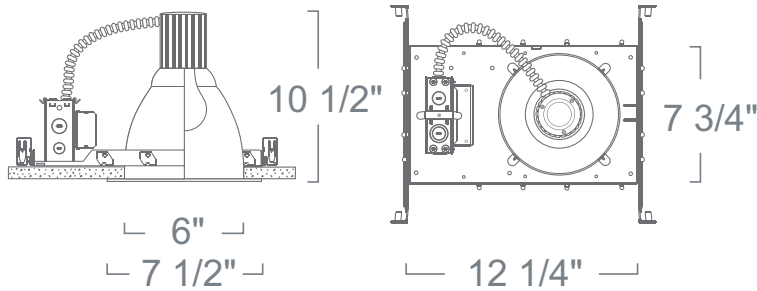


Light Commercial Housing w/ Fire Barrier

LH660 SERIES - 6" LIGHT COMMERCIAL INCANDESCENT RECESSED LIGHTING



SPECIFICATION

Ceiling cut-out: 6 1/2"

Application: Architectural-grade recessed downlight housing for low to medium height ceilings and commercial installations. A variety of trims, compatible styles and finishes are available to achieve the proper décor and illumination.

Housing & Mounting Frame: 18 gauge galvanized flat frame with powder coat finish. Supplied with (2) 24" adjustable bar hangers (90 degrees repositioning ability). Bar hangers equipped with (nail-less installation) 3/4" serrated barbed studs for secure mounting in wood joists. Can also be mounted to grid panel ceiling. Earthquake structural cable compatible for drop panel ceiling or any other mounting that requires direct support from structural ceilings.

Socket Cap: Extruded aluminum socket cap, 1 1/4" vertically adjustable socket arm with set screw which enables the use of multiple lamp types and repositioning to optimize lamp performance. Furnished with heat sink fins to vent lamp heat and extend lamp life. Accepts compatible reflector trims.

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

Junction Box: 16 gauge pre-wired galvanized steel double Junction Box, 64 cubic-inch for a maximum of (8) #12 AWG wires. Furnished with (10) 3/4", (2) 1" and (8) Romex knock-outs. Strain clamps to install or remove covers for easy access and ground wire. Equipped with safety standard die-cast aluminum 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: UL Listed, 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.

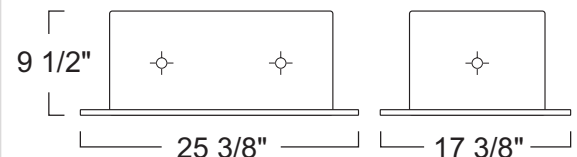
This unit eliminates the requirement to specify more costly fire rated luminaires and labor, such as, hand constructed drywall enclosures. Which normally are not consistent of uniform in their construction, as well as their ability to maintain the fire stop.

STANDARD APPROVALS

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

Label: cETL Listed

Assembled in USA



LIGHT COMMERCIAL HOUSING
LH660 120V 150W PAR38/A19 MED E26

WATTAGE
LH660:150W

FIRE BARRIER
LFB2012

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

Ordering example: LH660/LFB2012