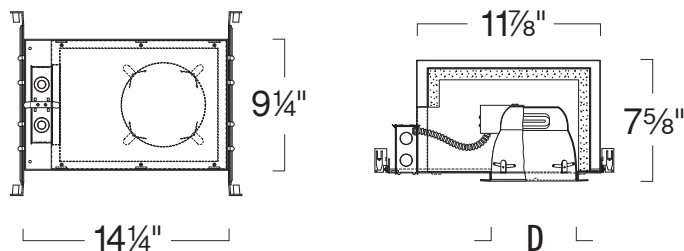


## 6" Architectural Fire-Rated Housing (1-Lamp) w/ Cross Blade

### LFH6 SERIES - 6" HORIZONTAL CFL RECESSED LIGHTING



#### SPECIFICATION

Ceiling cut-out: 6 3/4"

**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.

**Fire Rating:** Stops the progress of an active fire. Meets the fire-stop capabilities of a typical 5/8" gypsum board (drywall) barrier. Eliminates the requirement to specify more expensive fire-rated materials or the use of manually constructed drywall enclosures.

Patented dual-layer housing is constructed of 20-gauge aluminum designed to maintain the continuity of fire-rated ceiling assemblies, subject to L500.

UL Certifications and Approvals for One-Hour Fire Rating: UL263, CAN/ULC S101-07, ASTM E119-00A, UBC7-1, NFPA 251 an ASI A2.1 under U.S. Patent

**Housing Frame:** 16 gauge galvanized plaster ring with powder coat finish, six friction clips secure trim to housing for ceilings up to 1 3/4" thick. Triple slot bat-wing hanger brackets accommodate multiple bar hanger systems.

**Mounting:** Housing suitable for new construction installations only, Bat-Wing bar hanger brackets adjust vertically 3 1/4" for multiple ceiling types and accepts 1/2" EMT, 26" C-Channel Strut (C260) for T-bar ceilings and 27" linear hanger bars (L270) for wood joists. Heavy duty 16-gauge, die-formed galvanized steel. 1 1/4" maximum ceiling thickness.

**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 Cap:** Heavy-Duty steel socket enclosure with built-in ventilations. Die-cast aluminum fittings. Accepts compatible reflector trims.

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

**Insulation Contact:** IC rated housing rated for direct contact with low to medium density loosefill blown and rolled insulation.

#### FEATURE:



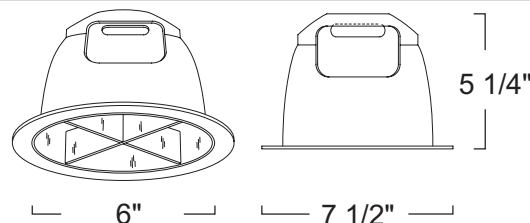
**Application:** Architectural-grade recessed downlight reflector for medium to high ceilings in commercial and architectural installations. Reflector designed for minimal glare from lamp without sacrificing lumen output.

**Mounting:** Pre-punched key holes allow mounting of socket cap assembly for housing, with vertically adjustable socket cap. Reflector held in place with 6 steel pressure springs mounted on housing frame.

**Warranty:** Covered by a 3 Year Warranty to be free of defects in materials and craftsmanship.

**Label:** UL Listed, cETL Listed

**Assembled in USA**



#### 6" ARCHITECTURAL FIRE-RATED HOUSING

LFHFRFL6 (1) 32W Max CFL

| WATTAGE            | BALLAST                               | OPTIONS                 |
|--------------------|---------------------------------------|-------------------------|
| LHFRFL6113:(1) 13W | UE :120V/277V Electronic              | Blank :None             |
| LHFRFL6118:(1) 18W | UD :0-10V Dimming (120V/277V)         | -EM :Emergency (Remote) |
| LHFRFL6126:(1) 26W | ADV-SM :120V/277V Smart Mate          | -EMA :Emergency (Trim)  |
| LHFRFL6132:(1) 32W | ADV-M7 :120V/277V Mark VII Dimming    | -FS :Fuse               |
|                    | ADV-M10 :120V Mark X Dimming*         |                         |
|                    | ADV-M10-27:277V Mark X Dimming**      |                         |
|                    | LUT-HL :120V Lutron 3-Wire Dimming    |                         |
|                    | LUT-TW :120V Tu-Wire Dimming          |                         |
|                    | LUT-HL-27 :277V Lutron 3-Wire Dimming |                         |
|                    | UE-347 :347V Electronic               |                         |

\* Not available for 13W option. \*\*18W only

#### CROSS BLADE

LR668 CFL (2) 26W DTT, (1) 42W TTT

| REFLECTOR FINISH                                 |
|--------------------------------------------------|
| LR668CCF :Clear Reflector/Clear Flange           |
| LR668CNF :Clear Reflector/Natural Flange         |
| LR668CWF :Clear Reflector/White Flange           |
| LR668SSF :Satin Haze Reflector/Satin Haze Flange |
| LR668SWF :Satin Haze Reflector/White Flange      |
| LR668WWF :White Reflector/White Flange           |

Ordering example: LHFRFL6118UE/LR668CCF