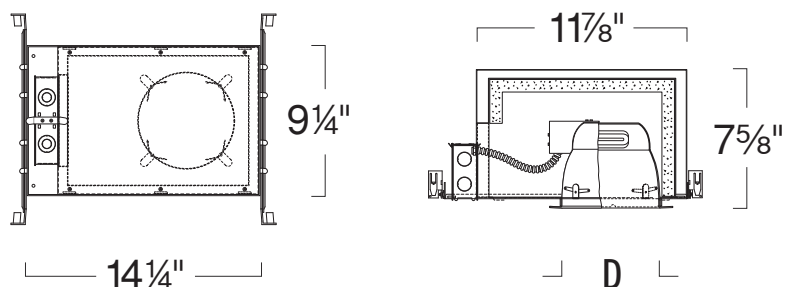


LHFRFL6 - 6" ARCHITECTURAL FIRE-RATED HOUSING (2-LAMP) 6" ARCHITECTURAL HORIZONTAL COMPACT FLUORESCENT HOUSINGS



SPECIFICATION

(2) 18W Max CFL

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.

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

COMPATIBILITY

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|  LR643 BAFFLE W/ GLASS ACCENT |  LR661 SELF-FLANGED REFLECTOR |  LR669 SELF-FLANGED LENSED WALL WASH |
|  LR641 REFLECTOR W/ GLASS ACCENT |  LR662 REFLECTOR W/ LENS |  LR663 SELF-FLANGED BAFFLE REFLECTOR |
|  LR668 CROSS BLADE |  LR6641 REFLECTOR W/ GLASS RING |  LR664 BAFFLE W/ LENS |

Note: Wattage limitations on compatible items must be met.

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.

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

FEATURE:



ORDERING EXAMPLE : LHFRFL6213UE-347

| LHFRFL6 | WATTAGE | BALLAST | OPTIONS |
|---------|-------------|-----------------------------------------|-------------------------|
| LHFRFL6 | 213:(2) 13W | ADV-M10:120V Mark X Dimming* | Blank :None |
| | 218:(2) 18W | ADV-M7 :120V/277V Mark VII Dimming | -EM :Emergency (Remote) |
| | | ADV-SM :120V/277V Smart Mate | -EMA :Emergency (Trim) |
| | | LUT-HL :120V/277V Lutron 3-Wire Dimming | -FS :Fuse |
| | | LUT-TW :120V Tu-wire Dimming | |
| | | UD :0-10V Dimming (120V/277V) | |
| | | UE :120V/277V Electronic | |
| | | UE-347 :347V Electronic | |

* Not available for 13W option.

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