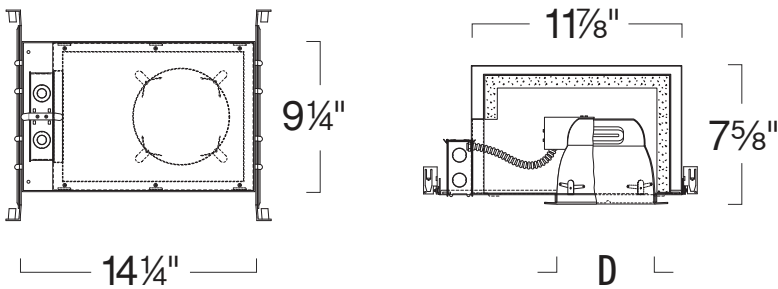


## LHFRFL6 - 6" ARCHITECTURAL FIRE-RATED HOUSING (1-LAMP) 6" ARCHITECTURAL HORIZONTAL COMPACT FLUORESCENT HOUSINGS



### SPECIFICATION

(1) 32W 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.

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

**Safety Labels:** STC (Sound Transmission Class), and IIC (Impact Insulation Class) compliant.

### COMPATIBILITY

 <a href="#">LR6641</a> REFLECTOR W/ GLASS RING	 <a href="#">LR643</a> BAFFLE W/ GLASS ACCENT	 <a href="#">LR661</a> SELF-FLANGED REFLECTOR
 <a href="#">LR669</a> SELF-FLANGED LENSED WALL WASH	 <a href="#">LR668</a> CROSS BLADE	 <a href="#">LR641</a> REFLECTOR W/ GLASS ACCENT
 <a href="#">LR662</a> REFLECTOR W/ LENS	 <a href="#">LR663</a> SELF-FLANGED BAFFLE REFLECTOR	 <a href="#">LR664</a> BAFFLE W/ LENS

Note: Wattage limitations on compatible items must be met.

**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.

**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).

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### FEATURE:



ORDERING EXAMPLE : LHFRFL6118UE

LHFRFL6	WATTAGE	BALLAST	OPTIONS
LHFRFL6	<b>113:</b> (1) 13W	<b>UE</b> :120V/277V Electronic	<b>Blank</b> :None
	<b>118:</b> (1) 18W	<b>UD</b> :0-10V Dimming (120V/277V)	<b>-EM</b> :Emergency (Remote)
	<b>126:</b> (1) 26W	<b>ADV-SM</b> :120V/277V Smart Mate	<b>-EMA</b> :Emergency (Trim)
	<b>132:</b> (1) 32W	<b>ADV-M7</b> :120V/277V Mark VII Dimming	<b>-FS</b> :Fuse
		<b>ADV-M10</b> :120V Mark X Dimming*	
		<b>ADV-M10-27</b> :277V Mark X Dimming**	
		<b>LUT-HL</b> :120V Lutron 3-Wire Dimming	
		<b>LUT-TW</b> :120V Tu-Wire Dimming	
		<b>LUT-HL-27</b> :277V Lutron 3-Wire Dimming	
		<b>UE-347</b> :347V Electronic	

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

ID#: 2850