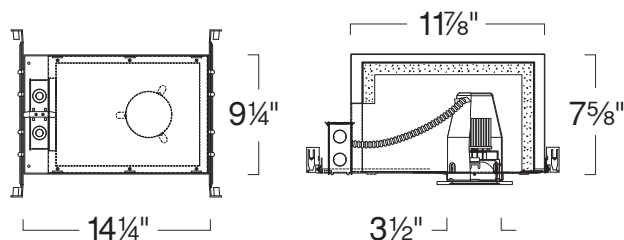


3" Fire-Rated LED Housing (700lm) w/ 3" Micro-cast Reflector (700lm/1000lm) 3" LED



SPECIFICATION

Ceiling cut-out: 3 7/8"

Application: This miniature General Purpose LED housing is perfect for low to medium height ceilings in residential and light commercial applications. Its small aperture makes it ideal for strategic placement where space is limited and energy savings is important. A variety of trim styles, finishes, and beam spreads are available to achieve a desired look.

Housing: Pre-wired housing adjusts up to a 1 1/4" ceiling thickness. Integral thermal protector to guard against improper lamping and installation. Trim is secured via positive retention friction clips.

Mounting: Housing suitable for new construction installations only, supplied with (2) 24" adjustable hanger bars with 90 degrees repositioning ability. Hanger bars equipped with nail-less install 3/4" serrated barbed studs and with captive nails, for faster and easier secure mounting in wood joists. Set-screws lock into position and prevent shifting after installation. Earthquake structural cable compatible for drop panel ceiling or any other mounting that requires direct support from structural ceilings.

Power Connection: LED heat sinked lamp module is replaceable via onboard quick exclusionary disconnect terminal. No tools required. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Driver: Electronic Direct Current U.L. Listed driver mounted away from LED Array for cool operation and end-of-life modularity. Comes standard with 120VAC input, available with optional 120V/277V universal voltage input. Consult factory.

Dimming: Standard dimming option smoothly dims down as low as 10% of initial light output with flicker-free operation works with standard Incandescent dimmers. Factory qualified for use with LUTRON Brand Dimmers: S600PR, DVSCCL-153P & DV600PR as well as Leviton® IP106-600V. Also dims with Electronic Low Voltage dimmers. Factory qualified for use with LUTRON Brand Dimmers: SELV-300P, DVELV-300P, NELV-450 along with 3-Way versions. "-DUN" Universal Dimming Option dims with above mention dimming controls along with standard 0-10V dimming signals.

Emergency Options: Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch and plate cover included. Optional Generator Transfer Device switches the driver to auxiliary generator power during the loss of normal AC power, (recommended for applications requiring individual circuit switching).

Junction Box : 16 gauge pre-wired galvanized steel Junction Box, 32 cubic-inch for a maximum of (8) #12 AWG wires. Furnished with (7) 3/4" and (4) Romex knock-outs. Strain clamps to install or remove covers for easy access and ground wire. Equipped with safety standard fitting for flex-conduit.

FEATURE:



Application: This miniature general purpose LED trim is perfect for low to medium height ceilings in residential and light commercial applications. Its small aperture makes it ideal for strategic placement where space is limited and energy savings is important. A variety of finishes and beam spreads are available to achieve a desired look and lumen output.

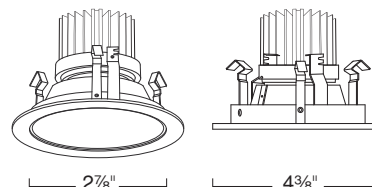
Gasket: Supplied with gasket to prevent light leakage and unsightly heat streaks on ceiling surface.

Power Connection: LED heat sinked lamp module is replaceable via onboard quick exclusionary disconnect terminal. No tools required. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Lumen Maintenance: Minimum 35,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, finned heat sink design for maximum heat rejection to provide long LED life.

Warranty: Covered by a 3 Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C, installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.



3" FIRE-RATED LED HOUSING (700LM) LHFRD39C20 10W LED

DIMMING	OPTION
LHFRD39C20 :120V ELV/Triac Dimming	Blank :None
LHFRD39C20UE-DUN:120V-277V 0-10V/ELV/Triac Dimming	-EM :Emergency Backup*

* Above ceiling access required for EM option.

3" MICRO-CAST REFLECTOR (700LM/1000LM) LRLD1321 10W/13W LED

Ordering example: LHFRD39C20-EM/LRLD1321W-B25

FINISH	BEAM SPREAD	COLOR TEMP	LUMENS
LRLD1321B :Black Reflector/White Ring	-B25:Narrow Flood	Blank :3000K (90CRI)	Blank:700lm (10W)
LRLD1321C :Clear Reflector/White Ring	-B40:Flood	-T27 :2700K (90CRI)	-L10:1000lm (13W)
LRLD1321CO :All Copper	-B60:Wide Flood	-T35 :3500K (90CRI)	
LRLD1321N :All Natural		-T40 :4000K (90CRI)	
LRLD1321SN :Satin Reflector/Natural Ring			
LRLD1321W :All White			