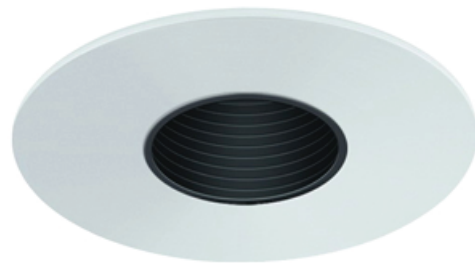
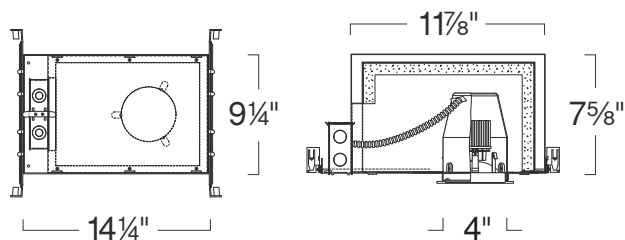


4" Fire-Rated LED Housing (700lm/1000lm) w/ 4" Pinhole W/Phenolic Baffle (500lm) 4" LED



SPECIFICATION

Ceiling cut-out: 4 3/8"

Application: This energy efficient General Purpose recessed LED housing is perfect for low to medium height ceilings in residential and light commercial applications. 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 and available with optional 120V/277V universal voltage input.

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# IP106-600W. 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.

Insulation Contact: Energy Efficient LED housing comes standard with IC rating for direct contact with loosefill blown and rolled insulation. (Due to higher temperatures in insulation environments, L70 Life Expectancy will be reduced by 35% for Non-Lensed Fixtures, and 50% for Lensed Fixtures when used with thermal insulation.)

FEATURE:



Application: These narrow aperture beams allow a defined location to be lit without affecting the surrounding surfaces while concealing the lamp image and providing a consistent ceiling appearance. The smaller the aperture the more confined the illumination.

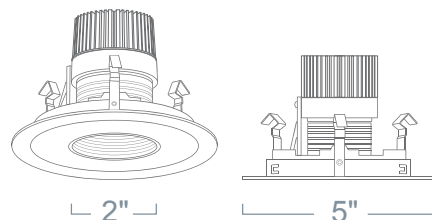
Pinhole trims provide the type of precise illumination needed for artwork such as paintings and statues. They are also ideal for cozy environments like restaurants and living spaces where glare-free illumination is desired. Aside from accent lighting, they can also be utilized for task lighting applications such as above tables, workspace, cabinetry, and other locations where a directed beam is desired.

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.



4" FIRE-RATED LED HOUSING (700LM/1000LM) LHFRLED49C20 10W LED

DIMMING	OPTIONS
LHFRLED49C20 :120V ELV/Triac Dimming	Blank :None
LHFRLED49C20UE-DUN:120V-277V 0-10V/ELV/Triac Dimming	-EM :Emergency Backup*

* Above ceiling access required for EM option.

4" PINHOLE W/PHENOLIC BAFFLE (500LM) LRLD1419 10W LED

FINISH	COLOR TEMP
LRLD1419B :Black Reflector/Black White	Blank :3000K (90CRI)
LRLD1419BB :Black Reflector/Black Ring	-T27 :2700K (90CRI)
LRLD1419MO :All Mocha	-T35 :3500K (90CRI)
LRLD1419W :All White	-T40 :4000K (90CRI)

Ordering example: LHFRLED49C20/LRLD1419B