

# RR6-614-D-NC-PAR30

## Installation Instructions (Dimming)(New Construction)

# CLARTÉ™ LIGHTING

### CAUTION!

READ AND FOLLOW ALL SAFETY AND INSTALLATION INSTRUCTIONS CAREFULLY. TURN OFF ELECTRICAL POWER BEFORE STARTING INSTALLATION.

**WARNING** - Before starting installation, disconnect power by turning off the circuit breaker or by removing the appropriate fuse at the fuse box. Do not install any luminaire assembly closer than 6" from any curtain or similar combustible materials. Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components. Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician. Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire. To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation. **Consult a qualified electrician before installing. Work should be performed by qualified personnel.**

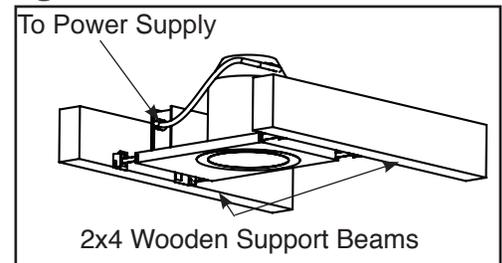
SAVE THESE INSTRUCTIONS

Check if the power source is suitable. Power should be supplied by a **120V/277 Volt, 60 Hz**, single circuit. The connection box should be directly supported by the building structure. A standard **120 Volt, 15 amp** branch circuit is designed to carry a **maximum load of 1800 Watts**. We recommend that the total wattage of all the lights and appliances on that circuit not **exceed 80% or 1440 Watts** of the maximum electrical capacity.

### New wood frame Construction

1. Insert two hanger bars into the slots located on either side of the plaster frame. The nail-in tabs point away from the fixture. Repeat on the other side.
2. Fasten the hanger bars to the joist using screws or nails. The bottom of the bars should be flush with the bottom of the joist.
3. The fixture must be situated in a manner that allows access to the junction box. Slide the fixture along the hanger bars to desired position and secure by depressing one set of the plaster frame prongs together.
4. Trim Connection - See **Figure 1**.
5. Feed the flex with the supply wires to the junction box. Make your electrical connections and replace snap-lock cover.

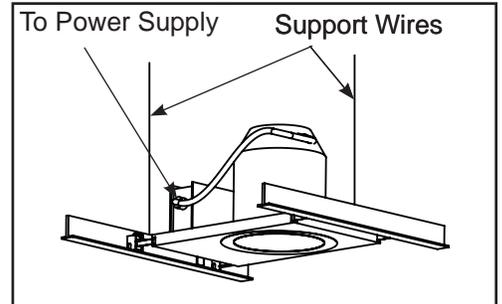
Figure 1. Wood frame Construction



### Suspended Ceilings

1. Choose the location for the fixture, taking into consideration the **7 1/2" high clearance** from any combustible material. Remove the ceiling tile, **cut a 6 1/4" diameter hole** in the appropriate location and replace it onto the ceiling grid.
2. Remove a neighboring ceiling tile for access to the installation location.
3. Spread the hanger bars so they attach on the suspended ceiling grid frame and secure properly.
4. Attach two support wires (**not included**) at opposite corners from above structure to the two holes located in the corners of the plaster frame. Failure to do this could eventually result in the collapse of the ceiling tile.
5. Feed the flex with the supply wires to the junction box. Make your electrical connections and replace snap-lock cover.

Suspended Ceiling



### Wiring

1. Connect **Ballast Black** wire to **Power Black** wire, connect **Ballast White** wire to **Power White** wire, connect **Ballast Ground** wire to **Power Ground** wire, connect **Ballast Red** wire to **Socket Red** wire, connect **Ballast Blue** wire to **Socket Blue** wire.

### Remodeling with above ceiling access

1. Choose the location for the fixture, taking into consideration the location of the joist, the **7 1/2" high clearance**, electrical supply, and the **1" clearance** from the joist or any other combustible material.
2. **Cut a 6 1/4" diameter hole** into the ceiling after choosing the appropriate location.



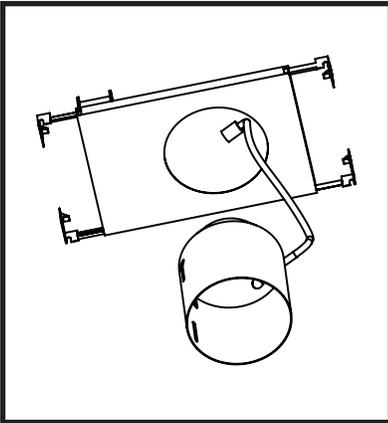
3. Push reflector up to secure in place

**\* After installation, restore power and check the operation of your new lighting fixture.**

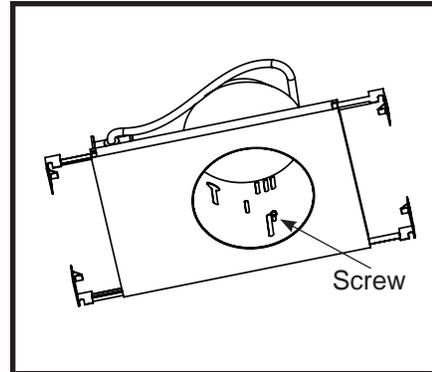
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1. Feed the flex with the socket cup through Recessed Box Frame opening, and connect to J-Box.



2. Push can into plenum space in the ceiling making sure the can is properly secured, with the screws provided.



3. Push Clarté Reflector.



4. Turn on power and check operation.

**\* After installation, restore power and check the operation of your new lighting fixture.**