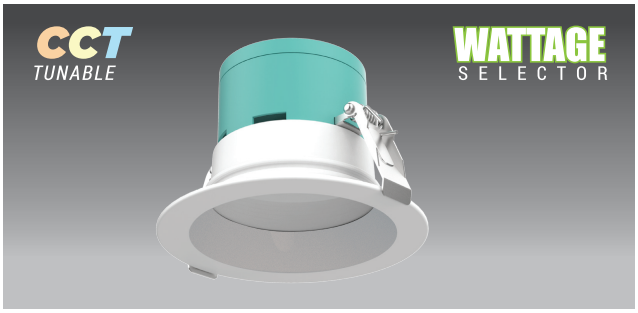
INSTALLATION INSTRUCTIONS

PT-CDL SERIES

PT-CDL-S-4I/PT-CDL-S-6I/PT-CDL-S-8I/PT-CDL-S-10I

PORTOR LIGHTING
a PORTOR INDUSTRY brand



READ THESE INSTRUCTIONS COMPLETELY AND CAREFULLY

WARNING **RISK OF ELECTRIC SHOCK**

LED Retrofit Kit installation requires knowledge of luminaire electrical systems. Installation should be performed only by a qualified electrician in accordance with the National Electrical Code and relevant local code. Install this kit only in the luminaire that have the construction features and dimensions shown in the photographs and/or drawings. 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. The recessed luminaire is intended for mounting only in a covered ceiling where only the led side of the luminaire will be exposed to damp or dry locations. INSTALLATION SHOULD ONLY BE PERFORMED AFTER POWER TO THE FIXTURE HAS BEEN DISCONNECTED. THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.

ATTENTION **RISK OF FIRE**

- Turn off power before installation or servicing.
- Verify that supply voltage is correct by comparing it with the luminaire label information or wiring diagram.
- All wiring connections should be capped with UL approved recognized wire connectors.

CUT-OUT INFORMATION

Part No:	Cut-out (Diameter)
PT-CDL-S-4I-12-DD-5C3P-4	Min. **4"** - Max. **4.25"**
PT-CDL-S-6I-22-DD-5C3P-4	Min. **6"** - Max. **6.25"**
PT-CDL-S-8I-30-DD-5C3P-4	Min. **8"** - Max. **8.25"**
PT-CDL-S-10I-38-DD-5C3P-4	Min. **9"** - Max. **9.25"**

INSTALLATION *(NOTE: IT'S CLASS 2 CONSTANT DRIVER, FOR RISK OF ELECTRIC SHOCK, THE JUNCTION BOX NEED CONNECT THE "EARTH WIRE")*

RETROFIT INSTALLATION

Step 1: Choose desired CCT & Wattage by simply switching the dip switch **(Fig. 1)**.
Step 2: If existing lamp and trim are present, remove from ceiling or move it out of the way as it will not be needed during installation. Measure the ceiling opening to make sure the edge of the luminaire will cover the entire hole and still sit firmly in the ceiling before proceeding **(Fig 2)**.
Step 3: Attach the carabiner safety clip to the existing fixture housing **(Fig. 3).**
Step 4: Insert lamp conduit into the J-box and wire to power source (black to hot, white to neutral, violet to 0-10V dimming positive, gray to 0-10V dimming negative) **(Fig. 4)**. Reattach J-box cover when done.
Step 5: Squeeze the two housing clips so they are in an upright position and insert lamp into housing **(Fig. 5)**.
Step 6: Once lamp is inside the housing, release the housing clips and continue pushing lamp into housing until securely fixed and flush with ceiling **(Fig. 6)**.
Step 7: Restore power at the source and the installation is complete.

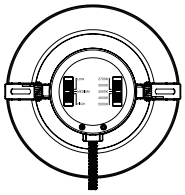


Fig. 1

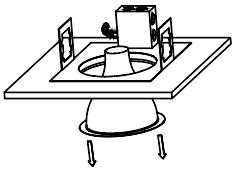


Fig. 2

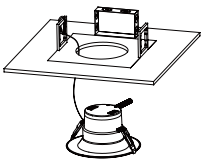


Fig. 3

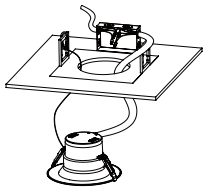


Fig. 4

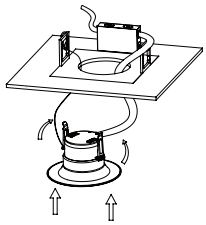


Fig. 5

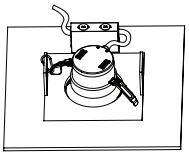


Fig. 6

NEW CONSTRUCTION INSTALLATION

Step 1: Choose desired CCT & Wattage by simply switching the dip switch **(Fig. 1)**.
Step 2: Attach the carabiner safety clip to the existing fixture housing **(Fig.7).**
Step 3: Insert lamp conduit into the J-box and wire to power source (black to hot, white to neutral, violet to 0-10V dimming positive, gray to 0-10V dimming negative) **(Fig. 8)**. Reattach J-box cover when done;
Step 4: Squeeze the two housing clips so they are in an upright position and insert lamp into opening **(Fig.9)**.
Step 5: Once lamp is inside the opening, release the housing clips and continue pushing lamp into opening until securely fixed and flush with ceiling **(Fig.10)**.
Step 6: Restore power at the source and the installation is complete.

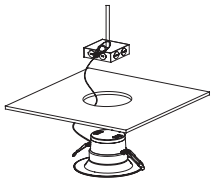


Fig. 7

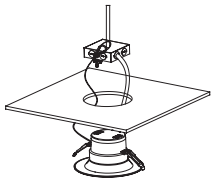


Fig. 8

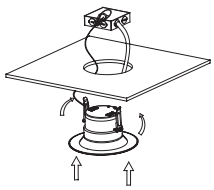


Fig. 9

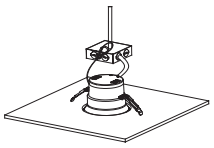


Fig. 10

CHANGES OR MODIFICATIONS TO THIS UNIT NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.