

INSTALLATION INSTRUCTIONS | CY9 9" Round Indoor/Outdoor Cylinders: Rigid Stem Pendant Mount

Note: Before attempting installation please refer to your local electrical code

IMPORTANT SAFETY INSTRUCTIONS

Installation, inspection and maintenance of this luminaire must be carried out by a qualified electrician.

Read all the instructions before installation. Save instructions for later use.

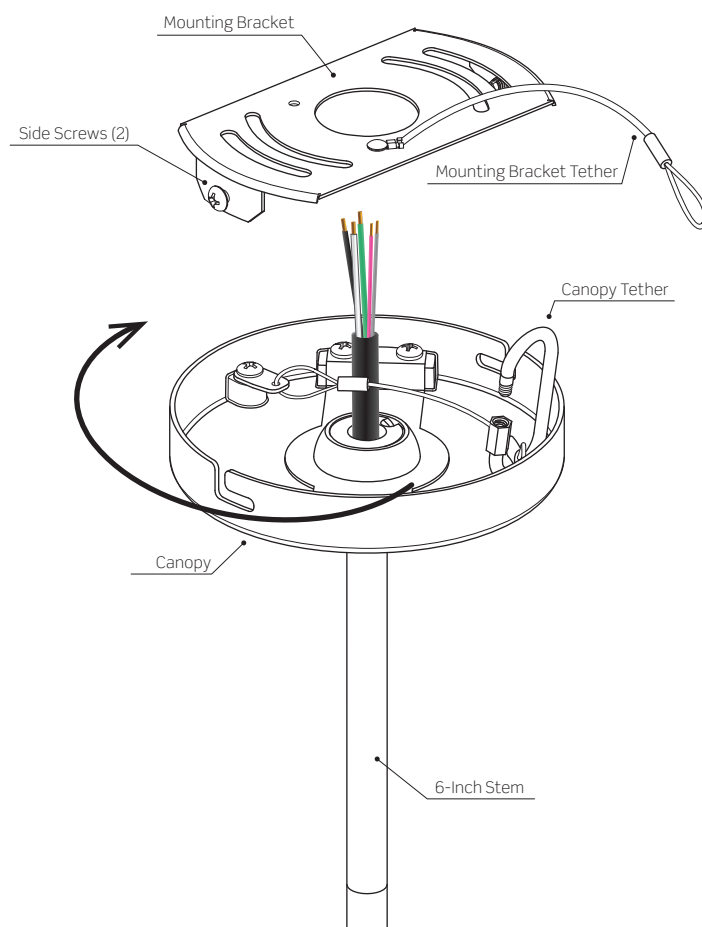
When installing or using this luminaire, all basic safety precautions, warnings, restrictions and recommendations must be followed, including the following:

- Turn off power at fuse or circuit breaker box before installation and before performing any maintenance work
- Product must be grounded to avoid potential electric shock and any other potential hazards
- Wear rubber soled shoes, proper safety glasses and gloves, and work on a sturdy wooden or non-conductive ladder
- Product must be mounted in locations and at heights in compliance with the NEC and all local building codes
- Installing contrary to instructions may cause unsafe conditions
- Do not exceed the nominal supply voltage or amperage ratings
- Do not install any luminaire assembly closer than 6-inches from any curtains or combustible materials
- Do not mount near gas or electric heaters
- Do not block the light from the luminaire, in whole or in part, as this may cause unsafe conditions
- Make sure the supply voltage is the same as the rated luminaire voltage
- Do not operate in ambient temperatures above those specified for the luminaire
- Avoid direct eye contact with the light source
- Always support the weight of the luminaire
- Use correctly rated supply conductors as indicated by the luminaire labeling
- Equipment should be mounted in location and at heights where it will not readily be subject to tampering by unauthorized personnel
- To avoid hazards to children, account for all parts and properly dispose of all packing materials
- **WARNING**
Risk of fire; most dwellings built before 1985 have supply wire rated at 60°C. Consult a qualified electrician before installation.
- Call the Technical Support Department at ConTech Lighting with any installation questions: 847.559.5500

INSTALLATION

NOTE: Luminaire is designed to mount flush to ceiling surface

1. Prior to installation, ensure that a 4-inch Round or Square (with a Square-to-Round Junction Box Cover Plate) Junction Box is properly mounted to the ceiling structure
2. Detach the Canopy Mounting Bracket from the Canopy by loosening the two (2) Side Screws and twisting the Mounting Bracket clockwise and up
3. Attach the Canopy Mounting Bracket to the Junction Box
4. Feed the Cylinder Wiring Cable through the Threaded Stem
5. A 6-inch Stem is provided with the Luminaire; if a longer drop is needed, additional Stem lengths and Couplings are sold separately
6. Tighten the Threaded Stem securely into the Coupling on the top of the Cylinder; tighten the two (2) Set Screws in the Coupling to engage the Cylinder to the Stem
7. Feed the Cylinder Wiring Cable through the Ceiling Canopy and Threaded Stem into canopy and tighten securely
8. The luminaire includes 120-inches (10 feet) of Cable
9. Being sure to leave at least 6-inches of excess Cable for wiring, trim Supply Cable to desired length and strip individual Supply Wires to prepare for connections
10. Attach the Tether between the Canopy and the Mounting Bracket to aid in wiring
11. Follow the wiring diagram (see Page 3) for the appropriate electrical/ dimming option
12. Carefully tuck excess wires and connectors into the Junction Box while positioning the Canopy in place
13. Re-attach the Cylinder to the Canopy by twisting into position and tightening the two (2) Side Screws to complete assembly
14. **FOR LUMINAIRES RATED AND INSTALLED IN WET LOCATIONS:** Apply an outdoor rated caulk between the Ceiling and the Canopy to ensure a water tight seal



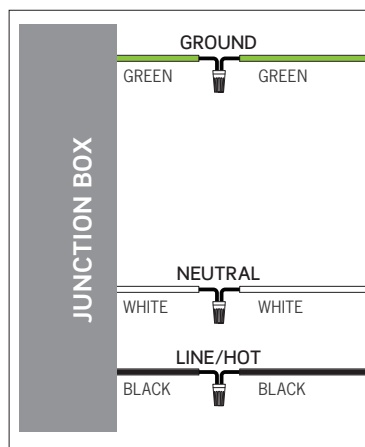
INSTALLATION INSTRUCTIONS | CY9 Series 9-Inch Round Indoor/Outdoor Round Cylinders: Wiring Diagrams

Note: Before attempting installation please refer to your local electrical code

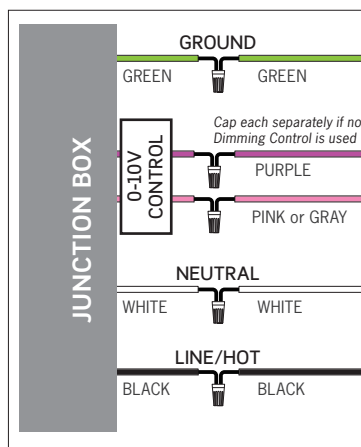
WIRING DIAGRAMS

DIMMING OPTIONS

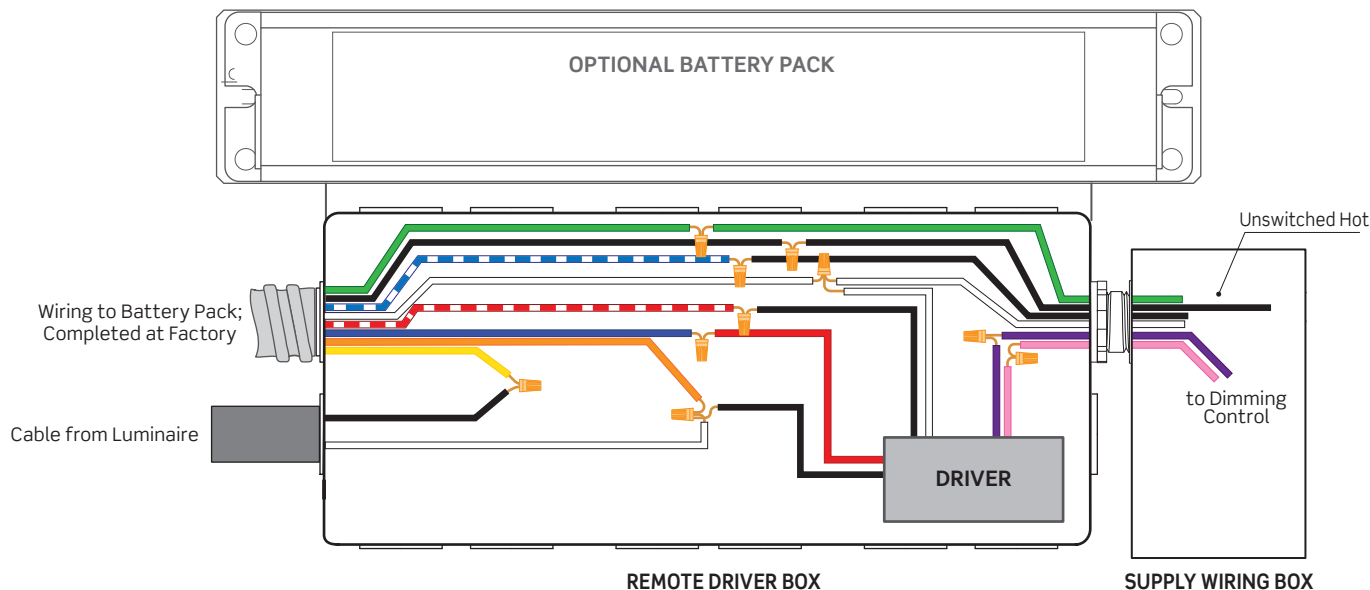
DIMMING OPTION: MVD
ELECTRICAL: 120V or 277V
DIMMING: 120V Forward/Reverse Phase
 120-277V 0-10V Dimming



DIMMING OPTION: MVD2
ELECTRICAL: 120V or 277V
DIMMING: 0-10V



RDB REMOTE DRIVER OPTION



GROUND: Green to Green
UNSWITCHED HOT: Black to Black
SWITCHED HOT: Black to Blue/White
NEUTRAL: White to White
0-10V DIMMING CONTROL
(IF USING): Purple and Pink/Gray