INSTALLATION INSTRUCTION

Tube Architectural Color Tunable - Pendant

DS-PD05-CC

WARNING

IMPORTANT: NEVER attempt any work without shutting off the electricity.

- Read all instructions before installing.
- System is intended for installation by a qualified electrician in accordance with the National Electrical Code and local regulations.
- Go to the main fuse box, or circuit breaker. Place the main power switch in the "OFF" position and unscrew the fuse(s) or switch "OFF" the circuit breaker switch(es) that control the power to the fixture or room that you are working on.
- Place the wall switch in the "OFF" position.

CAUTION

- All parts must be used as indicated in these instructions. Do not substitute any parts, leave parts out, or use any parts that are worn out or broken. Failure to follow this instruction could invalidate the ETL/CETL listing of this fixture.
  CAUTION When handling the fixture, do not apply pressure to the LEDs. Hold the fixture by the base only.

AVERTISSEMENT

IMPORTANT : Coupez l'électricité avant TOUTE manipulation.

- Lisez toutes les instructions avant d'installer.
- Système est destiné à être installé par un électricien qualifié en conformité avec le code national de l'électricité et les règlements locaux.
- Accédez au panneau central de disjoncteurs ou de fusibles de votre demeure et placez l'interrupteur principal en position d'arrêt (« OFF »).
- Placez l'interrupteur mural en position d'arrêt (« OFF »).

MISE EN GARDE

- Toutes les pièces doivent être utilisées tel qu'il est indiqué dans ces instructions. Ne remplacez pas les pièces, n'en laissez pas de côté et ne les utilisez pas si elles sont usées ou brisées. Le non-respect de ces instructions peut annuler l'homologation ETL/CETL du luminaire. MISE EN GARDE Ors de la manipulation de l'appareil, ne pas appliquer de pression à la LED, tenir l'appareil par la seule base.

ADVERTENCIA

IMPORTANTE: NUNCA intente hacer trabajos sin desconectar el suministro eléctrico.

- Lea y comprenda todas las instrucciones e ilustraciones por completo antes de proceder con el ensamblaje e insta lación de esta lámpara.
- Sistema está disenado para ser instalado por un electricista calificado, de acuerdo con el código eléctrico nacional y las normas locales.
- Diríjase a la caja de fusibles o a la caja del interruptor de circuito principal en su hogar. Coloque el interruptor de ali mentación principal en la posición "OFF" (APAGADO).
- Coloque el interruptor de la pared en la posición "OFF" (APAGADO).

PRECAUCIÓN

- Todas las piezas deben usarse como lo indican estas instrucciones. No reemplace las piezas, noomita piezas durante la instalación ni utilice piezas gastadas o rotas. El incumplimiento de esta indicación podría invalidar la calificación
  ETL/CETL esta lámpara. PRECAUCIÓN Al manipular el aparato, no aplique presión a los LED, mantenga el aparato en la base sólo.

HARDWARE

3 Wire WAGO Connector
Qty: 6pcs
7EAA181801

Junction Box Screw
Qty: 2pcs + 1pc Extra
7MPF0825F1
#8-32 x Long 1"

Plastic Gasket
Qty: 1pc
WT: 7TGD070101WT
BK: 7TGD070101BK
BZ: 7TGD070101DZ
GH: 7TGD070101GH

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OVERVIEW

It is surface mount down light, included ceiling mount, pendant mount, single direction wall wash and up-down direction wall wash. Check catalog for various mount type, size, beam angle and color choices.

FIXTURE INSTALLATION

1. Carefully unpack fixture and lay out all the parts on a clear area. Be careful not to lose any small parts necessary for installation. See **FIG.1**

FIG.1

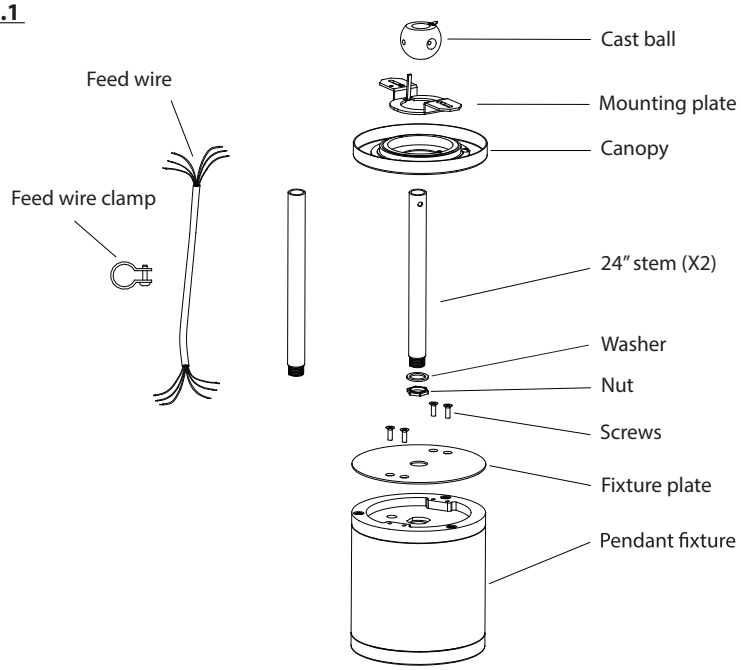
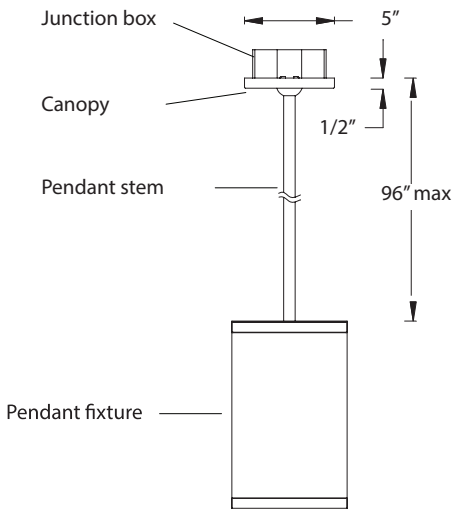


FIG.2



2. Determine desired height. Combine stems together and /or field cut stems as necessary to achieve desired suspension height. Note: additional stems (p/n DS-PDX24) can be combined for a maximum length of 96″. Refer to **FIG.2-4**

FIG.3

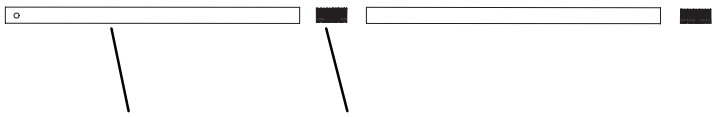
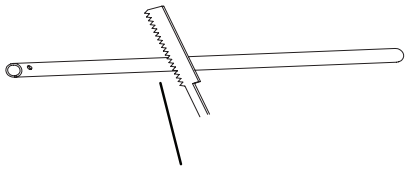


FIG.4



3. Align the top of the cast ball with the top of the cut pendant stem and temporarily lock it in place by tightening one of the screws into the side of the stem. Use the provided drill bit to drill a hole through the stem wall using the un-threaded hole.
4. Loosen the screw. Rotate the cast ball 180° and re-tighten the screw. Drill another hole using the un-threaded hole on the other side of the stem wall.
5. Loosen the screw. Rotate the cast ball 90° and fully lock both screws through the two tap holes to secure the cast ball. (Refer to **FIG.5 and 6**)

FIG.5

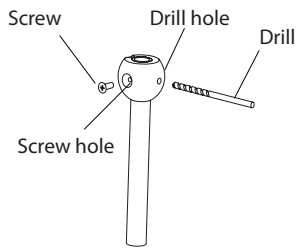
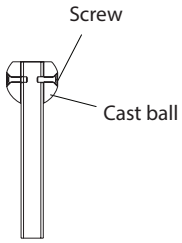


FIG. 6



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6. Align the pendant assembly- Refer to **FIG.7**. Tighten bottom nut securely. Guide fixture wire up through assembly.
   NOTE: For longer suspension lengths, it may be necessary to replace the existing fixture wire with longer feed-wire provided in fixture package. Rotate the fixture plate clockwise, and secure it to fixture body using screws and gasket. Secure wire feed with clamp above cast ball.

7. Pull the fixture wires to the junction box through the mounting plate.
   For line voltage connections, connect the BLACK fixture wire to the HOT building wire, the WHITE fixture wire to the NEUTRAL building wire, and the GREEN wire from the mounting plate and fixture cable feed, to the GROUND building wire. (See **FIG.8, FIG. 9**)

   Connect the ORANGE/WHITE fixture wire to the DMX (+) building wire, the ORANGE fixture wire to the DMX (-) building wire and the BROWN/WHITE fixture wire to the DMX SHIELD building wire. See wiring diagrams on **PAGE 4** for more details.

   After wires are connected securely, tuck them carefully inside the junction box.

8. Secure mounting plate to junction box using junction box screws. Raise the canopy to the mounting plate and rotate clockwise until secure to the ceiling. (See **FIG.10**)

FIG.7

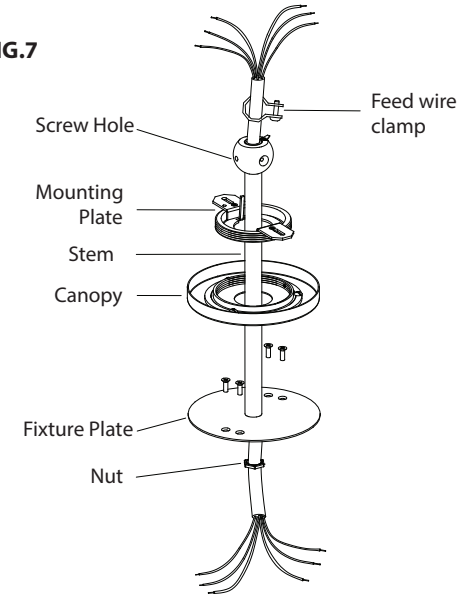


FIG.8

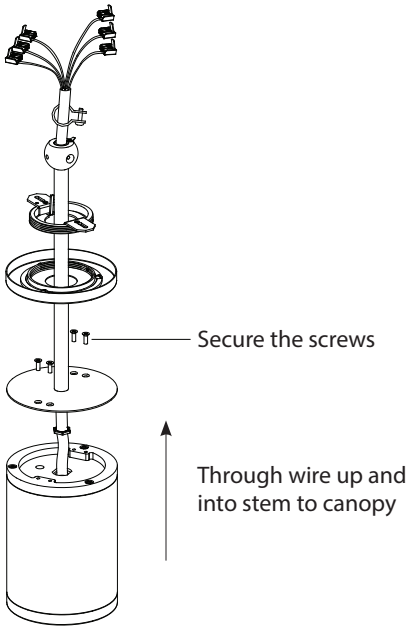


FIG.9

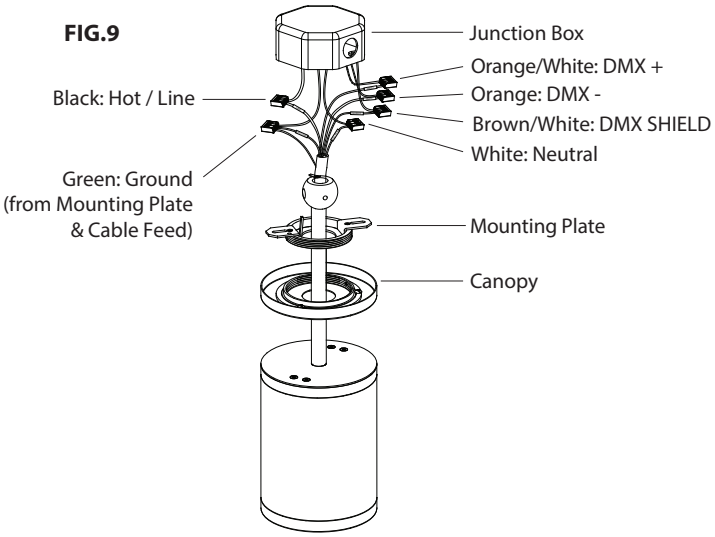
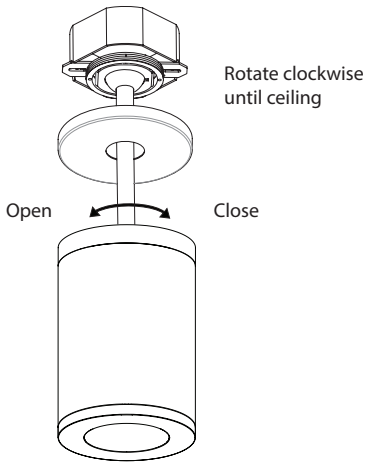


FIG.10



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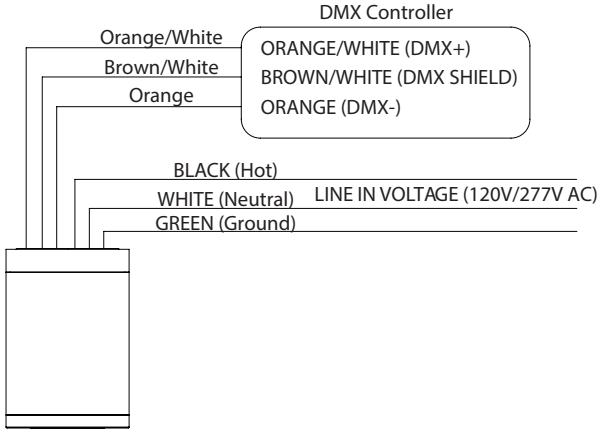
WIRING DIAGRAMS

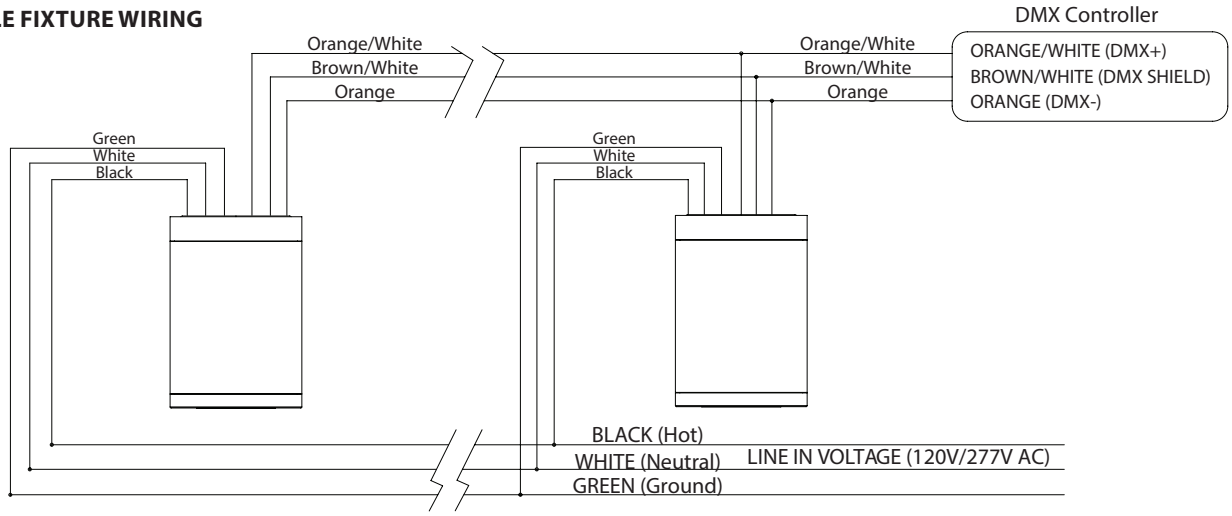
It is recommended to use cable specifically designed for DMX. These cables have an impedance of 120Ω and a low capacitance. For instance: Belden 9841 or 3105a. At the last fixture, the cable to be terminated with a 120Ω resistor between the DMX (+) and DMX (-) pinouts to prevent reflections of the signal. The resistor value of the resistor on the last driver should be kept the same as the resistor of signal wires.

Recommended maximum of 1000ft of cabling from controller to last fixture. After 32 unit loads a repeater/booster is recommended.

SINGLE FIXTURE WIRING



MULTIPLE FIXTURE WIRING



COMPLETING THE INSTALLATION

To prevent moisture from entering the junction box and potentially causing a short, use clear caulking (i.e. indoor/outdoor silicone sealant) to outline the outside of the fixture where the cover meets the ceiling.

CAUTION: This fixture is factory sealed and tested to meet Wet Location standards before shipment. Care should be taken when replacing internal components. The fixture should be re-sealed with all supplied hardware and gaskets. Failure to do so may result in the loss of fixture wet location integrity and a void of WAC warranty.

COMMISSIONING:

After completing the installation, the fixture(s) may be commissioned for initial use. Commissioning may be completed via DMX512-A RDM compatible control console. The RDM compatible control console may be used to select the fixture DMX personality and reassign DMX channels.