INSTALLATION INSTRUCTION

CCT SELECT DUET POWER SUPPLY

PS-24DC-U60R-CS-DU | PS-24DC-U96R-CS-DU

SAFETY INSTRUCTION

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

- Always turn off power at fuse box prior to installation to prevent electrical shock.
- For installation and serviced by a qualified, licensed electrician.
- Install in accordance with national electric code, and local regulations.
- The device complies with the harmonic emission requirements of ANSI C82.77-10
- Consult with local inspector to assure compliance.

CAUTION – TO REDUCE RISK OF FIRE AND ELECTRICAL SHOCK

- Read all instructions before installing.
- Handle product with care.
- Do not conceal or extend exposed conductors through a building wall
- To reduce the risk of fire and burns, do not install this lighting system where the exposed bare conductors can be shorted or contact any conductive materials
- To reduce the risk of overheating and potential fire risk, make sure all connections are tight.
- Do not install any fixture assembly closer than 6 in. from any curtain, or similar combustible material.
- Do not modify or disassemble product beyond instructions or warranty will be void.
- Failure to follow safety warnings, and installation instruction will void the warranty

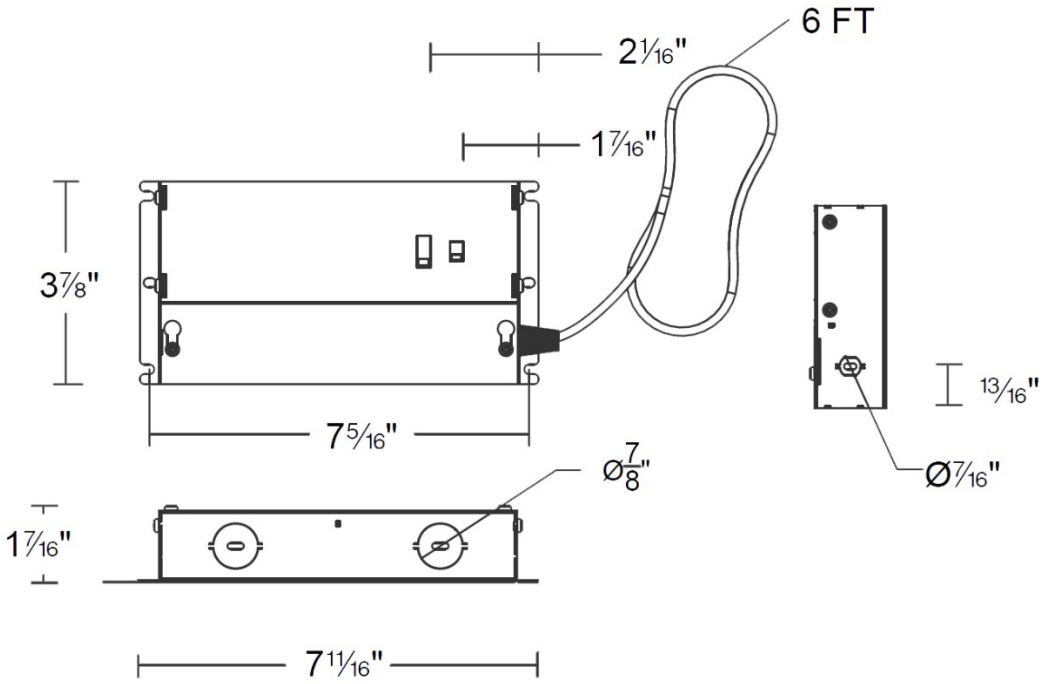
ATTENTION - AFIN DE RÉDUIRE LES RISQUES D'INCENDIE ET DE CHOC ÉLECTRIQUE

- Lire toutes les instructions avant d'installer.
- Manipuler le produit avec soin.
- Ne pas dissimuler et faire passer les conducteurs exposés à travers un mur de bâtiment.
- Afin de réduire les risques d'incendie et de brûlures, ne pas installer ce système d'éclairage là où les conducteurs dénudés peuvent être court-circuités, ou entrer en contact avec des matériaux conducteurs.
- Afin de réduire le risque de surchauffe et d'incendie potentiel, s'assurer que toutes les connexions sont bien serrées.
- Ne pas installer aucun luminaire à moins de 6 pouces d'un rideau ou d'un matériau combustible similaire.
- Ne pas modifier ou démonter le produit au-delà des instructions sous peine d'annuler la guarantie.
- Ne pas respecter les avertissements de sécurité et des instructions d'installation annulera la garantie.

FEATURES

- 24VDC output, up to 4A max output current
- Suitable for dry and damp locations
- Integrated power supply and wireless controller in a single unit
- 120-277VAC input range, 50/60 Hz

PRODUCT DIMENSION



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WIRING AND INSTALLATION

- Turn off power at the circuit breaker.
- Loosen the two cover screws and remove the wiring compartment cover.
- Mount the CCT Select Duet power supply on the surface of any indoor structure using two screws on the side of the metal case.
- Install the power unit away from heat sources and ensure it remains accessible for servicing.
- The enclosed CCT Select Duet power supply is UL listed. The power unit box has separate compartments for line voltage and low voltage wiring. Trade-size knockouts are provided for both compartments. Connect building wires to matching power unit wires using wire nuts. The building ground wire, which may be green or uninsulated, should be attached to the green wire from the power unit box.
- If an extension is needed, use a minimum of #20 AWG for output wiring.
- Connect the output wires to the appropriate terminals on the light fixture.

Output Type	Red Wire	Black Wire
A (1800K-4000K)	18	40
B (2700K-5000K)	27	50

Control	Purple Wire	Gray/Pink Wire
0-10V	Positive (+)	Negative (-)

Wiring Information: The output side wiring details can be found on the unit's silkscreen.

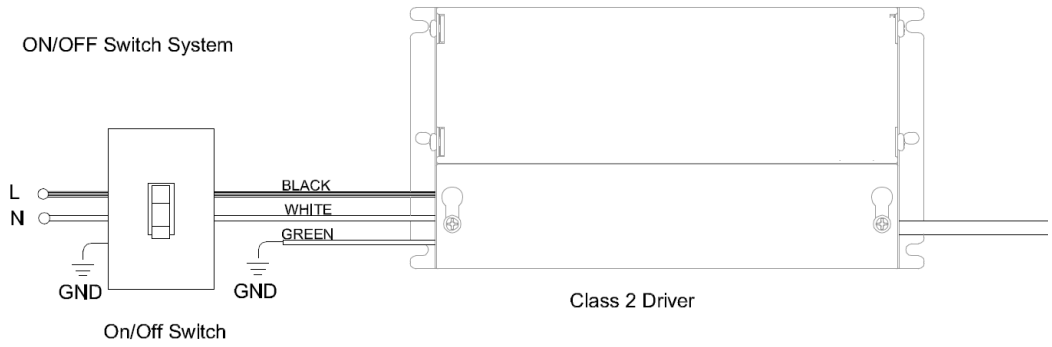
- When multiple fixtures are used, wires can be joined using a wire nut. Fixtures may be wired in a daisy-chain (chain-wired) configuration or individually (home-run) back to the power unit.
- Once all connections are made, secure the wiring compartment cover by tightening the two screws.

GENERAL FUNCTION INSTRUCTION

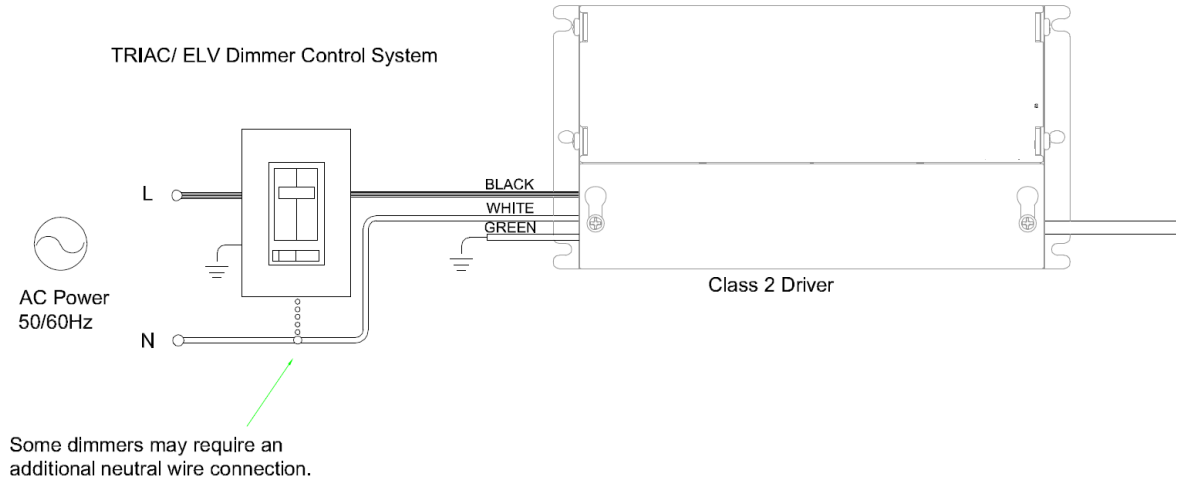
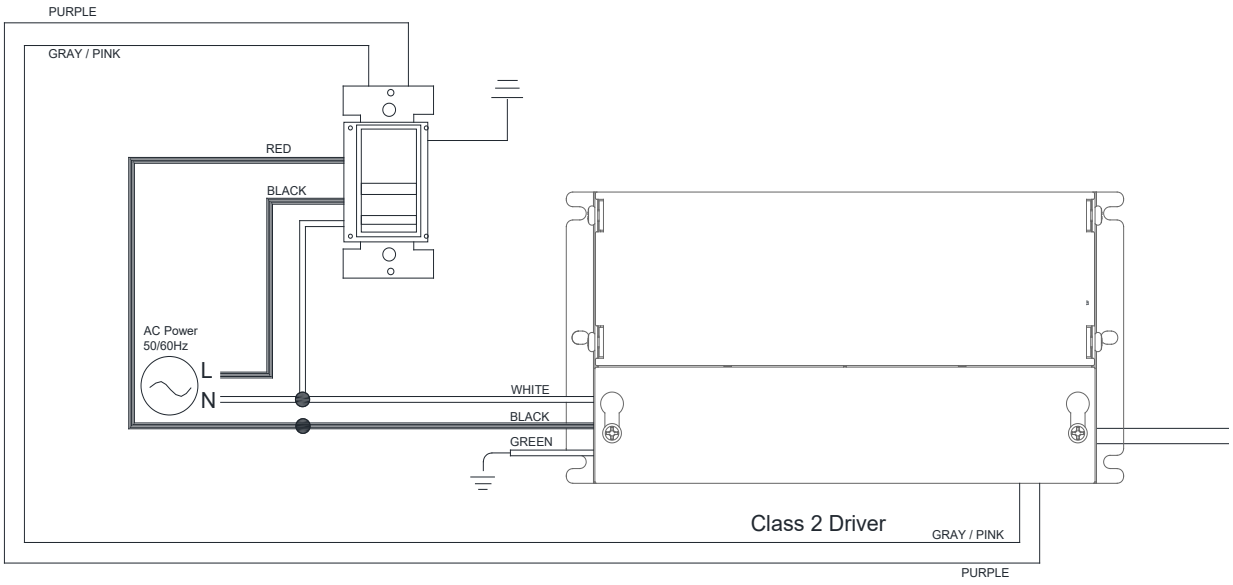
- Ensure the unit is properly installed, then turn on the power.
- Slide the mode switch position to match the load that connected to power supply
- Slide the CCT selection switch position to a desirable color temperature (CCT) on the power supply

SYSTEM DIAGRAM:

On/Off Switch System



TRIAC/ ELV Dimmer Control System



0-10V Dimmer Control System