ESSENTIA®
LED SURFACE CYLINDER
Includes: ESA-C10

INSTALLATION INSTRUCTIONS

IMPORTANT SAFEGUARDS
When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

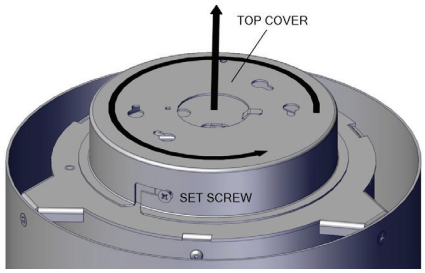
1. To avoid the possibility of electrical shock, turn off power supply before installation or servicing.
2. When closing cover of fixture, ensure all wires are inside the housing to avoid damage to wires.
3. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
4. **IMPORTANT: Damage to luminaire will result when improper voltage is applied. Verify luminaire is suitable for supply voltage by checking electrical label on luminaire.**

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

DIRECT MOUNT

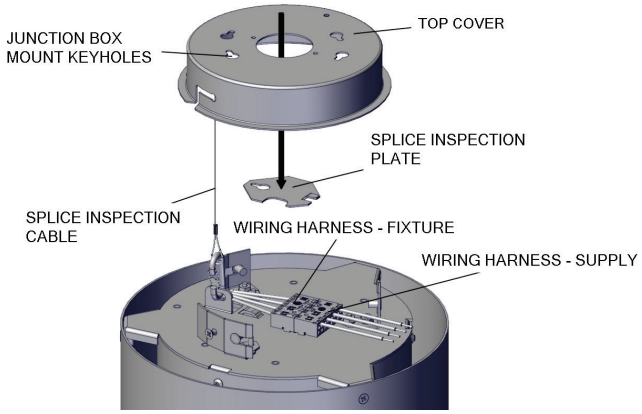
1. Loosen, but do not remove the set-screw securing the Top Cover to the fixture.
2. Twist the Top Cover clockwise and lift straight up to remove. See **Figure 1**.

Figure 1



3. After Top Cover is removed, loosen but do not remove the set screw securing the Splice Inspection Plate to the Top Cover and set aside. See **Figure 2**.

Figure 2

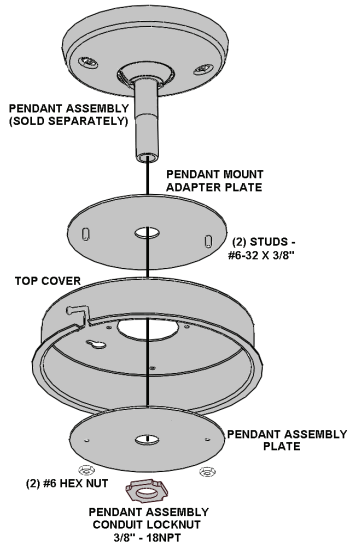


4. Thread the supply wire through the center wire-way of the top cover from the installed customer supplied Junction Box.
5. Secure the top cover using Junction Box screws through the keyhole mounting holes.
6. Disconnect the supply side of the wiring harness from the fixture.
7. Using the supplied wiring harness, connect the supply wire as shown in the “Electrical Connections” section.
8. Connect the Splice Inspection Cable to the tab on the top of the luminaire. See **Figure 2**. At this point the fixture can be supported by the Splice Inspection Cable.
9. Connect the fixture and supply wiring harnesses.
10. Once wiring is complete, push all connections into the junction box and replace the Splice Inspection Plate ensuring no wires are being pinched.
11. Mount the fixture to the top cover by lifting the fixture up and sliding it back over the set-screw that was loosed in Step 1. Tighten the set-screw.

PENDANT MOUNT

1. Refer to the Installation Instructions packaged with the Pendant Mount Assembly (sold separately)
2. Attach the Pendant Mount Adapter plate to the top surface of the Top Cover by inserting the attached studs through (2) of the (4) key holes slots and then through the lower plate (included in the Pendant Assembly kit). Secure the Pendant Mount Adapter Plate using the (2) supplied #6 Hex Nuts. See **Figure 3**.

Figure 3



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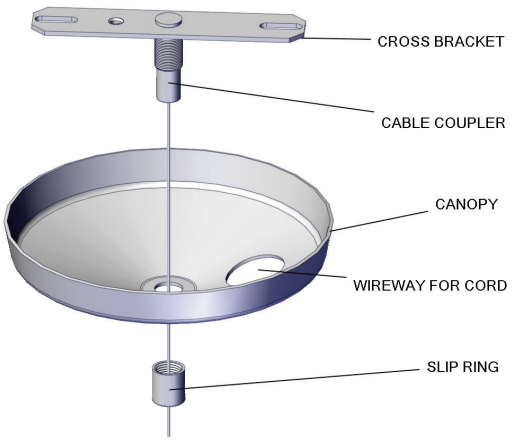
AIRCRAFT CABLE MOUNT

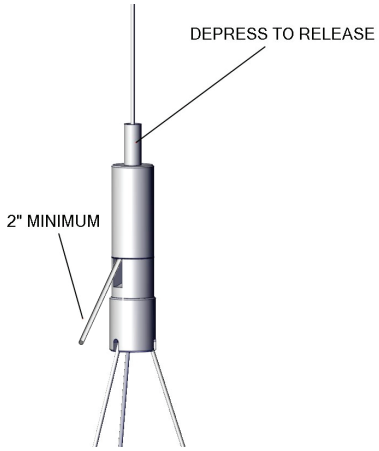
1. Secure the cross bracket to a suitable junction box using customer supplied junction box screws. See **Figure 4**.

Figure 4



2. Adjust length of cable by depressing top of the cable glider and moving until desired length is achieved. See **Figure 5**.

Figure 5

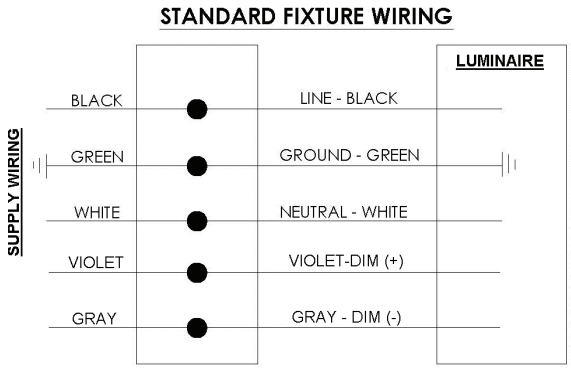


3. Thread the attached cord through the wire-way and refer to the electrical connections section to make the appropriate connections within the junction box.
   NOTE: Cut cord as needed.
4. Slide the canopy up the cable can cover the junction box ensuring that no wires are pinched.
5. Secure the canopy by threading the slip ring on to the cable coupler.
6. Secure the cord with the supplied bushing through the wire-way in the canopy.
7. Secure the cord to the single aircraft cable using the supplied wire ties.
8. Cut the aircraft cable with proper cutters, leaving a minimum of 2in. beyond the glider. See **Figure 5**.

AIRCRAFT CABLE MOUNT ELECTRICAL CONNECTIONS

1. Using the supplied wire connectors, make the following connections within the junction box.

   a. Connect the black fixture lead to the voltage supply lead
   b. Connect the white fixture lead to the neutral supply lead
   c. Connect the green or green/yellow ground lead to the supply ground lead
   d. If 0-10V Dimming is used, connect the violet lead to the supply positive dimming lead.
   e. If 0-10V Dimming is used, connect the gray lead to the supply negative dimming lead.

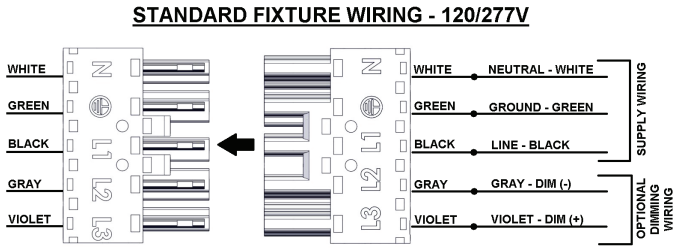


STANDARD ELECTRICAL CONNECTIONS - PHASE TO NEUTRAL 120-277V

IMPORTANT: Damage to luminaire will result when improper voltage is applied. Verify luminaire is suitable for supply voltage by checking electrical label on luminaire.

1. Using the supplied wiring harness, connect the supply wire to the supply harness wires.
2. If luminaire has 0-10V Dimming Option, connect the Violet Dim (+) and Gray Dim (-) leads.
3. Connect the fixture and supply harnesses. See **Figure 6**.

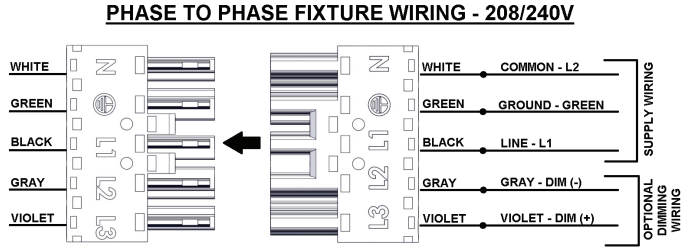
Figure 6



STANDARD ELECTRICAL CONNECTIONS - PHASE TO PHASE 208, 240V

1. Using the supplied wiring harness, connect the supply wire to the supply harness wires.
2. If luminaire has 0-10V Dimming Option, connect the Violet Dim (+) and Gray Dim (-) leads.
3. Connect the fixture and supply harnesses. See **Figure 7**.

Figure 7

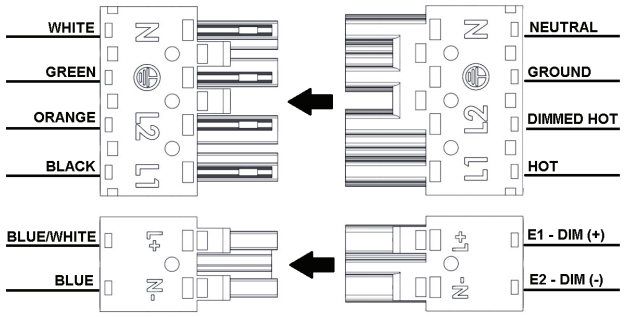


LUTRON ELECTRICAL CONNECTIONS – ECOSYSTEM DIGITAL DIMMING

1. Using the supplied wiring harness, connect the supply wire to the supply harness wires.
2. Connect the fixture and supply harnesses. See **Figure 8**.

Figure 8

LUTRON ECOSYSTEM DIGITAL DIMMING CONTROL



LUTRON ELECTRICAL CONNECTIONS – 3-WIRE DIMMING

1. Using the supplied pin and socket wire connector, insert the supply wire into the supply side of the connector. See **Figure 9**.
2. Connect the supply side connector to the fixture wiring connector.

Figure 9

LUTRON 3-WIRE DIMMING CONTROL