

Clareo S & Clareo Q - Integral Driver - Installation Instructions

Models CLS-XX-XX, & CLQ-XX-XX

Please read all instructions prior to installation and keep for future reference!

FOR INTEGRAL DRIVER INSTALLATION (LOW VOLTAGE, CLASS 2)

- | | |
|--|--------------------------------|
| 1. PRODUCT TO BE INSTALLED BY A QUALIFIED ELECTRICIAN | 3. CLASS 1 WIRING ONLY |
| 2. PRIOR TO INSTALLATION ENSURE POWER IS OFF AT FUSE BOX TO PREVENT ELECTRICAL SHOCK | 4. NO USER SERVICABLE PARTS |
| | 5. SUITABLE FOR DAMP LOCATIONS |

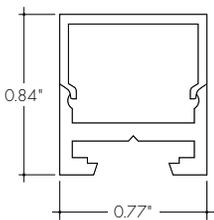


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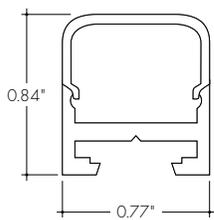
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Clareo S



Clareo Q

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INT120/INT277/INTECO

standoff hub
standoff mounting set screw
Clareo
1" from end

standoff hub
measure
third standoff on fixtures over 72" long

Note: More than one person is recommended for this installation.

- 1.1** Slide the standoff mounting set screw brackets, 1" from each end and on center (over 72" only). Then secure standoffs.
- 1.2** Determine length from the canopy to the standoff hub. Then mark this location to the ceiling. Make addition marks if using more than one standoffs. Use canopy detail to sighting off center standoff hub.

ceiling

standoff location marks

13/64" drill bit

drill

hole

anchor

spacer

cap

wood screw

- 2.1** On the marked location(s), make a hole using a 13/64" drill bit.
- 2.2** Insert the anchor into the hole and push completely in.
- 2.3** Insert wood screw through cap & washer and then tighten to secure into the anchors.

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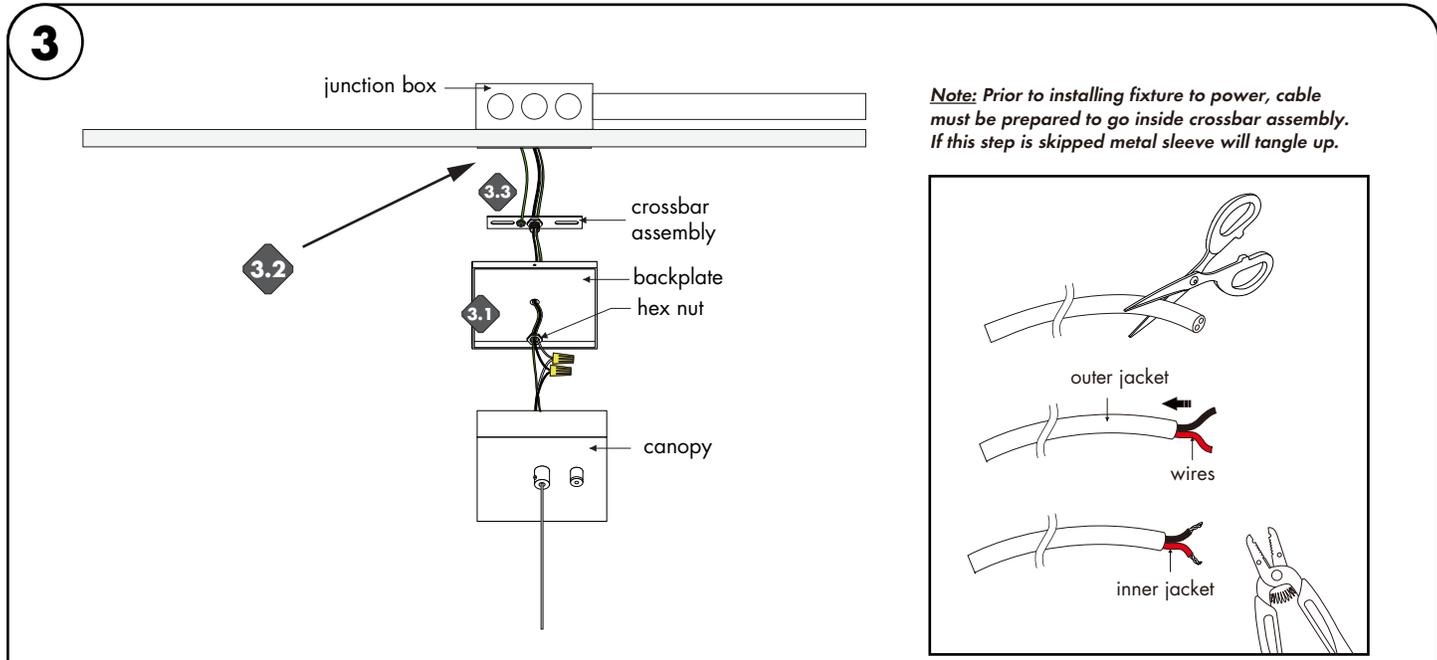
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Junction Box Wiring Options

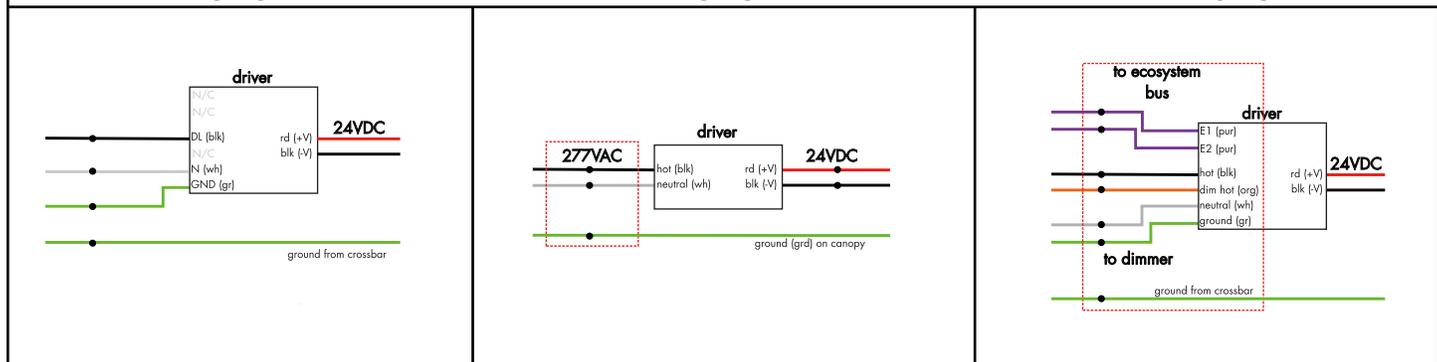


3.2

INT120 General Wiring Diagram

INT227 General Wiring Diagram

INTECO General Wiring Diagram



3.1 Insert the power wires into the crossbar assembly, backplate, and hex nut.

3.2 Refer to the wiring diagram and make all necessary connections from the power wires to the canopy driver wires.

3.3 Connect to ground in accordance with local electrical codes.

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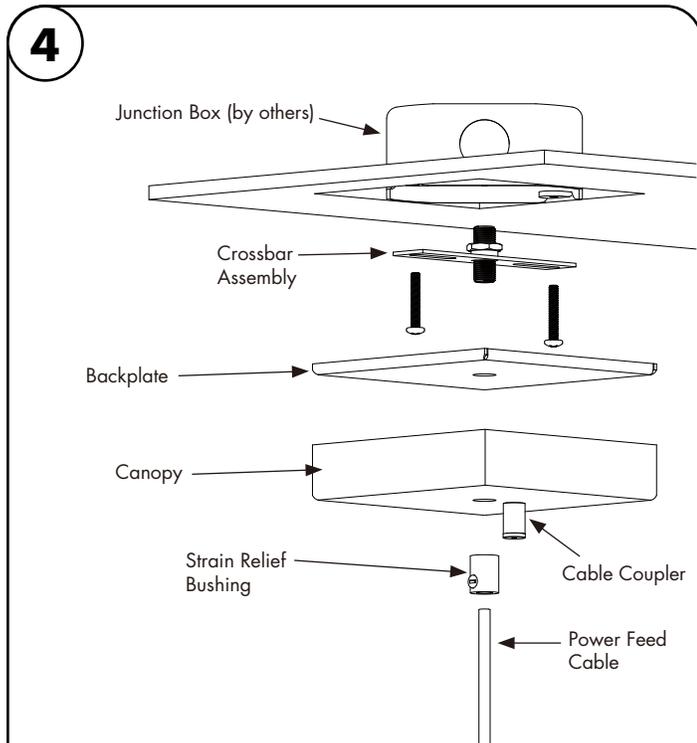


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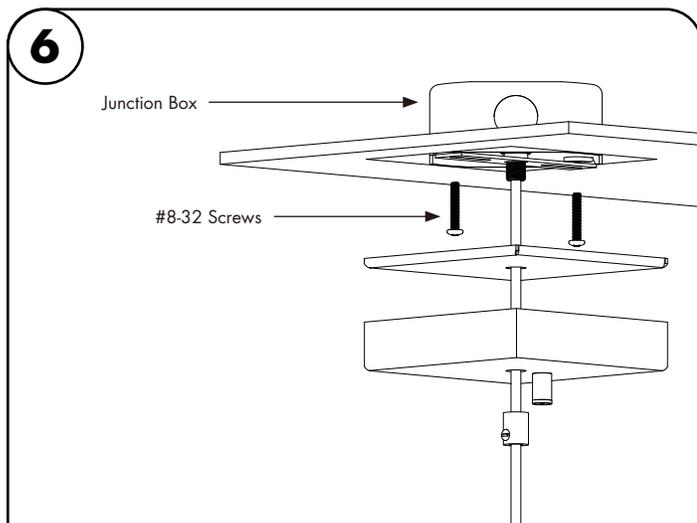
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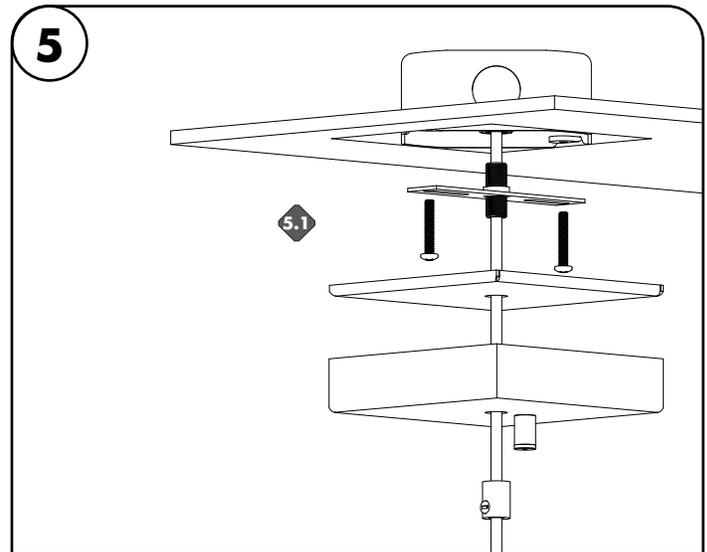
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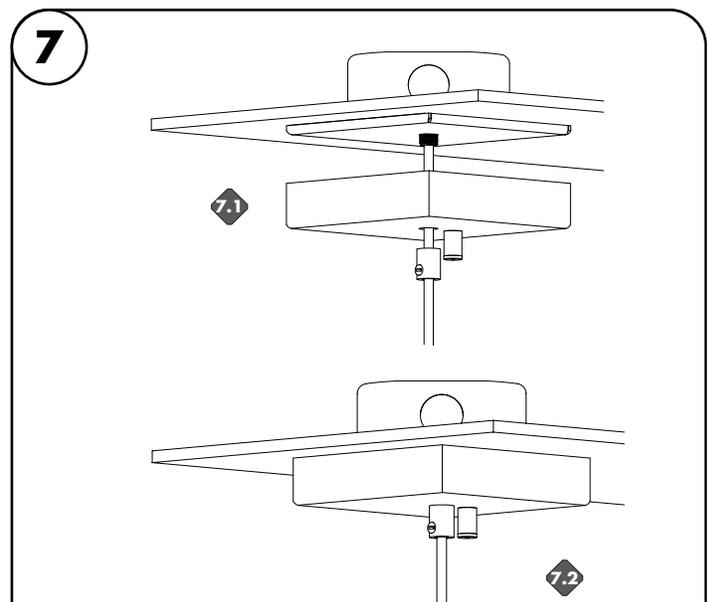
- 4.1** Route the power feed cable through the strain relief bushing, canopy cover., and crossbar assembly



- 6.1** Align the crossbar to the junction box holes, and secure using the provided two #8-32 screws.



- 5.1** Connect power feed cable wires, per Step 3, to wires from the power supply. Insert terminations into the junction box.



- 7.1** Slide the canopy cover up to the crossbar and secure by threading the strain relief bushing onto the crossbar assembly.
- 7.2** Tighten the set screw on the strain relief bushing to secure the position of the power cable.

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8.1 Untangle each aircraft cable and insert into the threaded post until the cable stopper.

8.2 Push on the standoff hub tab and feed the aircraft cable into the standoff hub until necessary. Release tab to secure in place. For the aircraft cable closest to the cable slide through the o-rings on the cable first.

8.3 Remove the clear protective film from the face of the lens.

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9.1 Tighten each threaded post into a cap, one will be on the backplate and other(s) on the ceiling. If fixture not leveled, adjustments can be made by pushing on the standoff hub tab. Then either feed more cable into the standoff hub or pull out cable from the standoff hub and release to secure.

9.2 Cut off any extra aircraft cable from the standoff hub hole.

9.3 If necessary make any final adjustments to the cables use the o-rings for a cleaner look.

9.4 If joining fixture custom orders only, reference page 14.

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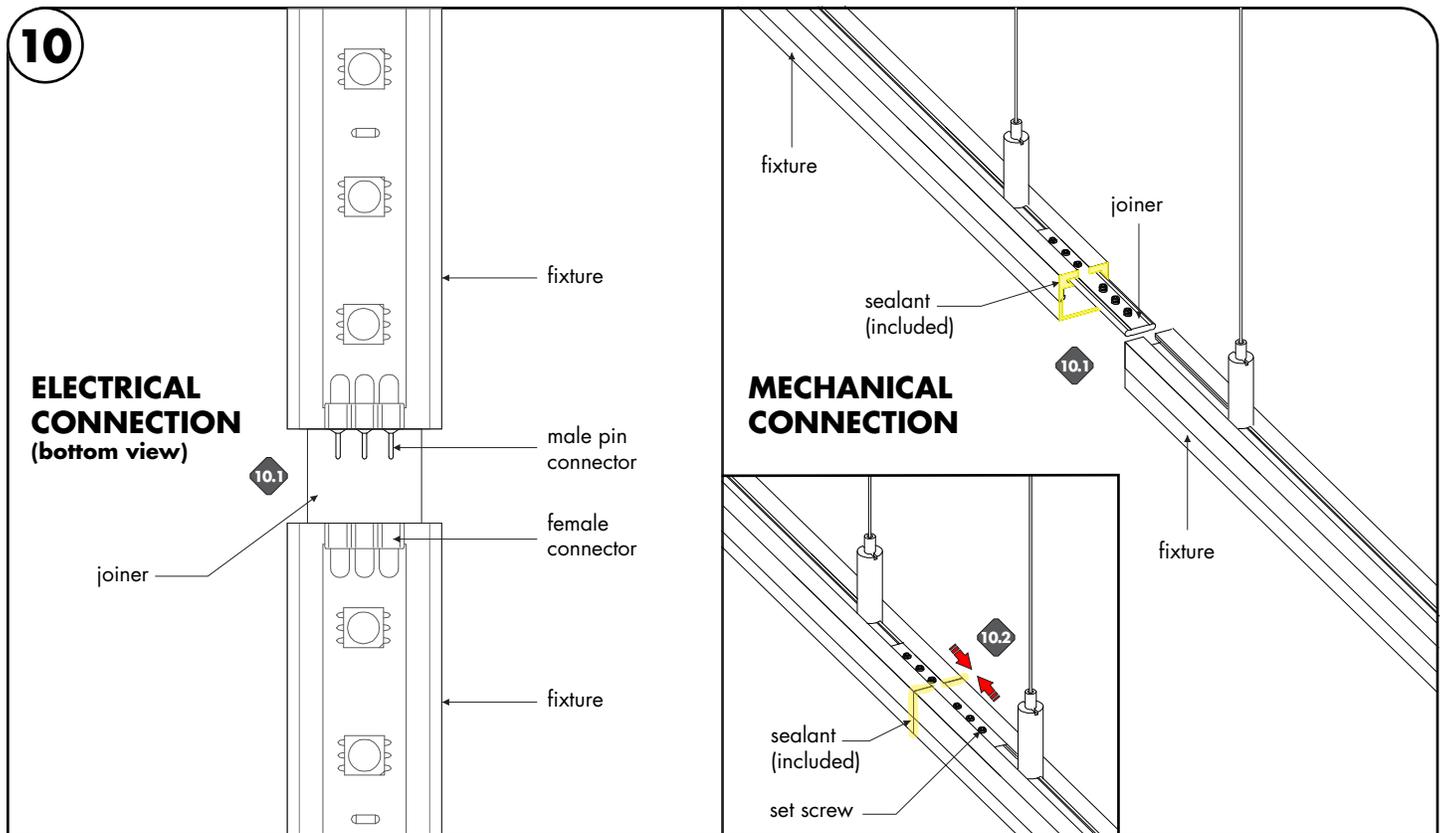
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Joining Fixture (custom orders only)



Caution: Step below is only for custom lengths. Do not try to join standard fixtures to each other, which would void the factory warranty.

Note: Prior to installing fixtures, reference fixture labels for guidance. On which fixture ends will connect to each other.

10.1 Once all sections are installed & set to the proper hanging height from the ceiling. The 2 section must be connected together. Add a small amount of sealant (included) to one of the fixture ends. Then follow one of the connections below.

Electrical & Mechanical connection - Carefully slide the fixture with the joiner into the other fixture, until the LED connectors meet. Then slowly slide until the male and female connectors secure into one another. Followed by tightening the set screws on the joiner.

Mechanical connection - Carefully slide the fixture with the joiner completely into the other fixture. Followed by tightening the set screws on the joiner.

10.2 Wipe off any excess sealant.