

Clareo S & Clareo Q - Remote Driver - Installation Instructions

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

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

FOR REMOTE DRIVER INSTALLATION (LOW VOLTAGE, CLASS 2)

1. PRODUCT TO BE INSTALLED BY A QUALIFIED ELECTRICIAN.
2. PRIOR TO INSTALLATION ENSURE POWER IS OFF AT FUSE BOX TO PREVENT ELECTRICAL SHOCK.
3. USE ONLY WITH CLASS 2 POWER UNIT. UTILISER SEULEMENT AVEC LA CLASSE 2 UNITE D'ALIMENTATION ELECTRIQUE.
4. FIXTURE SHOULD BE INSTALLED BY TWO PEOPLE.
5. SUITABLE FOR DAMP LOCATIONS
6. 24 VOLTS DC

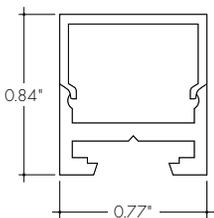


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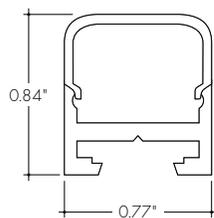
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Clareo S



Clareo Q

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Remote Power Supply

standoff hub
standoff mounting set screw
Clareo
1" from end

standoff cap
4.34"
1.18"
4.34"
canopy detail

standoff hub
measure
standoff hub

Note: Prior to installation all 24VDC wires must be present in junction box. Refer to the power supply installation instruction for additional information.
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 Align one standoff hub to the junction box & measure the distance from standoff hub to the other hub. Then mark this location to the ceiling. Make addition marks if using more than one standoffs. Use canopy detail to slightly off center standoff hub.

ceiling
13/64" drill bit
drill

2.2
hole
anchor

2.3
standoff location marks
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.

Junction Box (by others)
Crossbar Assembly
Canopy Cover
Strain Relief Bushing
Cable Coupler
Power Feed Cable

Junction Box (by others)
Crossbar Assembly
Canopy Cover
Strain Relief Bushing
Cable Coupler
Power Feed Cable

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

outer jacket
wires
inner jacket

4.1

Note: Prior to installing fixture to power, cable must be prepared to go inside crossbar assembly. If this step is skipped metal sleeve will tangle up.

4.1 Connect power feed cable wires, per image above, to wires from the power supply. Insert terminations into the junction box.

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Remote Power Supply

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Junction Box

#8-32 Screws

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

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6.1 Slide the canopy cover up to the crossbar and secure by threading the strain relief bushing onto the crossbar assembly.

6.2 Tighten the set screw on the strain relief bushing to secure the position of the power cable.

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cable stopper

threaded post

aircraft cable

7.1

standoff hub tab

aircraft cable

7.2

Clareo

clear film

7.3

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

7.2 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.

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

8

cap

threaded post

o-ring

aircraft cable

standoff hub tab

8.1

8.2

8.2 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.

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

8.3 If joining fixture (custom orders only), reference page 14.

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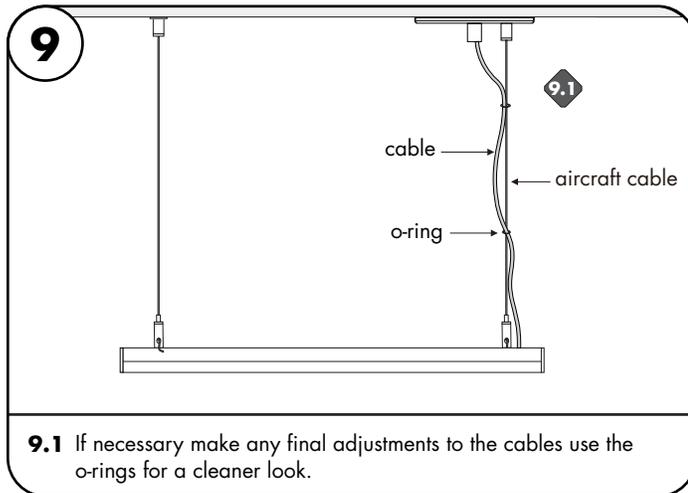
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9.1 If necessary make any final adjustments to the cables use the o-rings for a cleaner look.

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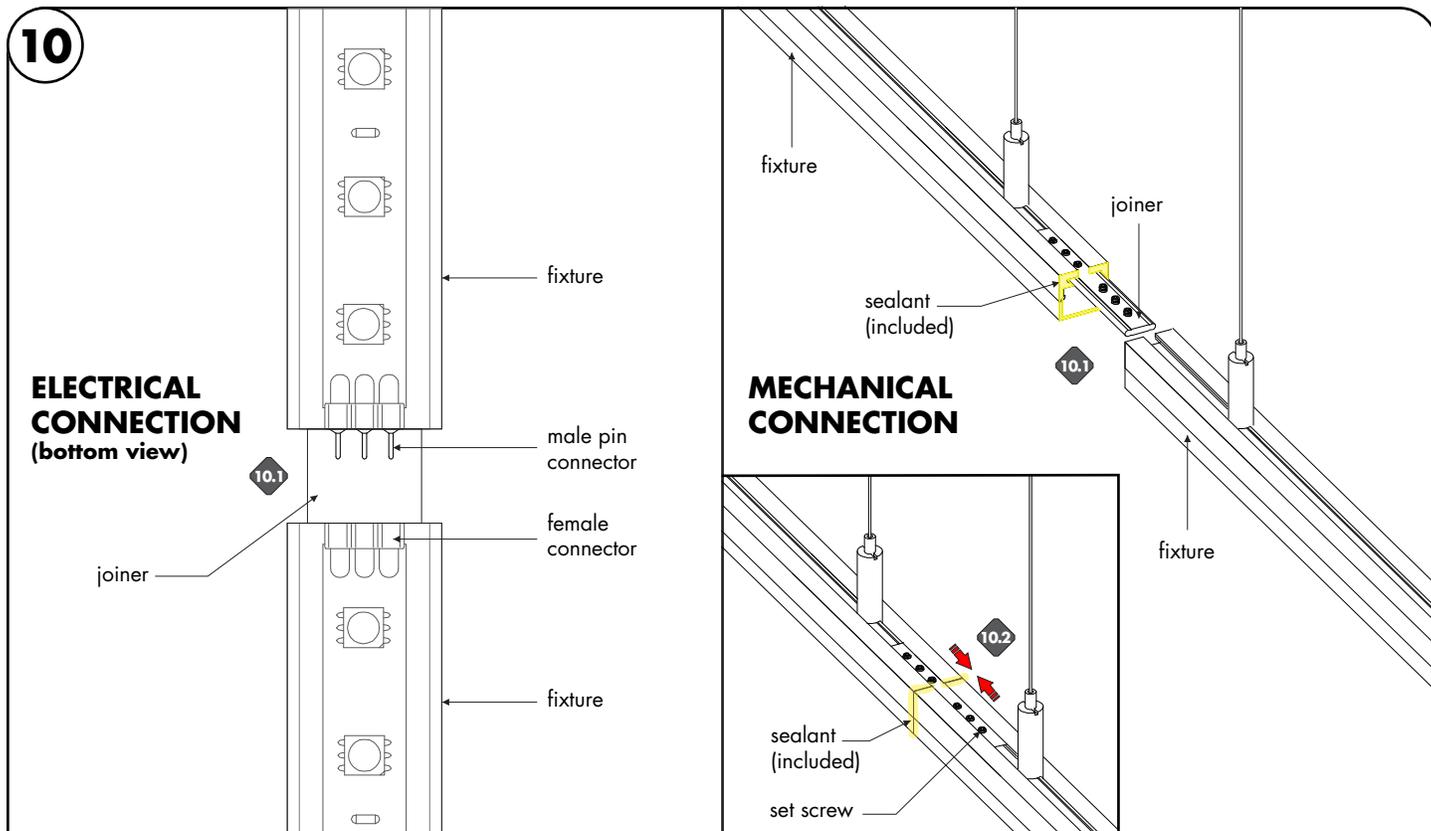
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Joining Fixture (custom orders only)



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.

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Power Supply Wiring Diagram

Note: Prior to installation all 24VDC wires must be present near fixture. Refer to the power supply installation instructions for additional information.



Static White
[Wiring Diagram PDF](#)



RGB/RGBW
[Wiring Diagram PDF](#)



Warm Dim
[Wiring Diagram PDF](#)



Pixel
[Wiring Diagram PDF](#)



Tunable White
[Wiring Diagram PDF](#)