

Luceo - Installation Instructions

Model LUC-XX-R

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

1. PRODUCT TO BE INSTALLED BY A QUALIFIED ELECTRICIAN
2. ENSURE POWER IS OFF AT FUSE BOX PRIOR TO INSTALLATION TO PREVENT ELECTRICAL SHOCK
3. USE ONLY WITH CLASS 2 POWER UNIT
4. FIXTURE SHOULD BE INSTALLED BY TWO PEOPLE

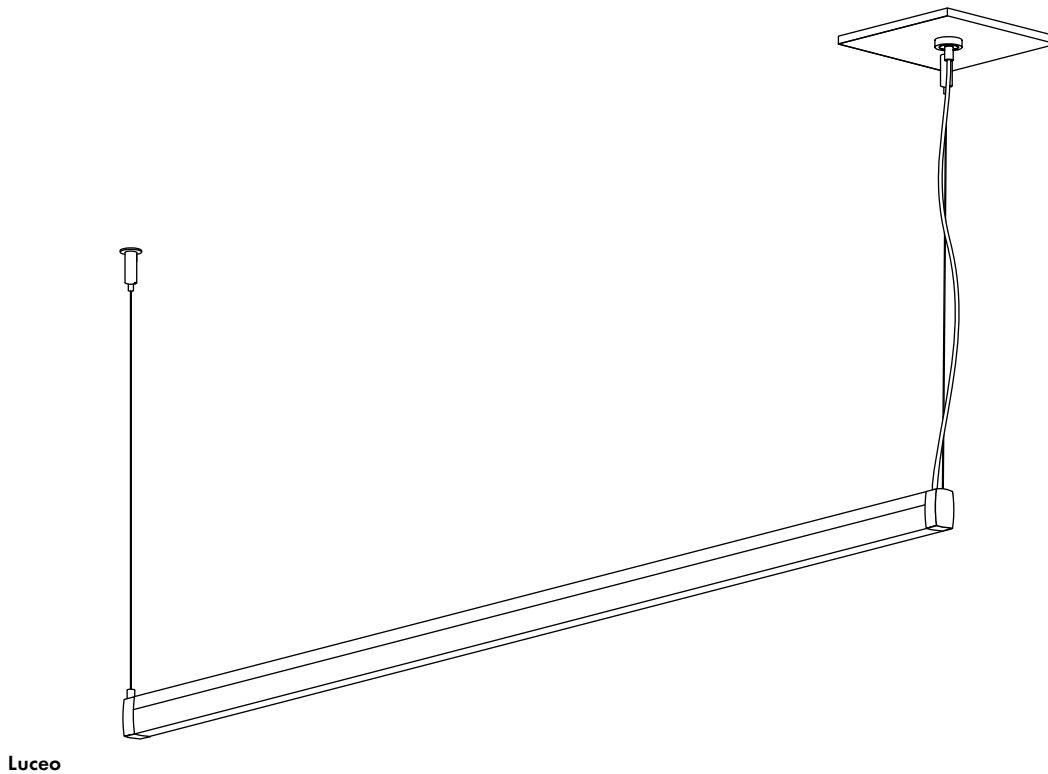


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Luceo



IMPORTANT SAFETY INSTRUCTIONS!

WHEN INSTALLING OR USING THIS TRACK SYSTEM, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING:

- A. READ ALL INSTRUCTIONS
- B. DO NOT INSTALL ANY PART OF THE TRACK SYSTEM LESS THAN 5 FEET ABOVE THE FLOOR
- C. DO NOT INSTALL ANY LUMINAIRE ASSEMBLY CLOSER THAN 6 INCHES FROM ANY CURTAIN OR SIMILAR COMBUSTIBLE MATERIAL
- D. DISCONNECT ELECTRICAL POWER BEFORE ADDING TO OR CHANGING THE CONFIGURATION OF THE TRACK
- E. DO NOT ATTEMPT TO ENERGIZE ANYTHING OTHER THAN LIGHTING TRACK LUMINAIRES ON THE TRACK. TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT ATTEMPT TO CONNECT POWER TOOLS, EXTENSION CORDS, APPLIANCE, OR THE LIKE TO THE TRACK.

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1

Aircraft cable

Measure

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 Align one aircraft cable to the junction box and measure the distance from one aircraft cable to the next. Then mark this location on the ceiling.

3

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

3.1 Firmly grasp coaxial cable end.

3.2 Pull back approximately 1-1/2" of the metal sleeve to expose the wires.

3.3 Cut off 1-1/2" of the wires.

3.4 Pull forward to the metal sleeve and twist to create a rigid end.

3.1 Firmly grasp coaxial cable end.

3.2 Pull back approximately 1-1/2" of the metal sleeve to expose the wires.

3.3 Cut off 1-1/2" of the wires.

3.4 Pull forward to the metal sleeve and twist to create a rigid end.

2

Standoff marks

13/64" drill bit

Drill

2.2 Hole

2.3 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 in completely.

2.3 Insert wood screw through cap and washer, tightening to secure into the anchors.

4

Junction box

24V DC-

24V DC+

Coaxial cable

Crossbar assembly

Backplate cap nut

Backplate

Backplate cap

Note: Prior to wiring, the desired fixture height must be determined to cut off any unnecessary wire.

4.1 While one person is holding the fixture, the other person can slide the coaxial cable end through the thumb nut, backplate, thumb nut bolt, and crossbar assembly.

4.2 Peel back the coaxial cable to expose the power wires. Connect the red (24VDC+) & black (24VDC) power supply wires to the fixture red and black wires.

*LUMINII RESERVES THE RIGHTS TO CHANGE SPECIFICATION & INSTRUCTION WITHOUT NOTICE

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5

Junction box

Crossbar assembly

#8-32 screw

Backplate

Backplate cap

Nylon set screw

5.1 Insert the wire nut connections into the junction box and align the crossbar to the junction box holes and secure using the provided two #8-32 screw.

5.2 Once the backplate cap is secured to the backplate using the nut, slide the backplate up to the crossbar and secure. Then, tighten nylon set screw to grip the wire. Be sure not to overtighten nylon set screw as this can damage the cable.

6

Standoff hub

Aircraft cable

Aircraft cable

Clear film

6.1 Push on the standoff hub tab and feed the aircraft cable into the standoff hub until necessary. Release tab to secure in place.

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

7

Cap

Standoff hub tab

Aircraft cable

7.1 Tighten each standoff hub, 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 pullout cable from the standoff hub and release to secure.

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

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Coaxial cable

Aircraft cable

O-ring

3.4 If making any final adjustments to the cable, use o-rings for a cleaner look.

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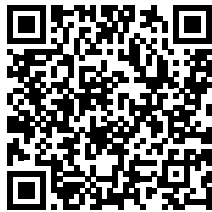
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Power Supply Wiring Diagram

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



Warm Dim
Wiring Diagram PDF