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Qube - Instruction for center feed installation

Models Q-XX-CF



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

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 électrique.*

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1

measure

standoff hub fixture

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 Measure the distance between the two standoff hubs. Then center the fixture to the junction box and mark the distance of the two standoff hubs to the ceiling.

2

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.

3

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 tangle up.*

1 - while holding the coaxial cable end.

2 - Pull back about an 1-1/2" of the metal sleeve to expose the wires.

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

4 - Pull forward the metal sleeve and twist to make a firmer single wire.

4

junction box

crossbar assembly

backplate

fixture power wire

thumb nut

24V DC-

24V DC+

strain relief

coaxial cable

Note: Prior to wiring the desired fixture height must be determined to cut off any un-necessary wire.

4.1 While one person is holding the fixture, the other person can slide the coaxial cable end through the thumb nut, backplate & 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 & black wires.

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5

junction box

crossbar

#8-32 screw

backplate

thumb nut

5.1

5.2

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

5.2 Slide the backplate up to the crossbar and secure by hand tightening the thumb nut into the crossbar.

6

threaded post

cable stopper

aircraft cable

threaded post

standoff hub tab

aircraft cable

fixture

clear film

6.1

6.2

6.3

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

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

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

7

cap

threaded post

aircraft cable

standoff hub tab

7.1

7.2

7.1 Tighten each threaded post into a cap. 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.

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

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1

canopy detail

1.1 Measure the distance between the standoff hubs. Then using the canopy details above, make the proper marks to the ceiling to install correctly. For fixture over 48" inches a third standoff will be included.

Note: Prior to installation all 24VDC wires must be present in junction box(s). Refer to the power supply installation instruction for additional information.

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

2

2.2

2.3

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.

3

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 tangle up.

1 - while holding the coaxial cable end.

2 - Pull back about an 1-1/2" of the metal sleeve to expose the wires.

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

4 - Pull forward the metal sleeve and twist to make a firmer single wire.

4

4.1

4.1 While one person is holding the fixture, the other person can slide the coaxial cable end through the clear o-rings, thumb nut, backplate & 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 & black wires.

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5

junction box

crossbar

#8-32 screw

backplate

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

5.2 Slide the backplate up to the crossbar and secure by hand tightening the thumb nut into the crossbar.

5.3 If fixture is over 68" repeat steps 3 through 4 to connect the other canopy.

6

cable stopper

threaded post

aircraft cable

standoff hub tab

o-ring

Qube fixture

clear film

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

6.2 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 coaxial cable slide through the o-rings on the coaxial cable first. **Repeat this step if fixture is over 68" to the other side of fixture.**

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

7

cap

threaded post

o-ring

aircraft cable

standoff hub tab

7.1 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.

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

8

coaxial cable

aircraft cable

o-ring

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

canopy

coaxial cable

aircraft cable

Fixtures over 68" uses two canopies.