



INSTALLATION INSTRUCTIONS – 6” APERTURE C68Q SERIES RDM DMX CABLE-SUSPENDED LED CYLINDERS:

READ AND FOLLOW THESE INSTRUCTIONS BEFORE INSTALLING FIXTURE:

This fixture is intended for installation in accordance with the National Electrical Code and local regulations.

To assure full compliance with local codes and regulations, check with your local electrical inspector before installation.

Caution: To avoid possible electric shock, be sure that power supply is turned off before installing or servicing this product.

Note: This fixture should be supported by main runners or other structure that is capable of supporting the fixture weight.

1. Route AC circuit into junction box of rated voltage of fixture, leaving approximately 8” of slack. Wiring should be rated 90°C minimum. Note: DMX fixtures require CAT-5 UTP or equivalent control wires.

2. From canopy kit, take the two 8-32x1-1/2” long screws, and screw in all the way into crossbar. Position crossbar to outlet box (with 1-1/2” screw threads aiming towards floor) so that the screw heads will freely turn INSIDE the box. Secure crossbar with hardware supplied with box.

3. Cut AC cord to your specific suspension length, leaving approximately 8” of cable above strain relief. Strain relief must be positioned in such a manner that the smaller end is towards ceiling when installed. Squeeze strain relief with pliers and carefully insert into center opening of canopy. Bring fixture up to ceiling and support it while making electrical connections.

Connect the AC wires from your electrical box to the wires in the upper canopy as follows:

AC neutral to white cable wire, **AC hot leg to black** cable wire, and **ground to green** cable wire.

Connect wires from dimming control system as follows:

DMX shield control wire to **red** cable wire, **DMX Data +** control wire to **purple** cable wire, **DMX Data -** control wire to **grey** cable wire. Terminate the last DMX fixture with 120 ohm resistor.

IMPORTANT: The black hot leg should be switched by the dimming control system to assure “full off” illumination.

4. Pass each of the three aircraft cables (supplied with kit) through the small holes in canopy, so that the crimped ends will be inside canopy. Align mounting holes in canopy over (2) 8-32x1-1/2” long screws and secure the canopy to the crossbar with supplied mounting knobs. Turn knobs fully clockwise to force back 8-32x1-1/2” long screws into outlet box, until canopy is tight against ceiling surface.

5. Align the aircraft cables, so that cylinder hangs straight, and push each cable into the fixture’s top support grips. Align fixture to hang straight, with the weight of the fixture being supported by the aircraft cables, NOT the input cable. Cut excess unused aircraft cable with lineman’s pliers.

6. Energize AC, and fixture will illuminate immediately, once DMX signal/control is supplied.

NOTE: Fixture output goes to off with loss or no DMX signal attached.

Important notes:

If unit fails to function as described, disconnect AC immediately, and contact either the factory, or trained service personnel, for further assistance.

P/N 090-C68Q RDM DMX cable suspended 04/19

SAVE THESE INSTRUCTIONS

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