

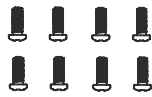
# Installation Instructions

## For Suspended Option of the QuantaLight LinOptics™ Series Pendant

### Included Hardware



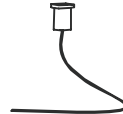
Adjustable Cable Tensioner, 2 PCS



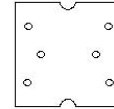
Self-tapping screw (PM3\*8), 6 PCS



Anchor screw with expansion plug (KA4\*30), 2 PCS each



Ceiling Mounting Plate & cable, 2 PCS



Section Joiner, 1 PC

### Mounting Procedure for Single Pendant Section

<p>① Ceiling Mounting Plate Spacing (single pendant only)</p>	<p>②</p> <p>Expansion plug hardware is supplied, but other hardware may be needed depending on ceiling type. Investigate ceiling type and only use hardware appropriate for your situation.</p> <p>Caution - Make sure not to drill in to objects behind ceiling (i.e. electrical, gas, or water lines)! If using the supplied expansion plugs, select a drill bit smaller than the plastic expansion plug, then drill holes spaced as shown in drawing.</p>	<p>③</p> <p>If using supplied expansion plugs, insert the two expansion plugs into previously drilled holes. If needed, tap gently to fully insert.</p> <p>If using other hardware, read instructions for that hardware and then mount at locations from Step 1.</p>
<p>④</p> <p>Separate two halves of Ceiling Mounting Plate by twisting apart. Using supplied anchor screw (or appropriate screw for your mounting hardware), firmly attach upper ceiling plate (A) to ceiling. With aircraft cable inserted, screw the lower cable plate (B) back onto upper ceiling plate (A).</p>	<p>⑤</p> <p>Attach Cable Tensioners to the top of the fixture housing using the supplied self tapping (PM3*8) screws.</p>	<p>⑥</p> <p>Insert aircraft cable into the Cable Tensioners by depressing top of cable insert tube.</p>
<p>⑦</p> <p>Using level, adjust cable length on both ends by momentarily depressing cable insert tube. Repeat on both ends until pendant is level and at correct height. Pull downwards on pendant body to lock cables. Ensure pendant stays locked.</p>	<p>⑧</p> <p>Trim excess aircraft cable if needed. Next, to access the electrical wires, remove the top cover by sliding over.</p>	<p>⑨</p> <p>Locate desired end for electrical cable access. Open one knock-out hole by cutting tiny tabs with wire cutter. Attach strain relief or rubber grommet (not supplied) onto cable hole. Feed supplied AC cable (and dimming wires, if needed) through hole.</p>
<p>⑩</p> <p>Read warnings on Page 2 prior to making electrical connections. Connect Neutral, Line, &amp; Ground wires. (Use of 0-10V dimming is optional. Connect purple &amp; gray dimming wires, or cap.) Secure pendant top cover when done.</p> <p>← Insert &amp; slide top cover to lock in place.</p>	<p>⑪</p> <p>Installation is now finished. If the pendant does not look level, adjust as per Step 7 above. Make sure pendant support cables are firmly locked. Close all wiring access points and turn on circuit breaker. Test operation.</p>	<p><b>Before making electrical connections, read warnings on Page 2. Be sure to turn off power at circuit breaker and confirm before wiring.</b></p>

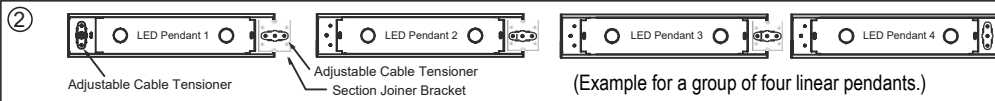
### Mounting Procedure for Multiple Pendant Sections

①

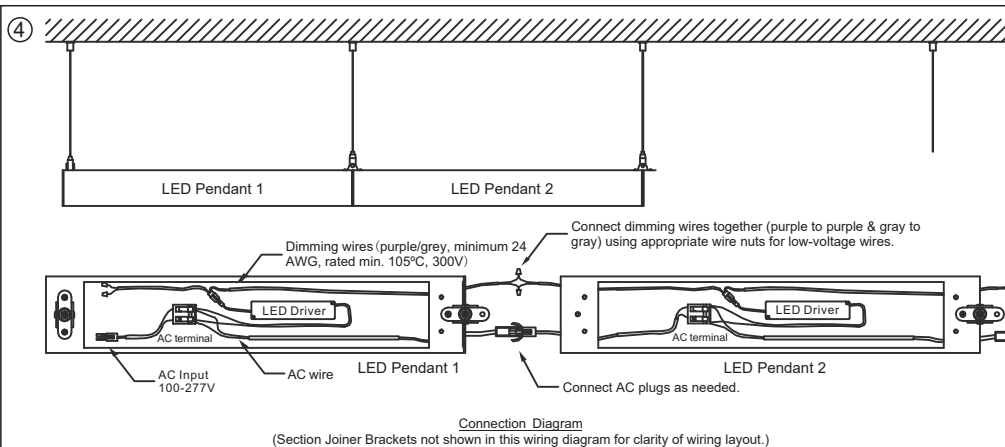
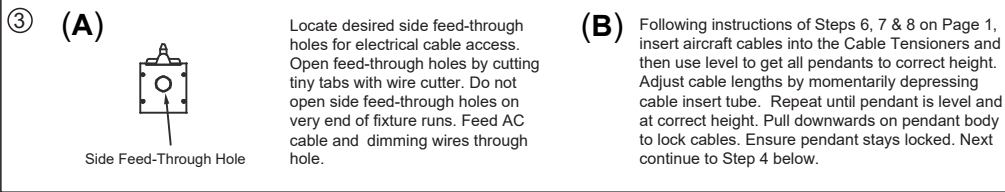
Expansion plug hardware is supplied, but another type of fastener may be needed depending on your ceiling type. Investigate ceiling type and only use fastener hardware appropriate for your situation.

If using other fastener hardware, drill holes according to directions with your hardware. If using the supplied expansion plugs, select a drill bit smaller than the expansion plug. Now drill holes spaced as shown in drawing on left and insert expansion plugs in to holes. Next, follow Step 4 on Page 1, and then continue on Page 2.

**Caution - Make sure not to drill in to objects behind ceiling (i.e. electrical, gas, or water lines)!**

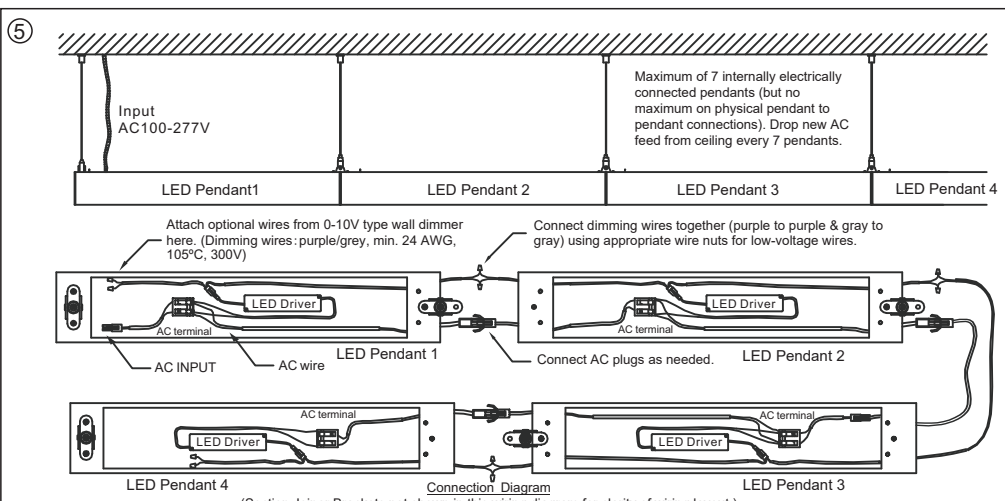


Use supplied self-tapping (PM3\*8) screws. As shown above, attach Cable Tensioner to the far left of first pendant, then attach a Section Joiner Bracket on the other end. Now attach Joiner Brackets to one end of each pendant located within the pendant run. Attach remaining Cable Tensioners over Joiner brackets and one Cable Tensioner on end. (Please note that first and last Cable Tensioner are positioned perpendicular with pendants, but Cable Tensioners located over Joiner Brackets are placed in-line with pendants.)



Connection Diagram (Section Joiner Brackets not shown in this wiring diagram for clarity of wiring layout.)

CONNECTING FIRST TWO PENDANTS: Read warnings on this page in right column. Once pendants are level, feed AC wires and dimming wires through the side feed-through access holes. Make the inter-pendant AC connection by connecting the AC plugs. Connect dimming wires together with wire nuts suitable for low-voltage wiring. Move on to Step 5 below.



Connection Diagram (Section Joiner Brackets not shown in this wiring diagram for clarity of wiring layout.)

Continue to feed AC wires and dimming wires through the side feed-through access holes on remaining pendants. Make the inter-pendant AC connection by connecting the AC plugs. Connect dimming wires together with wire nuts suitable for low-voltage wiring. Make sure to read warnings on this page in right column. Then locate the ceiling AC junction box and determine which fixture will connect to the junction box. Now follow Steps 8, 9 & 10 on Page 1. Finally, make sure all wiring is safely within the pendant bodies, and then attach pendants together using the self-taping (PM3\*8) screws (a total of six screws per pendant connection). Replace all top covers, and then follow Step 11 on Page 1.

⑥ If using a dimmer, verify proper dimming operation. Make sure to only use a 0-10V dimmer on the 0-10V purple and gray wires.

**MAKE SURE POWER IS OFF AT CIRCUIT BREAKER BEFORE INSTALLATION OR DISASSEMBLY.**

**MULTIPLE PENDANT SECTIONS CAN BE JOINED TOGETHER AS NEEDED, BUT THE TOTAL NUMBER OF SECTIONS FED BY THE INTERNAL ELECTRICAL INTERCONNECT IS LIMITED TO 7 PENDANTS. EACH SET OF 7 PENDANTS IS TO BE FEED BY ITS OWN CEILING J-BOX.**

**THE SIDE FEED-THROUGH HOLES SHOULD ONLY BE OPENED WHEN CONNECTED TO ANOTHER PENDANT.**

**TWO PEOPLE ARE NEEDED TO INSTALL MULTIPLE SECTIONS.**

Power must be off. Open the junction box and make electrical connections as needed per the wiring diagram and in accordance with local codes or N.E.C. Use an appropriate method suitable for the size, type, and number of wires at each connection. Remove a knockout from the edge of the junction box and attach a strain relief to the supply conduit/cable. Ground the luminaire in the junction box using green wire provided. Connect Common (white) and Hot (black) leads. The use of the 0-10V dimming leads is optional. If not using low-voltage dimming, cap the leads. When all wiring is completed, carefully push wires into junction box, and then screw the cover closed.