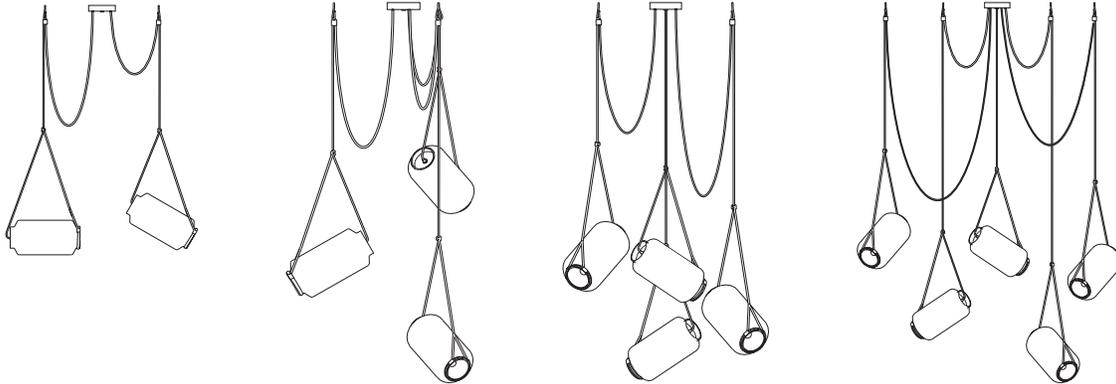


# RAVENHILL STUDIO

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We recommend installation of your Float Pendants by a professional. Please share this guide with your electrician.

Your Float Pendants consists of various individual parts:

(2-5) Float Pendants

(2-5) Rope Bridles

(2-5) Leather Bands  
(pre-mounted on electrical cords)

(2-5) Swag Hook Assemblies

(2-5) Light Bulbs

(1) Canopy

(2-5) Cord Grips

(2-5) Knurled Nuts

(1) Canopy Nut

(1) Cross Bar

(2) Mounting Screws

(1) Threaded Rod

(1) Hex Nut

(3) Wire Nuts

Included with your Float Cluster are  
6 watt LED bulbs

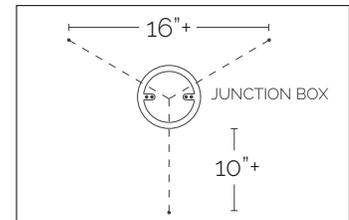
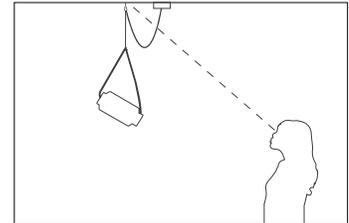
The bulbs are warm white (2700K)  
T30s and each delivers 600 lumens.

The bulbs are JA8 certified and have  
a 15,000 hr lifetime.

T30 recommended. 10W Max

1. Determine location of where the Float Pendants will be suspended. One of the features of Float is the flexibility of possible mounting scenarios, allowing for off-center and asymmetrical arrangements. Depending on ceiling and drop height it is recommended that pendants not be located more than 5' from junction box center to allow enough length for cord swag and drop length out of the stock 10' electrical cord. Longer cords can be ordered prior to shipment if desired.

2. If placing Float Pendants in a tight cluster near the junction box it is recommended that Swag Hooks be placed 10" or more from the center of the junction box and at least 16" apart from one another. The more Pendants in a cluster the further apart from the fixture center they should be mounted.



**CAUTION:** Before starting, turn off power at main circuit power.

3. There are two alternate ceiling conditions we provide for:

A. If mounting Swag Hooks into drywall use a 3/8" drill bit and drill hole through drywall. Insert Swag Hooks with wings folded to the side. Once through hole, pull back on the assembled pieces until the wings are engaged to lie flat against the inside of the drywall. The wings must be engaged to prevent them from twirling around while you tighten the Hooks. Twist the Hooks by hand until the threads no longer show and the washer lies flat against the drywall. Once the Swag Hook is hand tight use a wrench to firmly secure the Swag Hook nut against the washer to fully secure the Swag Hook to the ceiling.

B. If mounting Swag Hooks to wooden beams, first carefully pre-drill a hole in the beams with a 5/32nd drill bit making sure to drill the hole plumb to the ground and that the hole is at least 2.5" deep to fully house the Swag Hook threads. Remove toggle bolt and slowly screw in Swag Hook into hole using the threads to advance the Hook.

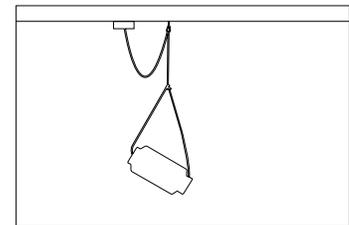
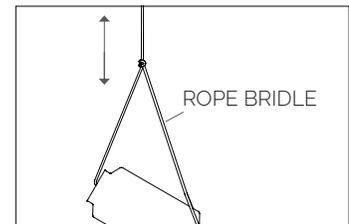
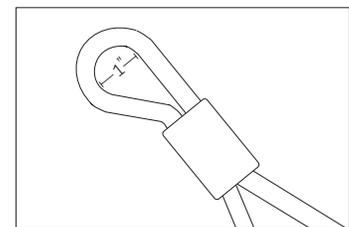
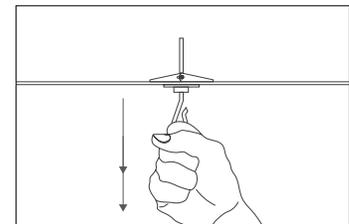
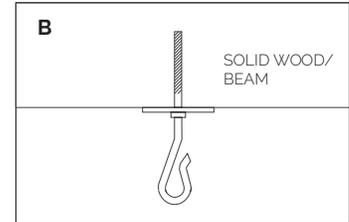
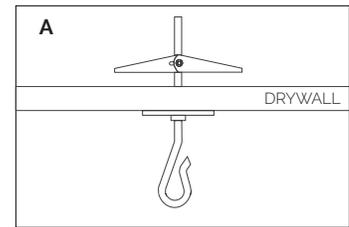
4. Once the Swag Hooks are connected to the ceiling, test for strength by pulling down on the Hooks firmly and to ensure they are fully secured.

5. After all Swag Hooks have been installed carefully, unpack pendants and begin to determine the hanging heights of the cluster. The pendants come with a Leather Band pre-installed in a loose loop on the end of the cord. Once the individual fixture hanging height has been determined, slide the Leather Band in place to create a loop in the cord at the desired length from top of fixture to ceiling. **In order to help secure Leather Band, the cord loop should be no bigger than 1" in diameter.**

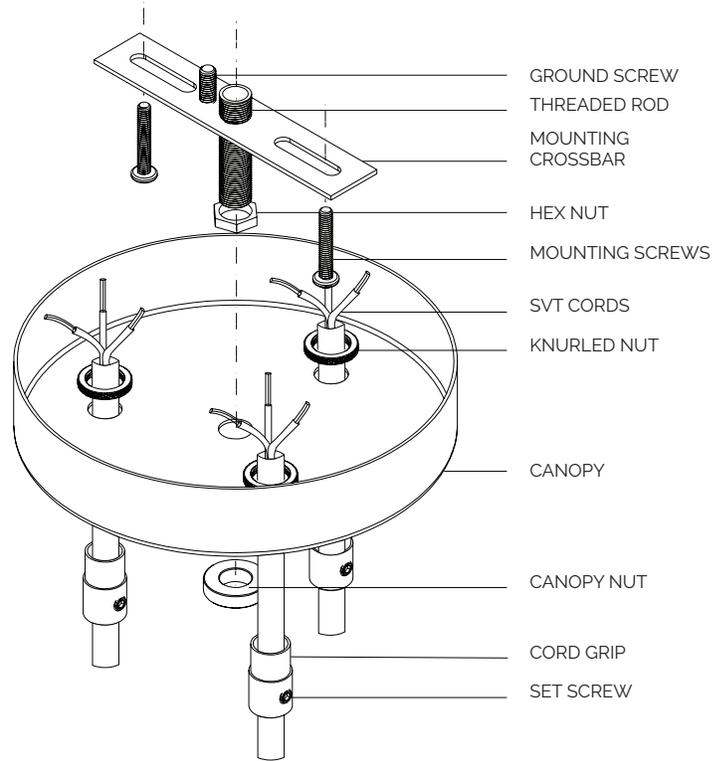
6. Once the Leather Band is secured each pendant can be suspended from a Swag Hook and the pendant's angle of orientation adjusted. The vertical angle of each Float pendant can be adjusted by moving the Rope Bridle up and down the electrical cord. The horizontal angle of suspension can be adjusted by rotating the Swag Hook in the ceiling or adjusting the way the Leather Band and cord loop connect to the Hook. Once the angle of suspension has been determined then final height adjustments can be made by adjusting the location of the Leather Band on the cord. Once finalized the Leather Band should be pushed up as far as possible to prevent slipping and fix the pendant height.

7. Once all the pendants have been suspended from the Swag Hooks, then the electrical cords can be measured and cut to connect to the Canopy. The amount of curve in the cord swag is a matter of personal preference but it is recommended that enough cord be left to allow for a gentle curve and that some time is taken to smooth out electrical cord so that cord has no kinks or sharp bends.

8. Once length has been determined for the cord swag then the electrical cord can be cut 5" longer than the desired length and inserted into the ceiling Canopy. Once the pendant cords have been fed through the Canopy and secured with Cord Grips then the cloth covered jacketing can be stripped back and wires stripped.



9. With the wires connected to Canopy Cord Grips the fixture can be connected to the power source and the Canopy mounted to the ceiling. To do this, first connect the Crossbar to the junction box with the Mounting Screws and adjust the Crossbar mounted Threaded Rod until it is  $\frac{1}{8}$  -  $\frac{3}{16}$ " longer than the overall Canopy depth and lock it in place with the Hex Nut. Using the Wire Nuts, connect the separate wires together to the line voltage. Slip the Threaded Tube through the center hole of the Canopy and use the Canopy Nut to secure the Canopy to the ceiling.



10. Insert Light Bulbs, turn on and enjoy!

\*\* Example of a 3 Hole canopy, your canopy may differ from the one shown above

## TROUBLESHOOTING

### CANOPY NUT NOT FULLY SECURING CANOPY

In order for the Canopy Nut to securely tighten the canopy to the ceiling the length of the Threaded Rod should be adjusted up or down in the Crossbar until only  $\frac{1}{8}$ " -  $\frac{3}{16}$ " of the Threaded Rod sticks below the canopy when pushed flat against the ceiling.

### ROPE BRIDLE AND ADJUSTING ANGLE

Each Float Pendant comes with a Rope Bridle that comes pre-attached to the bottom of the pendant and connected to the electrical wire with a knot. To adjust the angle of the pendant the Rope Bridle can be moved up and down the wire by moving the knot. Should the knot get untied follow the illustration below to retie the knot and then tuck the loose end of the rope into the bridle mounted brass ring.

