

Before Getting Started

Check Your Panels

Make sure you received everything you ordered. Please let us know if you have any questions or concerns by calling 1.800.727.6770 or visiting xorelartform.com.

Prep Your Work Area

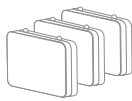
Clear the area of all furniture. If the room where the baffles are going to be installed has a hard floor, clean the floor, or cover it in construction paper to protect the panels when laying them face down.

Note

If there are obstructions on the ceiling (water pipes, electrical boxes, etc), the cables can be relocated 1/4" to 1/2" off center.

We recommend having a rendering/layout of the final design on site for reference during installation.

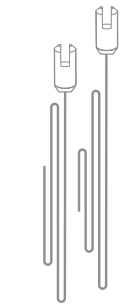
Packaged Components



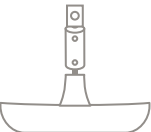
Baffles with 2 - 4 tabs



Screw eyes & rawl plugs
2 for each baffle



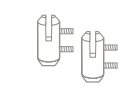
5' Coated wire with top pendants attached
2 for each Cascade



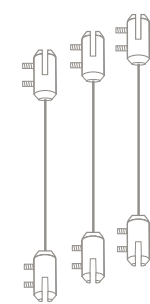
Digital Scale



2 Allen keys



Additional pendants with set screws
2 for each Cascade



Pre-assembled pendant with cable and set screws
2-4 for each baffle

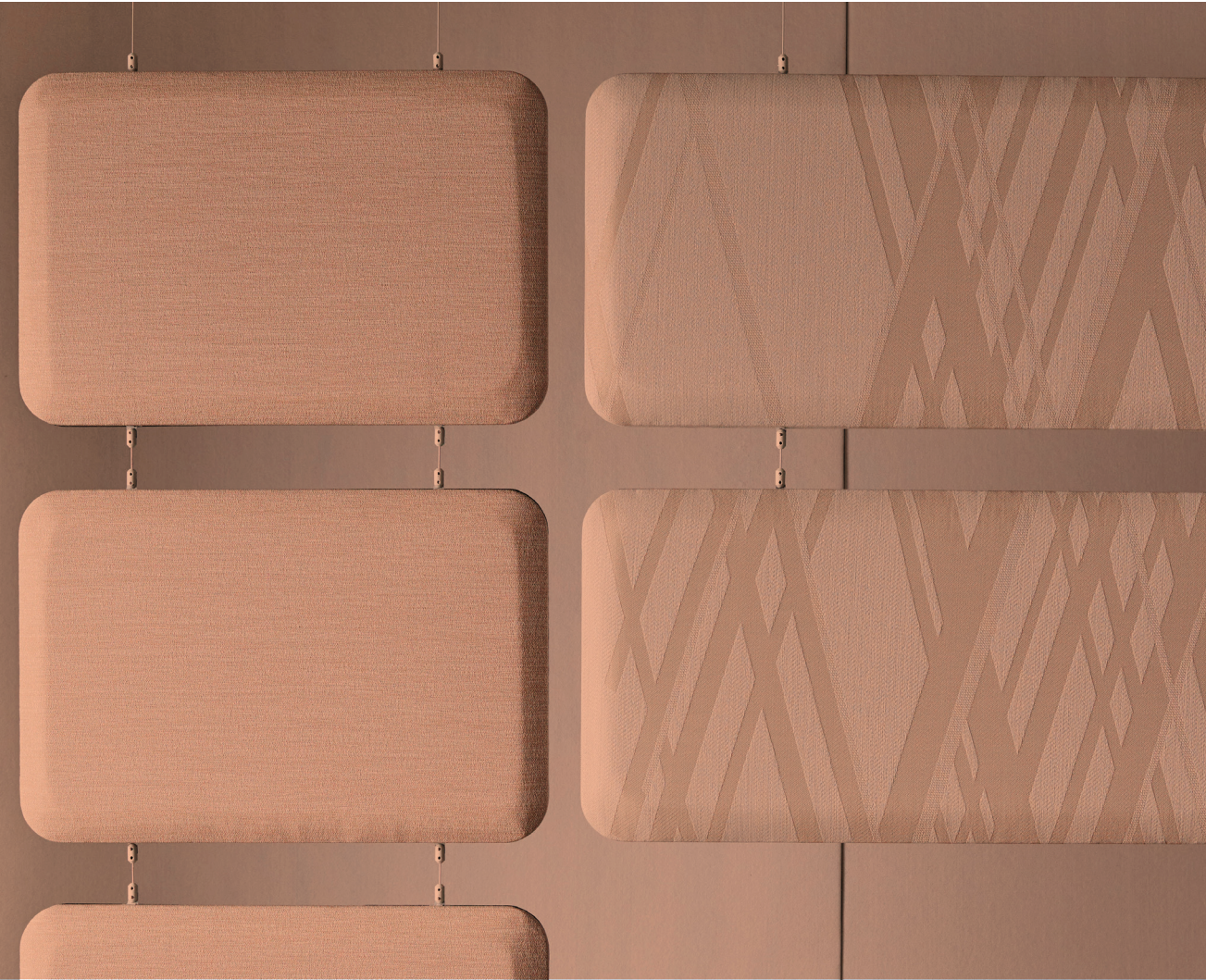
Additional Tools Needed

Masking Tape
Vertical Spot Laser
Wide Field Laser
Wirecutters
Pliers

Installation Guide

Xorel **Artform**

Ceiling Vertically Suspended Acoustical Dual-Sided Partition - Cascade Using Cables



Carnegie

Contact Us

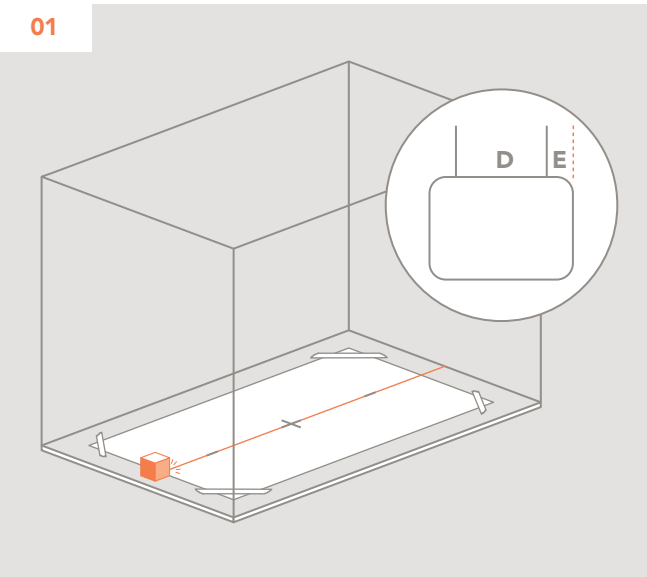
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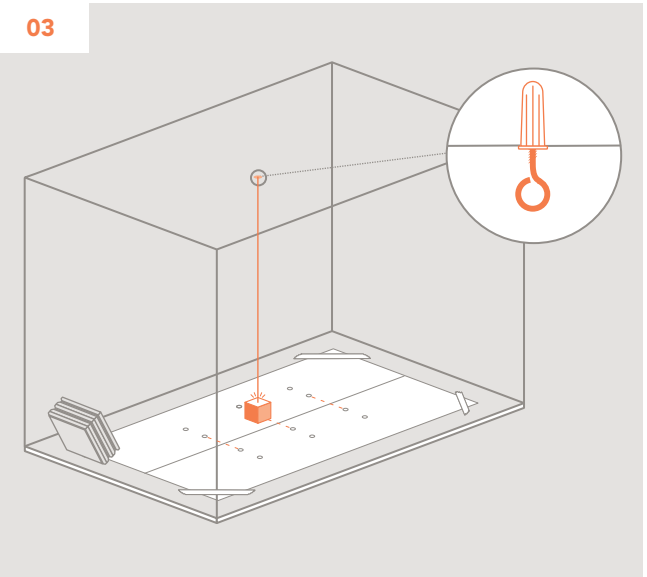
Installation Steps



Locate Cascade position(s) on ceiling or floor.

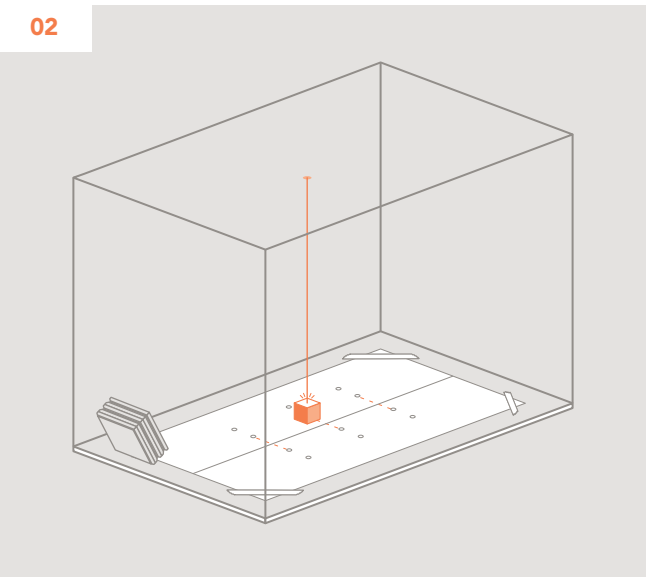
Reference the Installation Measurements chart within this guide and note the D and E measurements for the shape and size baffle being installed.

D = distance between each hanging cable (aka center points)
E = distance between the end of the baffle and closest hanging cable (aka outer points)



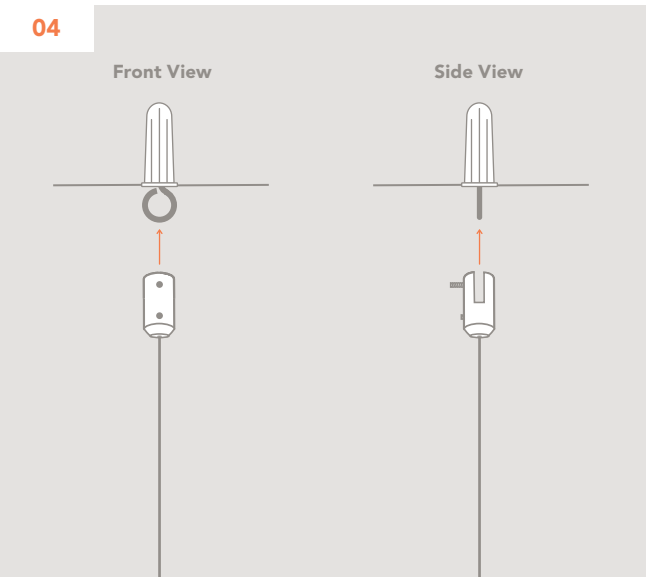
Once all center points are marked, use the D measurement listed on the Installation Measurements chart to ensure the accuracy of spacing.

Install the rawl plug and screw eye to each center point on the ceiling.



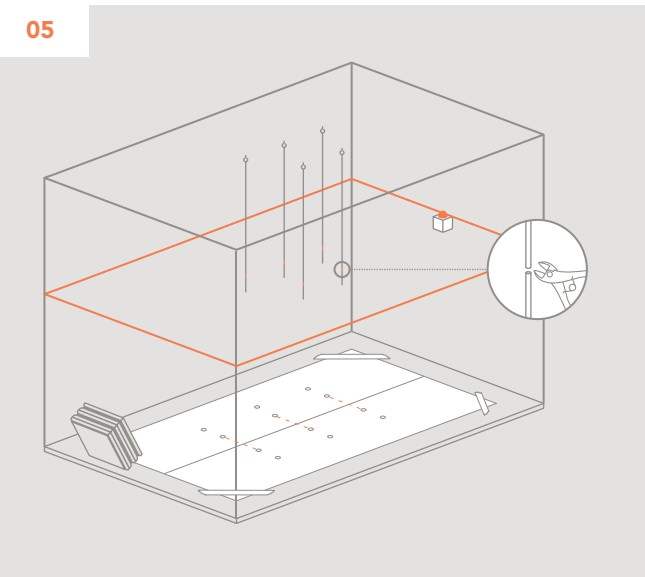
Use masking tape to mark the center (D) and outer (E) points on the floor directly under the location each Cascade will be installed.

Place the vertical spot laser on top of each center point tape, and mark the center points (D) on the ceiling (2 points per baffle).



Attach the 5' cable to the ceiling by placing the pendant on the screw eye and using the allen key to attach and tighten the top set screw into the screw eye.

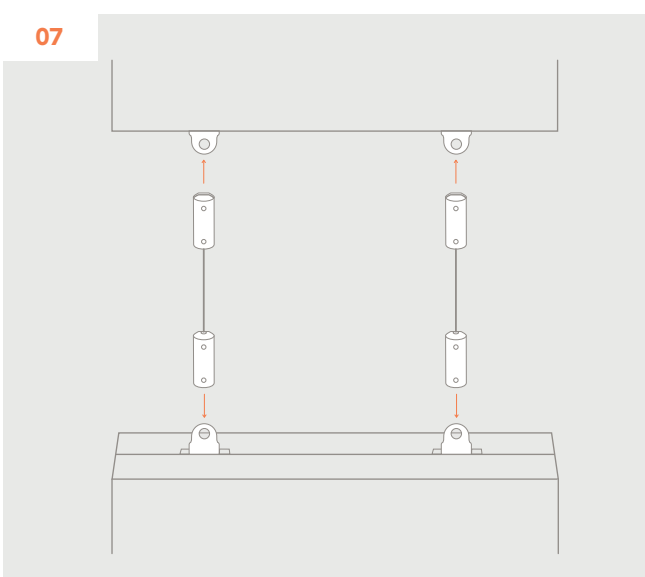
Note: The set screws should not protrude from either side of the pendant.



Using the wide field laser, cut each cable at the C measurement.

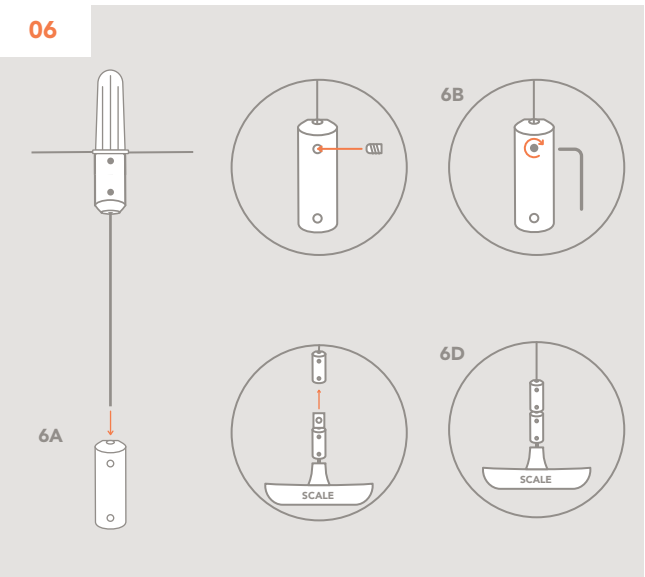
To determine the C measurement, reference applicable Cascade diagram on the Installations Measurements chart and the following formula using the given dimensions.

$B \text{ (overall Cascade dimension)} + A \text{ (desired floor clearance)} - F \text{ (overall height)} = C$



To connect the remaining baffles in each Cascade, attach the pre-assembled pendant with cables to the tabs at the top and bottom of each baffle.

Note: the bottom baffle used in each Cascade will be labeled.



Attach pendants to cut cables.

A) Insert cut end of cable into hole at the top of a pendant. Make sure the cable is pushed all the way in.

B) Using the Allen Key, tighten the top set screw until it is lightly touching the cable to hold it in place.

C) Use the Allen Key to tighten the bottom set screw as much as possible, without bending the key.

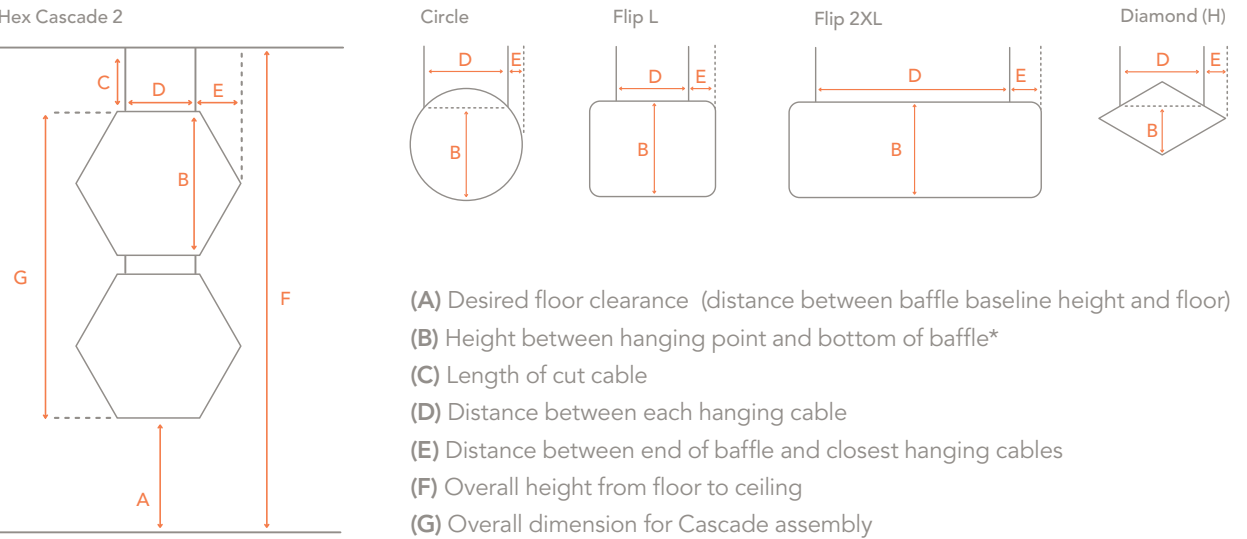
Note: the set screws should not protrude from either side of the pendant.

D) In order to test the strength of the cable, attach the scale to the pendant and pull to 40 pounds. Repeat for each cable.

E) If the cable/pendant attachment holds the weight, it's secure, however if the pendant disengages from the cable do the following:

1. Neatly cut the small piece of exposed hang wire.
2. Remove the set screws and small plastic piece in the pendant hole using the Allen Key. Replace set screw and repeat Steps 6, A-D.

Installation Measurements



	Panel Width (inches)	D (inches)	E (inches)	B (inches)
Circle	24 (L)	14	5	22.25
Diamond (H)	32 (L)	19	6.5	13.5
Flip	24 (L)	14	5	16
	48 (2XL)	29	9.5	16
Hex	24 (L)	10	7	20.75

* For Circle Cascade and Diamond Cascade (B) dimension starts at top connecting point not top of panel

Overall Dimension for Cascade Assembly (G)

	Cascade 2 (inches)	Cascade 3 (inches)	Cascade 4 (inches)	Cascade 5 (inches)	Cascade 6 (inches)
Circle	48.75	75.75	102.75	129.75	156.75
Diamond (H)	35.5	55	77.5	99	120.5
Flip (Large & 2XLarge)	35	54	73	92	111
Hex	44.5	68.25	92	115.75	139.5