The space required to install a sail should be larger than the sail’s dimensions in a relaxed state. This allows the sail to be tensioned to fill the space, which minimizes sagging, improves water shed, and reduces any movement in the sail caused by the wind. Tenshon’s pulleys create an additional offset of approximately 15” from each attachment point. This guide provides the ideal space requirements in order to have a properly tensioned sail.

Each pole or attachment point should be placed on a line that bisects the corner angle of the shade sail. This will evenly apply tension to all edges of the shade sail to reduce sagging and bunching at the corners.

Height variation between attachment points helps the shade sail perform as designed and creates a pleasing aesthetic. We recommend approximately 1 foot of height difference for every 5 feet between attachment points.