# LED SHADE SAIL

- Up to 90% UV protection
- · High quality HDPE fabric
- Plated D-rings on corners
- · Warm white LED lights integrated in shade sail









### **INSTALLATION INSTRUCTIONS**

# **Step 1: Anchor Points**

An "anchor point" is the location where your sail attaches to a strong permanent structure (House/Pergola/Post etc).

Square/Rectangle Shade Sails require 4 anchor points.

When determining what/where to anchor your shade sail, consider:

- 1. Rain water runoff;
  - Square/Rectangle Sail, two corners MUST be lower than the other 2 corners Fig1.
- 2. To allow for tightening of the sail, two adjacent anchor points must be at least 25-30cm away from Sail D-Ring, (3 anchor points for Square/Rectangle Sail) Fig2.
- 3. Use turnbuckles to connect the unsecured D-Rings to structure Fig3.

Start each corner of the Shade Sail and pull taught, locating each of the corresponding anchor points & mark Fig4. Ensure each of these are structurally sound.

## **Step 2: Fitting Anchor Points**

IMPORTANT: Ensure ALL Anchor Points are strong and structurally sound. Some Anchor Points may already exist (Wall/Fascia/Post) **Fig5.** If a pre-existing Anchor Point does not exist, you will need to install or create your own Anchor Point (eg. Post) **Fig6.** 

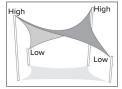
# Step 3: Installing Shade Sail

Start by installing the corner WITHOUT the use of a turnbuckle before moving onto the other corners. Ensure the side with LED lights of the sail is facing DOWN when installing. **Fig7.** 

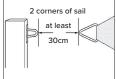
## Step 4: Securing Shade Sail

Use turnbuckles to tighten Shade Sail **Fig8.** until even tension is spread across the Shade Sail, stop tensioning when the Shade Sail is rigid and does not sag. Do NOT over tighten material.











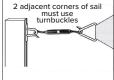


Fig4.



Fig5.

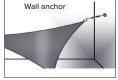


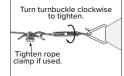
Fig6.



Fig7.



Fig8.







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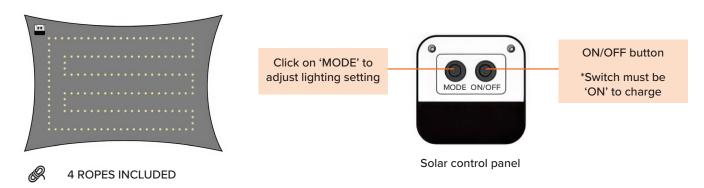






### **OPERATION**

- Check the tensioning of the Solar LED solar sail at regular intervals.
- Ensure the solar control panel is set to ON and expose under sunlight to charge.
  The control panel is a sensor and will automatically turn lights on during dusk.
  Control panel must be 'ON' to charge.
- A period of up to 6-8 hours is required to fully charge the battery through daylight, the time is dependent on sunlight intensity.
- 2x light functions (permanent & flashing lights) this can be adjusted via the 'MODE' switch.



- Choose a suitable position for the Solar LED shade sail. Ensure the solar panel component is exposed to sunlight and not covered by shadows.
- The solar panel is attached to the sail on a hook & loop fastener and can be removed at any time.
- · Clean shade sail and accessories with a clean, dry cloth.

# **WARNING!**

Do not light a fire below the shade sail. Do not place open fire, grills, heating source near the sail. Solar LED shade sail must never be covered with objects or clothing. Do not use the Solar LED shade sail when covered. Do not hang objects on the Solar LED shade sail. The shade sail must not be cut/slashed. Do not operate the Solar LED solar sail in or under water and do not immerse it in water or other liquids. NEVER ALLOW WATER TO POOL IN/ON SAIL. Do NOT expose shade sail to harsh cleaning agents/chemicals.

Check the Solar LED Shade Sail and all accessories for any external damage. In case of damage, do not use the Solar LED Shade Sail.

Sail may need to be removed in high winds.

Warranty covers product only, not installation or additional products used.

