

## Bamboo LED Light Gardens

This attractive Light Garden looks beautiful in any living space and includes all of the latest technology in lighting and efficiency. With our high-output LED grow lights, your plants will grow fuller, faster, and stronger. It's available in 3 different sizes so you can get the one that fits your space and your growing needs. You can even stack them on top of each other to create your own customized growing system!

### Parts List

#### Frame Assembly

- (1) Shelf Frame with 4 Predrilled Holes
  - (1) Shelf Frame
  - (2) End Frames
  - (4) Light Clips
  - (4) Small Screws
  - (4) Rails
  - (8) Bolts
  - (8) Wooden Dowels
  - (8) Cross Dowel
  - (1) Metal Tray
- Hex Key included

#### Light Assembly

- (2) Lights
- (1) Link Cable
- (1) Power Cord

#### Tools Needed

Phillips screwdriver

#### Cross Cable Assembly (Medium and Tall only)

- (4) Angle Brackets
- (8) Screws
- (4) Large Banjo Screws
- (2) Cables

Bamboo LED Light Garden Low



### Assembling the Frame

**Step 1.** Place the Shelf Frame with 4 Predrilled Holes face up on a flat surface. Line up the holes in the Light Clips with the holes in the Frame and attach them using the Small Screws (Figure 1).

**Step 2.** Find the 4 sets of holes on the inside corners of an End Frame and insert a Wooden Dowel into the top hole in each set (Figure 2). **NOTE:** The bottom of the End Frame has feet attached to it.

**Step 3.** Using Figure 2 as a reference, line up a Rail with the End Frame, positioning it so the groove is closer to the top. Place a Cross Dowel into the opening face up, making sure the hole in the Dowel is lined up with the hole in the end of the Rail. Slide the Wooden Dowel into the top hole in the Rail.

**Step 4.** Place a Bolt through the hole on the outside of the End Frame and through the holes in the Rail and the Cross Dowel. Use the Hex Key to tighten it into place (Figure 2).

**Step 5.** Repeat Steps 3 & 4 to attach a Rail to each corner of the End Frame, always making sure the grooves are positioned closer to the top of the Frame.

**Step 6.** Slide the Shelf Frame with the attached Lights Clips into the grooves on the top set of Rails (Figure 3). Slide the other Shelf Frame into the bottom set of Rails.

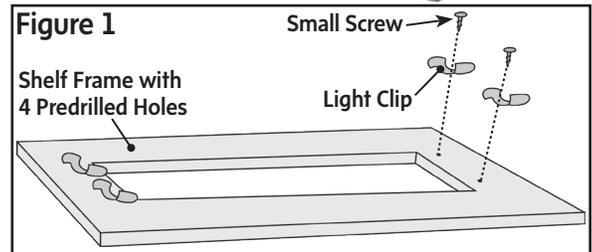
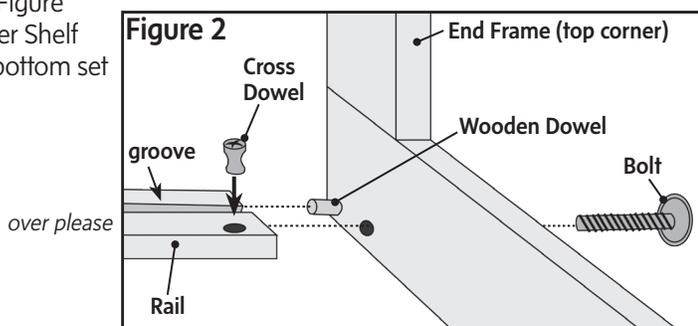
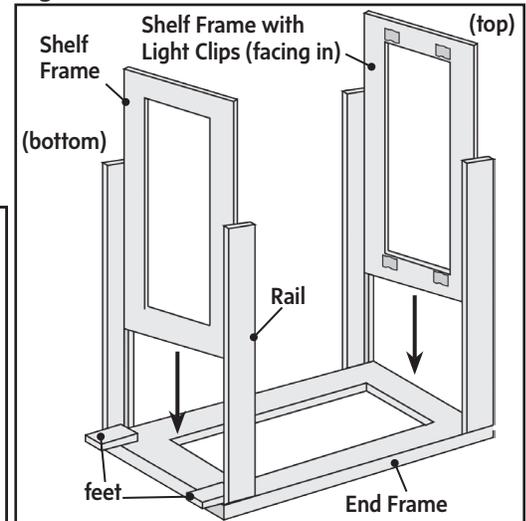


Figure 3: Frame on its side



**Step 7.** On the open ends of the Rails, place the remaining Wooden Dowels and Cross Dowels (Figure 4). Set the remaining End Frame on top of the Rails, positioning it so the feet are at the bottom of the Frame. Insert the Wooden Dowels into the holes in the Frame, then follow Step 4 to secure the pieces together.

## Installing the Cross Cables

**NOTE:** Skip to Step 12 if you are assembling the Low Light Garden.

**Step 8.** Locate the predrilled holes in the back corners of the assembled Frame. For each Angle Bracket, line up the side with 1 hole with a hole in the Frame, then insert 2 Screws through the holes in the other side (Figure 5).

**Step 9.** Use the Hex Key to screw two Banjo Screws into the open holes in the top Angle Brackets. Tighten them until you can no longer see the threads (Figure 5). Insert the remaining Banjo Screws into the bottom Angle Brackets, leaving some of the threads showing so you can use them to tighten the Cables later.

**Step 10.** Feed the open end of a Cable through the hole in a top Banjo Screw, pulling until the ball is directly against the Screw (Figure 6). Insert the other end of the Cable through the bottom Screw on the opposite side of the Frame. Starting with some slack in the Cable, use your Hex Key to tighten the Screw until there is just a little bit of tension in it.

**Step 11.** Repeat Step 10 to attach the other Cable. With both Cables in place, use your Hex Key to make sure they are equally tightened to the point where the sides of Frame are parallel to each other and perpendicular to the ground. This will strengthen your Frame so it doesn't sway when you move it. **Important:** Do NOT overtighten the Cables as this may cause the frame to crack.

## Attaching the Lights

**Step 12.** Using Figure 7 as a reference, lay the Lights parallel to each other and plug the Link Cord into the ends. Plug the Power Cord into the opposite end of one of the Lights and direct it outward.

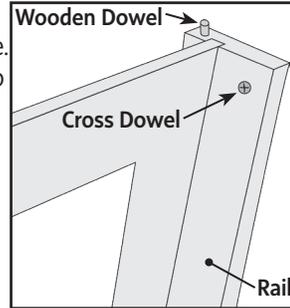
**Step 13.** Flip the assembled Light Frame over so the Light Clips are facing up. Lay the Lights on top of the Clips, positioning them so the Power Cord is at the back of the Frame. Press the Lights into the Clips.

**Step 14.** Sit the Frame upright and place the Metal Tray into the bottom of it. Plug in the Power Cord and use the switch to turn it on. Your assembly is complete!

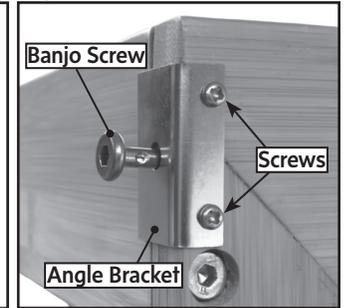
## Tips

- The Galvanized Tray is watertight. It is also sold separately (8597905) if you'd like one to place on the top of your Grow Light for additional shelf space.
- The Bamboo Light Garden Base (8597888, sold separately) adds casters and mobility to your Light Garden.
- You will notice that seedlings grow faster under these lights than with lights you may have used in the past. Fertilizer application may need to be adjusted accordingly.
- When stacking Light Gardens on top of each other, we recommend securing them to your wall for stability.
- Each individual unit can hold up to 50 lbs. max. When stacking Light Gardens, the top units can hold up to 30 lbs. Please place heavier objects on the bottom units.

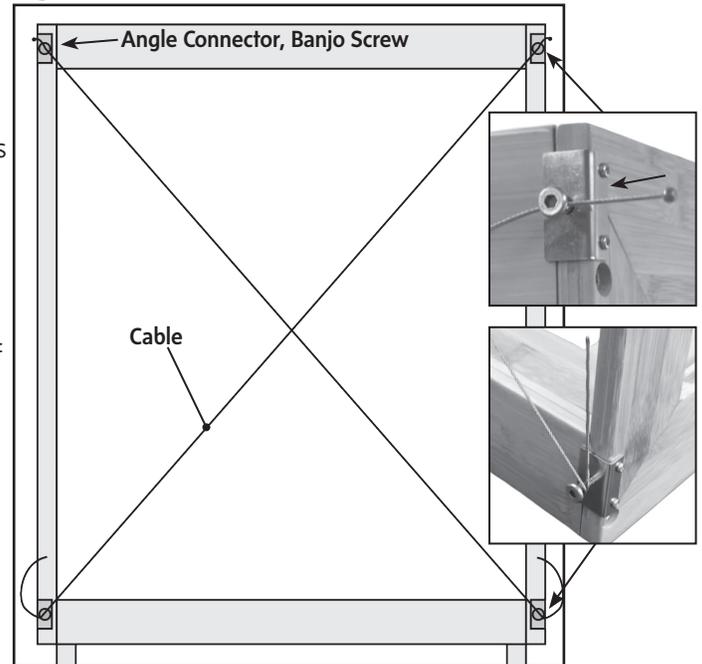
**Figure 4**



**Figure 5**



**Figure 6: Back of Frame**



**Figure 7**

