

# GARDENERS SUPPLY COMPANY

## LED Tabletop SunLite® Garden

Our Vermont-made SunLite® Gardens employ the latest in lighting technology to give your plants the ideal quality and intensity of light for optimum growth. You can start plants from seed, grow herbs, houseplants, succulents and even orchids..

Our ultra-light fixture has a slim profile to give plants plenty of headroom and measures a full 14" wide to ensure even light coverage. Inside, there are two LED bulbs that produce an abundance of brilliant, full-spectrum light. These bulbs use half the electricity of fluorescent bulbs and provide up to 50,000 hours of use.

The fixture has a pull chain for easy height adjustments and electronic ballasts to eliminate buzzing. This complete light garden includes frame and fixture, LED bulbs, watertight trays and casters.

With the help of one other person, you can assemble your LED Tabletop SunLite® Garden in less than an hour. Put the Frame together first, then assemble the Lights and hang them in the frame.

Before you begin, identify and organize all the parts on a flat, clean surface and gather your tools. As you organize the parts, note that most pieces are labeled with a part number. Follow the illustrations closely to be sure the parts are oriented correctly as you put them together. Assembly begins on the next page.

### Parts Included

		Qty.
Frame:	A1 Side Frames	2
	A2 Bars	2
	A3 Bars	1
	A4 Side Base Frames	2
	Poly Tray	1
Lights:	Light Fixture Hoods	1
	Ballasts with LED Bulbs	2
	6' Electrical Cords	1
Hardware:	Ball Chains	2
	Chain Connectors	4
	Large Split Rings	2
	Small Split Rings	2
	Chain Grips	2
	Bolts	8
	End Plugs	6

### Tools Required

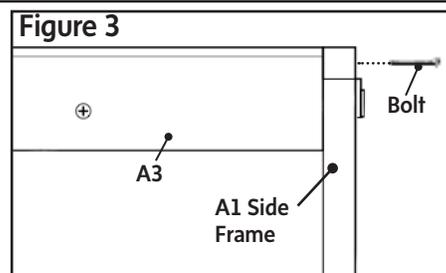
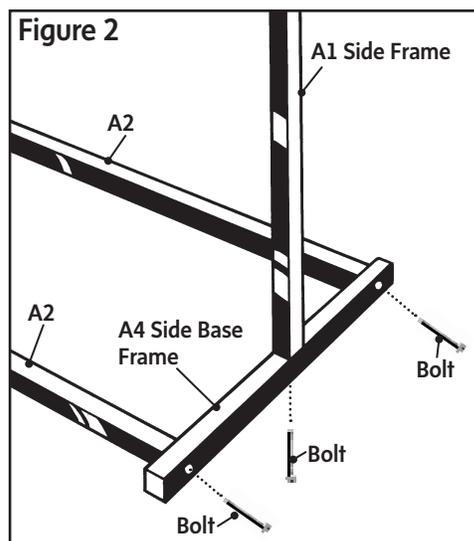
Phillips screwdriver  
Hammer or rubber mallet  
Needle-nose pliers  
Twist tie, optional

**Note:** Assembly is easier with two people



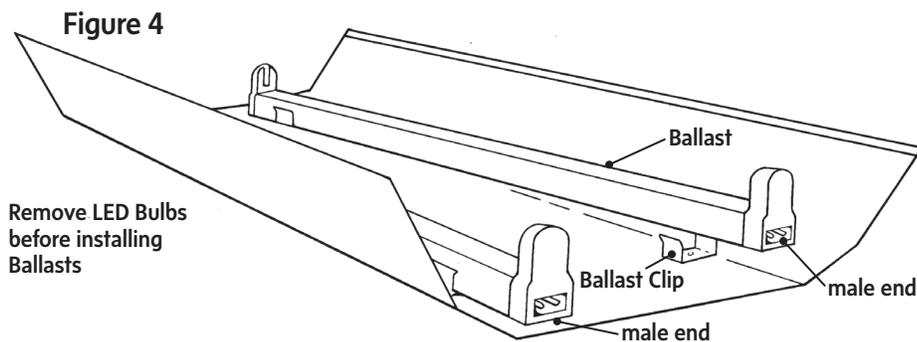
## Frame Assembly

- Step 1.** Lay out all Frame Parts on a flat, clean surface.
- Step 2.** Connect an A4 Side Base Frame to the end of each A2 Bar using two Phillips-head bolts (Figure 2). Repeat this step to connect the second A4 Side Base Frame to the other end of the A2 Bars. Do not fully tighten the bolts on the frame until Step 4.
- Step 3.** Connect the A1 Side Frames to the A4 Side Base Frames by placing a Phillips-head bolt up through the hole in the underside of each A4 Frame (Figure 2). Make sure the pre-drilled guide hole in the A1 Side Frame is positioned near the top (Figure 3).
- Step 4.** Insert a Phillips-head bolt through the top bolt hole of the A1 Side Frame into the end of the A3 Bar (Figure 3). Do this on both ends of the Bar. Now fully tighten all the bolts on the frame.
- Step 5.** Insert the six End Plugs into the square ends of the Frames and use a rubber mallet to gently tap them into place.
- Step 6.** Rest the Light Garden on a table and place the Poly Tray on the table between the A2 Bars. You are now finished assembling the frame.

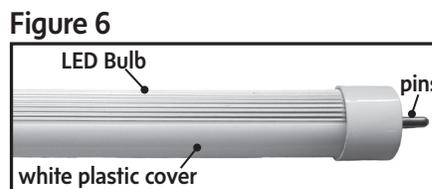
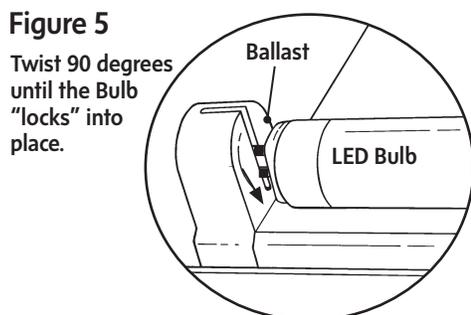


## LED Fixture Assembly

- Step 1.** Place the Light Fixture Hood upside down on a level surface. This will reveal the Ballast Clips inside (Figure 4). **Important:** Remove the LED Bulbs to prevent breakage during assembly by twisting them 90 degrees and sliding the pins through the slots (Figure 5).
- Step 2.** Examine a Ballast and note that one end of it has an open pin (female) socket and the other end has a closed pin (male) socket. **Important:** Place the Ballasts into the Hood so that both male ends are facing the same direction, as shown in Figure 4. Push a Ballast into each set of Clips, making sure to center the Ballasts in place.



- Step 3.** Plug both ends of the Electrical Cord into the male ends on the Ballasts.
- Step 4.** Reinstall the LED Bulbs by sliding the pins on the Bulbs into the Ballast sockets, then gently twisting the Bulbs 90 degrees until they "lock" into place (Figure 5). Do not force the Bulbs into place. **Tip:** If the LED Bulbs look misaligned, press on the white plastic cover to pop it back into place (Figure 6).
- Step 5.** Place the Light Fixture on the Poly Tray in the assembled Frame. Turn it over so that the Tubes are facing down. Remove the protective plastic film from the black side of the Light Fixture Hood.



## Ball Chain Assembly

**Step 1.** Attach a Chain Connector to each Large Split Ring (Figure 7). If necessary, use needle-nose pliers to pry and hold open the Split Rings.

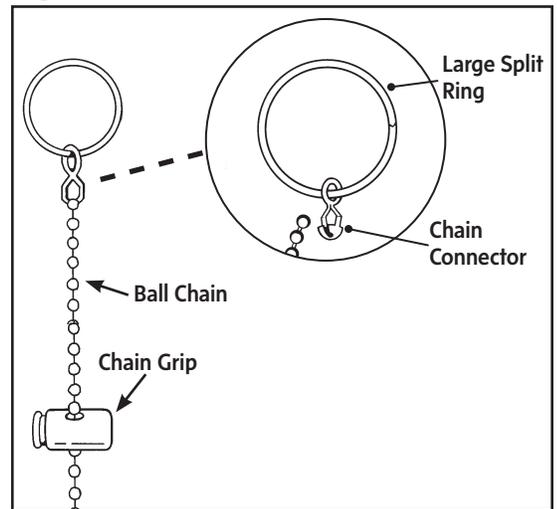
**Step 2.** Connect one end of each Ball Chain to a Chain Connector on the Large Split Rings. The last ball of each chain will “snap” onto the connector (Figure 7).

**Step 3.** Take the loose end of one Ball Chain and thread it through the Chain Grip (Figure 7 detail) then through the Guide Hole in the top A3 Bar (Figure 8). Direct the loose end of the chain over the spacer inside the A3 Bar (Figure 8). If this proves difficult, attach a twist-tie to the end of the chain to help lead the chain over the spacer or tip the frame onto its side. Repeat to install the Ball Chains on both sides.

**Step 4.** Attach a Chain Connector and Small Split Ring to the end of each Ball Chain (Figure 8).

**Step 5.** Find the two slots with the “T”-shaped tabs in the top of each Light Fixture. Hook each hanging Small Split Ring around the “T”-shaped tabs (Figure 9). **Tip:** Angle the ring around one side of the T, then the other.

Figure 7



## Adjusting the Fixtures

**Step 1.** Check the Ball Chains to make sure they are correctly positioned and move freely through the Chain Grips when pinched. **Important:** Support the Light Fixture with one hand when pinching the Chain Grips.

**Step 2.** Adjust the height of the Light Fixture one side at a time by pulling the chain out of the Chain Grip with the least amount of resistance, as shown in Figure 9. **Important:** While supporting the Fixture with one hand, be sure the Chain Grip firmly catches the chain before removing your support.

## Fixture Use and Safety

- Use the power cord only with a properly grounded electrical outlet or power strip. If water is spilled near the power source, unplug the unit before you wipe up the water.
- Do not put objects on top of the Frame or on Light Fixture.
- Always turn off the power to the Light Fixture when inserting, adjusting or removing LED Bulbs. If you insert a LED Bulb when the power is on, it may trigger an auto safety mechanism, resulting in the light shutting off. If this happens, turn off the Fixture; make sure the LED Bulbs are fully seated in the tube sockets; wait for thirty (30) seconds, then turn the Fixture on again. This will reset the Light Fixture so the lights operate normally.
- For best results, attach a timer to your lights to control the length of time the lights are on and to be sure your plants get adequate light.

For articles and tips on seed starting and growing under lights, plus seed-starting systems and supplies, please visit us at [www.gardeners.com](http://www.gardeners.com).

Figure 8

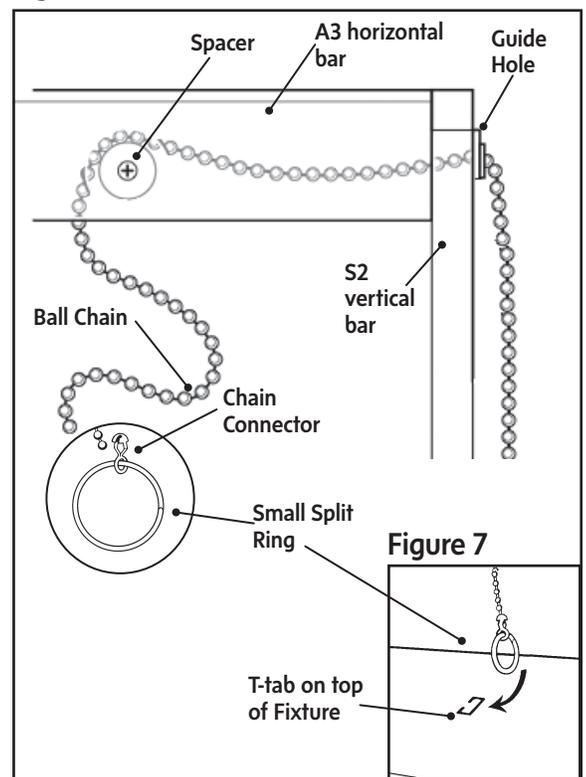


Figure 9

