

HOUSE OF LIGHTS

Instructions:

Adult supervision is recommended for this assembly.

1. Note: This structure requires parts from additional Snap Circuits® sets.

2. Place base grid supports on base grid A.

3. Place parts on base grids B&C, and install into base grid supports on grid A. The pegs on grids B&C should be facing inward.

4. Place remaining parts on grid A.

5. Place the light tunnel (U30) on grid D, install grid D into the base grid support on grid A, finish connection of the V1s between grid D and grids B&C, and then add the remaining parts (four 2-snap wires) on grid D.

6. Mount grids E&F (E with pegs facing DOWN, F with pegs facing UP) at 45 degree angles on top of grids B&C using 6 stabilizers. Adjust the positions of the stabilizers as needed.

7. Install all four jumper wires. You may use any colors available. The jumper wires need only be 4" long, (distances shown on the drawing may be shorter than they appear).

8. Place wind fan on the motor (M4). Set the meter (M2) to the HIGH setting. Place the projector on the white LED (D6).

9. Turn on the slide switch (S1) to start the show. The color LED (D8) will light if there is enough light on the solar cell (B7).

10. This circuit may use up batteries faster than most, but you can remove the L4 lamps to extend battery life.

Front-Side view:
Stabilizers are identified as F1-F3 and B1-B3 (Front 1-3 and Back 1-3), as shown on this drawing.

