

LIGHT TOWER

Build a Color Changing Tower

PARTS LIST

QTY.	ID	NAME	Part #
1	3	3-Snap Wire	6SC03
1	B3	Battery Holder	6SCB3
1	D8	Color LED	6SCD1
1	D12	Color2 LED	6SCD12
1	S1	Slide Switch	6SCS1
1		Tower	6SCTOWER

IMPORTANT:

If any parts are missing or damaged,
DO NOT RETURN TO RETAILER.

e-mail us at: support@elenco.com.

You may order additional / replacement parts:
elenco.com/replacement-parts

GRAPHICS/TEXT SUBJECT TO CHANGE

STEM

SC-LTWR4_V1
753XXX



WHERE LEARN AND PLAY COLLIDE®

LIGHT TOWER

Build a Color Changing Tower

Model SC-LTWR4

Installing batteries:

- Remove the safety cover from the battery holder (if your holder has one) with a Phillips head screwdriver.
- Insert three (3) 1.5V AA batteries (not included) in the holder. Be sure to orient the battery "+" as marked in the holder.
- Replace the cover (if your holder has one). When installing a battery, be sure the spring is compressed straight back, and not bent up, down, or to one side.
- Battery installation should be supervised by an adult.



Assembly: Build your Light Tower



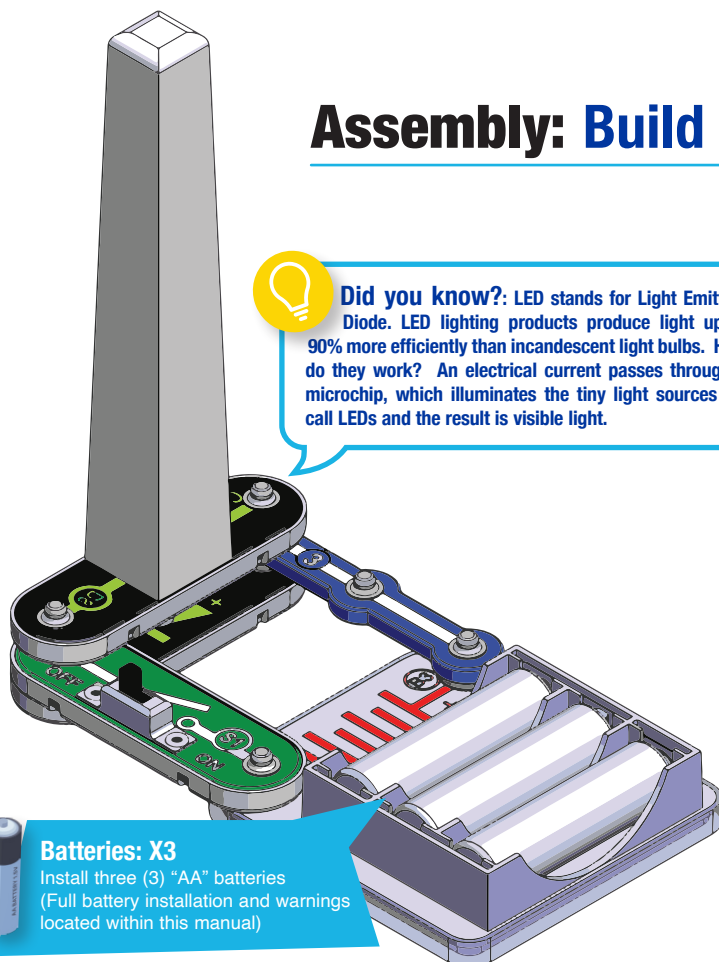
Did you know?: LED stands for Light Emitting Diode. LED lighting products produce light up to 90% more efficiently than incandescent light bulbs. How do they work? An electrical current passes through a microchip, which illuminates the tiny light sources we call LEDs and the result is visible light.

- Build your project as shown.
- First, place the Battery Holder (B3) and Color 2 LED (D12).
- Place the Slide Switch (S1) and 3-Snap Wire (3) on top.
- Finally, place the Color LED (D8) on top of S1 and 3-Snap Wire (3), directly over the Color2 LED (D12), with the '+' facing the same way.

Follow the next Project instructions to create multiple light shows!

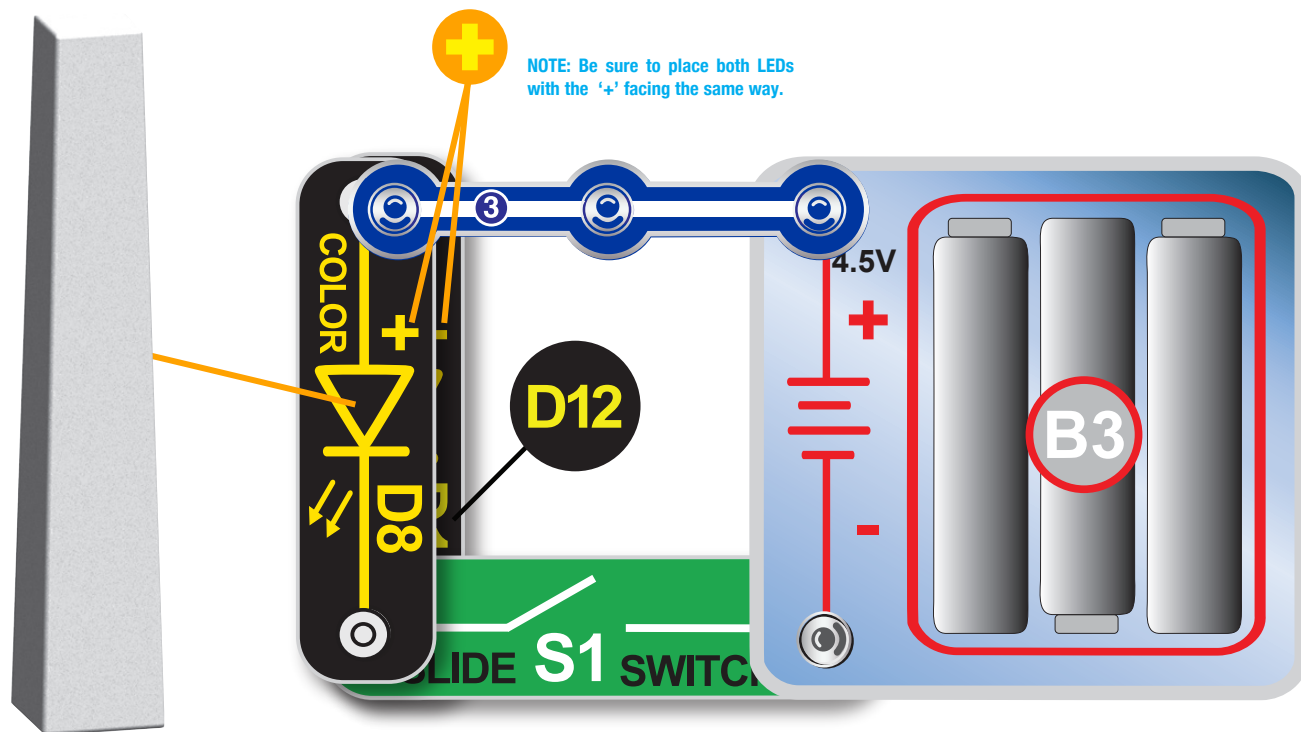
Project 1: Color Changing Tower

- Build the circuit as instructed above.
- Place the tower on D8 so it balances. Turn on the slide switch (S1) and enjoy the show. Place circuit in a dimly lit room for best effects.



Batteries: X3

Install three (3) "AA" batteries
(Full battery installation and warnings
located within this manual)



Projects: 2-5

Project 2: Light Show

- Remove D8 and place it directly across the battery holder. Now the switch controls D12 but D8 is always on.

Project 4: Two-Tone LED Tower

- Use the preceding circuit but replace the 3-snap wire with the other LED (LED "+" on right). The LEDs are dimmer than before.

Project 3: Slow Changing Tower

- Use the project 1 circuit but remove one of the LEDs. The remaining LED should be below the 3-snap and switch.

Project 5: Alternate Light Show

- Use any of the builds but swap locations of the D8 and D12 LEDs.

Adult Supervision: Because children's abilities vary so much, even with age groups, adults should exercise discretion as to which experiments are suitable and safe (the instructions should enable supervising adults to establish the experiment's suitability for the child). Make sure your child reads and follows all of the relevant instructions and safety procedures, and keeps them at hand for reference. This product is intended for use by adults and children who have attained sufficient maturity to read and follow directions and warnings.



WARNING: SHOCK HAZARD - Never connect Snap Circuits® to the electrical outlets in your home in any way!



WARNING: Moving parts. Do not touch the motor or fan during operation. Do not lean over the motor. Fan may not rise until switch is released. Do not launch fan at people, animals, or objects. Eye protection is recommended.

WARNING: Always check your wiring before turning on a circuit. Never leave a circuit unattended while the batteries are installed. Never connect additional batteries or any other power sources to your circuits.



WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years.

This instruction manual must be retained since it contains important information.

Batteries: X3



- Use only 1.5V AA type, alkaline batteries (not included).
- Insert batteries with correct polarity.
- Do not mix old and new batteries.
- Remove batteries when they are used up.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium batteries).
- Do not connect batteries or battery holders in parallel.
- Do not short circuit the battery terminals.
- Never throw batteries in a fire or attempt to open its outer casing.
- Batteries are harmful if swallowed, so keep away from small children.
- Non-rechargeable batteries should not be recharged. Rechargeable batteries should only be charged under adult supervision, and should not be recharged while in the product.

If you have any problems, contact: ELENCO® ELECTRONICS, LLC

150 Carpenter Ave. Wheeling, IL 60090 | (800) 533-2441 | support@elenco.com | elenco.com

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