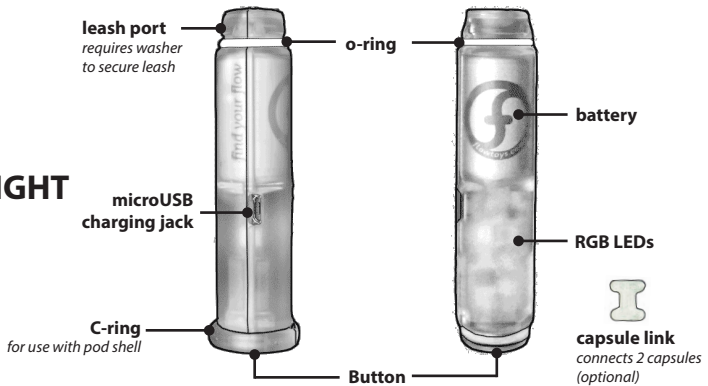




flowtoys

## CAPSULE LIGHT



The **capsule light** diffuses 12 LEDs into a single pixel of a million colors. It can be used in the flowtoys systems of poi, staffs, martial flow and juggle props. There are 10 adjustable modes, a preset mode with 10 patterns, a nocturnal mode to optimize battery life, and a “favorites” mode that recalls your last 10 saved patterns (mode + adjustment) and cycles through them on cue. Either the speed, color palette, brightness or preset patterns can be selected or adjusted in each mode. It utilizes an accelerometer to trigger “kinetic awareness” that changes the style of the pattern based on whether it is spinning or not. Charges from USB power and most modes last all night or longer!

**Charge your capsules:** Batteries come at different charge levels, and your newborn capsules may need awakening with their first charge. 10 minutes may get your going for a bit. A couple of hours may give you enough juice for a full session, or you may want to charge overnight to ensure a full charge. Enjoy and spread the light!

### BUTTON INTERFACE

There is a single recessed button on the bottom of the capsule. To **turn on**, press the button – it will enter the pattern it was most recently in. Pattern = mode + adjustment

**Select a mode:** Press the button briefly (short press), the light will blink and enter the next mode. The last mode is off.

**Adjust a mode:** Hold the button for over half a second (long press), let go when the light flashes, before it turns off. The mode will now cycle through its adjustment range. When you like what you see, press the button once (short press) to select the adjustment. You may also leave the capsule light in “adjust” for a constantly changing effect :)

**Turn off:** There are 2 ways to turn off the capsule light:

1. Hold the button until it turns off – about 1.5 sec (long hold) – the light will blink and fade out. This records/saves the last pattern you were in, and the light will return to it when you turn it back on. There is also a “favorites” mode that allows you to select from the last 10 patterns you saved.
2. You may also cycle through the modes until the light turns off. This will reset the capsule to the first mode, default adjustment. All modes start in their default adjustment when you change modes.

**Tip:** to reset a mode to its default, quickly cycle through to off and then through to that mode again.

## CAPSULE LIGHT MODES/ADJUSTMENTS

mode	default pattern	adjustment	<i>approx.</i> flowtime (hrs)
<i>charge indicator</i>	breathing color indicator (on USB power)	n/a	n/a
<b>rainbow</b>	saturated fading rainbow	speed of color fade	7
<b>rainbow drops</b>	saturated rainbow blips	strobe speed	21
<b>bold</b>	full-on white	color, saturated + pastels	6
<b>lantern</b>	warm light - great mood/flashlight	brightness	6
<b>fire</b>	flying fireballs	color palette	12
<b>water</b>	watery waves	color palette	15
<b>earth</b>	blocky layers	color palette	17
<b>air</b>	fluffy clouds in the sky	color palette	16
<b>spirit</b>	ethereal inter-phasing blips	color palette	58
<b>strobe</b>	bright white strobe	strobe speed	13
<b>presets</b>	10 preset patterns (see below)	select pattern	see table
<b>nocturnal</b>	all 20 patterns optimized to run for 15+ hrs	select pattern	15+
<b>favorites*</b>	10 most recently saved patterns	select pattern*	n/a
<i>off</i>	resets all modes to default adjustment - favorites are saved		

preset pattern	description	<i>approx. flowtime (hrs)</i>
<b>candy</b>	multi-colored candy bracelet	13
<b>petals</b>	ethereal multi-colored petals	77
<b>love</b>	soft pulsing shades of pink	16
<b>watermelon</b>	juicy pink + green	22
<b>freedom</b>	bold red, white + blue	12
<b>beads</b>	multi-colored beaded necklace	26
<b>microdots</b>	inter-phasing dots of rainbow light	46
<b>unicorn</b>	pastel fantasy rainbow	14
<b>solar flare</b>	bright bursts on golden sun surface	77
<b>flare-up</b>	flickery fire with bright bursts during stalls (sensitivity may vary)	28

### \*FAVORITES MODE

Favorites has a special kinetic behavior during adjust. It will cycle through its patterns for ~5 sec. each, just like presets or nocturnal modes, but when you start spinning, it will pause the cycle and remain on the currently displayed pattern until you stop. When you stop, the light will jump to the next pattern and continue to cycle every 5 sec. This feature enables you to create a "playlist" of recorded patterns, and "cue" them without having to press the button, just stall!

Visit [flowtoys.com](http://flowtoys.com) for more details.

## POWER

**Checking your battery charge level:** When off, press and hold the button. The light will blink a color indicating your charge level - ranging from red to green - until you let go. Your battery will most likely be low when you first receive your lights - please charge before use!

Red = really low, less than 10% left  
 Orange = OK, maybe 50% left  
 Yellow = should last a while, 50-90%  
 Green = good to go! 90% or more

**Note:** Colors are approximate. Runtimes vary greatly with different modes.

**Dead battery indicator:** If your light blinks red and turns off, the battery is dead.

**Charging the battery:** There is a microUSB jack on the side of the capsule light. Charge in any USB power source with a standard microUSB cable. The capsule light should turn on and begin “breathing” in its charge-level color. When charging, the indicator light is not entirely accurate until it’s actually green (which means it’s done). The capsule light takes about 2 hours to fully charge, but 90% of the charge happens in the first hour! If your capsules are deeply discharged (blue), you may want to charge them overnight.

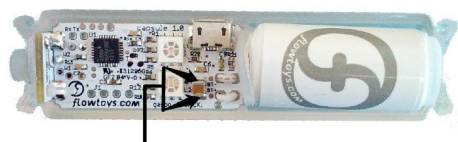
You can leave your capsule light on as it charges for an excellent mood/nightlight. It may take 3-4 hours to fully charge if running brightly while charging.

## TROUBLESHOOTING - MY LIGHT DOES NOT TURN ON AT ALL!

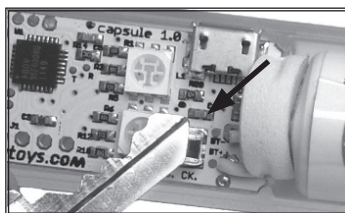
### Firmware crash: How to reset

The capsule light may crash when exposed to strong electrostatic discharges. This will make it **totally unresponsive** and require a hard reset. (If your capsule lights up AT ALL, do NOT reset.) A firmware crash is not very common, but it may happen to you. The most common cause is x-ray machines, e.g. during shipping or air travel. While only a small percent crash even in these conditions, we recommend bringing these instructions with you if you’re planning to travel by plane!

*Tip: take a picture of the instructions below and keep it in your phone.*



short here VERY BRIEFLY for hard reset



HOW TO “SHORT”: touch metal object across both contacts VERY BRIEFLY

### How to reset: accessing the electronics

Video instructions also available at [youtube.com/flowtoys](https://www.youtube.com/flowtoys)

- Remove the o-ring at the top of the capsule with your fingers.
- Remove the C-ring from the bottom of the capsule.
- The top of the shell should now come off easily and expose the circuit board.

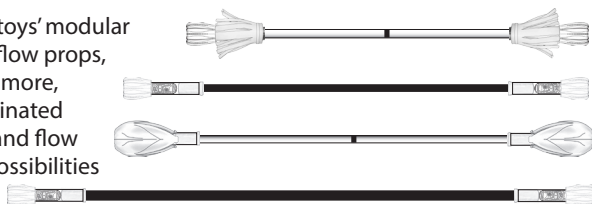
### How to reset: performing a hard reset

- Using a small metal object like tweezers, or a key, very briefly short circuit the metal contacts of the capacitor closest to the battery. This will drop the power to zero to fully reset the processor. It also shorts out the battery, which can damage it and generate enough heat to melt the wires. As long as the “short” is very brief (as fast as you can), it will not cause any damage. An easy way to create a momentary short is to “rock” the metal object across the contacts.
- If the battery is charged, you should see/hear some sparks/smoke as a tiny bit of the solder is vaporized. The voltage is too low to electrocute you.
- If it does not reset and you do not see/hear any sparks, you may not be making good contact. Try really digging into the metal, or charging your battery.
- The light should come on into “boot-test” mode after you do this. Hold the button down until the light turns off to enter normal operations.

**Tip:** Capsules are not waterproof! But if you drop them in water, it’s often possible to save them. Open, rinse with fresh water and dry ASAP! View a how-to video at: [youtube.com/flowtoys](https://www.youtube.com/flowtoys)

## CAPSULE LIGHTS IN STAFFS, BATONS, A VARIETY OF POI & MORE!

The capsule is compatible with Flowtoys’ modular system of poi, staffs, batons, martial flow props, flower sticks, juggling clubs, poi and more, enabling a whole new world of illuminated movement exploration, discoveries and flow adventures. Check out the endless possibilities at [flowtoys.com](https://www.flowtoys.com)



## SAFEGUARDS AND PRECAUTIONS

This guide outlines basic safeguards in using your flowtoys. The information presented cannot cover all possible circumstances that may occur. In using any flowtoy, the user understands that common sense and caution cannot be built into the product, and must be provided by him/herself. Please read all instructions before using your toys.

1. Flowtoys are intended for practice, play, performance and meditation. Do not use for any other purpose.
2. Do not use products under the influence of alcohol or drugs. Consult prescription labels to determine if a particular drug would impair your judgment or reflexes. If so, do not use this product.
3. Stay alert and use common sense. Do not use this product when tired or distracted. Be aware when in the presence of fragile or breakable objects.

**BEFORE USE:** Check for damaged parts before using any product. Ensure caps, connectors and battery doors are fully secured. Most flowtoys are made of individual pieces that can separate during use if not properly assembled.

**GENERAL CARE:** Repair or replace damaged or worn parts before use. Do not use damaged products.

**REGULAR MAINTENANCE:** Maintain all Flowtoys products with care. Store in a clean, dry environment. Avoid unnecessary exposure to sunlight: UV rays will weaken most plastics over time.

**WARNING: This product is not intended for use by children age 14 and under.**



## WARNING! LITHIUM ION BATTERY SAFETY PRECAUTIONS

You must read these safety instructions and warnings before using or charging your batteries.

Capsule lights use rechargeable lithium ion batteries. Lithium ion batteries might cause damages like leaking, fire or explosion when misused or defective. Failure to read and follow the below instructions may result in fire, personal injury and damage to property if charged or used improperly or if defective. Please read carefully and be aware!

- Always charge in an isolated area, away from other flammable materials like wood or carpet. Never charge batteries unattended.
- Please double check your charger to assure it is operating correctly at the beginning of every charge cycle. If your charger or battery becomes hot, balloons/swells, emits smoke or smells unusual, **STOP CHARGING IMMEDIATELY**. Observe the battery for 15 minutes in a safe area outside of any building or vehicle and away from any combustible material to assure that it does not ignite, and contact us.
- Some microUSB chargers on the market may have technical deficiencies that may cause them to charge Li-ion batteries incorrectly or at an improper rate. It is your responsibility solely to assure the charger you purchased works properly. Always monitor charging process to assure batteries are being charged properly.
- Do NOT disassemble or modify the battery. Vibration, puncture, contact with metals, exposure to liquid or tampering with the battery can cause it to fail. The battery contains safety and protection devices, which, if damaged, may cause the battery to generate heat, explode, ignite, or short circuit. Severe injury may occur.
- Store in a cool, dry place. Never store or charge batteries in extreme temperatures, such as a hot car; near heat sources or fire; or in pressurized or very cold environments.
- Keep away from children.
- In the event the battery leaks and the fluid gets into one's eye, do not rub the eye. Rinse well with water and immediately seek medical care. If left untreated, the battery fluid could cause damage to the eye.

## LIFETIME WARRANTY

At Home of Poi we have a free 12 month warranty/replacement process on all items purchased from us in the unlikely event that a fault occurs. This does not include claims arising from abuse or misuse. Unlike other warranties we do not ask you to send products back at your cost, we avoid this hassle by simply asking for photos and/or video of the fault. Once your claim is approved we will then send free parts/products or apply store credit to help remedy the situation. Most products can be recycled or reused locally, reducing the carbon footprint by not having to send items back. We feel this warranty substantially reduces waiting times and expense for you our valued customer. This really is the HoP hassle free, cost free, environmentally friendly warranty process.