

Frequently Asked Questions



Want to know more about our products?
Have a look through our FAQs
and you should find your answers.
For further information you can also contact us at
info-europe@cyalume.com

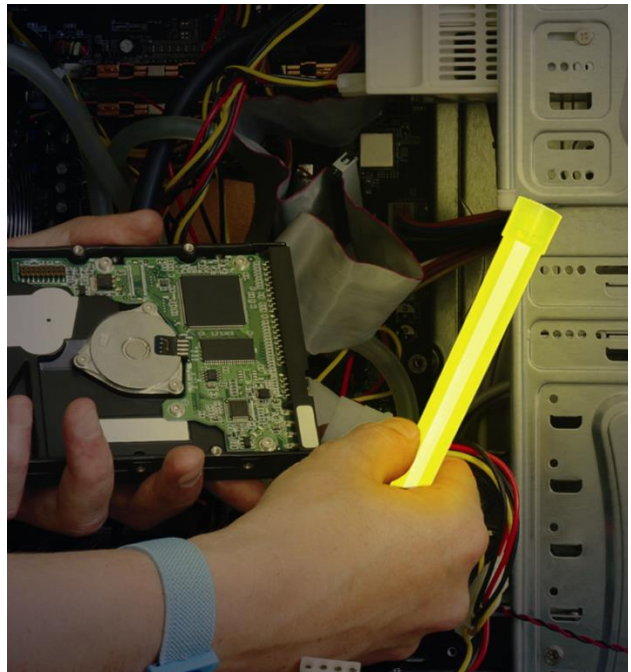


FREQUENTLY ASKED QUESTIONS ABOUT:

- TECHNICAL INSTRUCTIONS
- SAFETY
- CYALUME VS. COMPETITION

What advantages bring chemical light devices compared with other light sources?

- ☞ They provide a 360° illumination with a much better area light compared to a simple light beam of a regular flashlight.
- ☞ They are waterproof and may be used under water or in the rain. They are also buoyant.
- ☞ Once activated, they cannot be shut off. They are safe for the environment and are not hazardous wastes.
- ☞ They are non-toxic, non-flammable and do not generate sparks or flames.
- ☞ They do not need either maintenance or batteries.



Don't be Caught in the Dark®

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TECHNICAL INSTRUCTIONS

What are the instructions?	<ul style="list-style-type: none"> ☞ Products are made of two solutions stored separately within each of them. One of which is stored in a very thin capsule. A simple bend, snap and shake of the product breaks the glass capsule, causing the two solutions to mix, chemically react and result in the glow.
Which colours are the most efficient?	<ul style="list-style-type: none"> ☞ The brightness or intensity of the different colors varies with the formulation. This variation is due to the efficiency of conversion of the chemical energy to light. The Orange fluorescer is the most efficient at converting the chemical energy to light. The Green and Yellow fluorescers are the next most efficient. Cyalume Technologies can exercise control over the glow life and intensity or brightness of a device. ☞ Ask us for our different colours and durations, we provide advices adapted to your particular needs and information about light output intensity.
How long can they be stored?	<ul style="list-style-type: none"> ☞ Products have a shelf life from 2 to 5 years according to their specifications. The expiration date is indicated on the foil.
Can the packaging be removed long before use?	<ul style="list-style-type: none"> ☞ Due to the sensitivity to light and humidity, products are to be stored in their original wrapper or casing. Without this wrapper, the device's shelf life can be measured in days versus years with the wrapper.
Can it be turned off?	<ul style="list-style-type: none"> ☞ All Cyalume Technologies chemical light devices, when activated, emit light in a decay curve. The light is brightest at the time of activation. The light emitted decreases in intensity with time. ☞ All products are one-time use only and can not be re-activated after the chemical reaction has finished.
Do temperatures affect them when activated?	<ul style="list-style-type: none"> ☞ Cyalume Technologies devices become dimmer and last longer in the cold. They also become brighter and last for a shorter period of time in heat.

SAFETY

Are the product safe?	<ul style="list-style-type: none"> ☞ Products are safe, non hazardous, non toxic, non-flammable. They are not a source of heat or sparks. They can be used in confined spaces and can be stored in areas, which contain combustible mixtures of gases, or liquids where ordinary sources of light could cause an explosion or fire hazard. Our light rods are ATEX certified. ☞ Working towards a safer environment, we comply with REACH regulation and offer phthalate free products. All certificates and patents available on request.
What happens if a Chemlight leaks or breaks?	<ul style="list-style-type: none"> ☞ This should not happen under normal use but might occur if you continue to bend the plastic once activated. Since the chemicals are non-toxic, they will not cause injury to skin or eyes. In the unlikely event of such contact, rinse thoroughly the affected areas with water. ☞ Please note that chemicals stain durably clothing or furniture.
Are Chemlight® disposable?	<ul style="list-style-type: none"> ☞ Chemlight can be disposed of as household waste. Only waste which meet the regulatory definition of a hazardous waste are subject to the land disposal restrictions. Activated light sticks do not meet the definition of a Characteristic Hazardous Waste and therefore, under the regulations, can be disposed of as a solid waste in solid waste landfills and incinerators unless prohibited by site-specific solid waste facility restriction.

CYALUME VS. COMPETITION

Glowstick, Lightstick or Cyalume®, it's all the same?	<ul style="list-style-type: none"> ☞ No! Cyalume invest in R&D to develop efficient and safer products. Many suppliers use illegally our protected brand names and try to copy our formulations. Our company defends its trademarks and patent-rights, and engage legal actions against all who will infringe our rights. We advise you to make sure that the products you import, distribute or re-sell are not counterfeiting our patents and trademarks.
May I distribute any kind of chemical light devices on the European market?	<ul style="list-style-type: none"> ☞ It is the responsibility of every seller in the EU to ensure that the products they sell are in compliance with EU standards. We would like to draw your attention to the fact that some of the glow products coming to Europe from Asia may contain Dibutylphthalate – “DBP” a chemical prohibited in the EU and therefore may not legally be sold in the European market. We, at Cyalume Technologies SA, are glad to inform you that none of the products that we offer contain Dibutylphthalate but also that our products are becoming phthalate free. Furthermore all substances contained in our articles and subject to the pre-registration according to the REACH regulation have been declared within the granted deadline. Again, it is your responsibility as re-seller to ensure that your suppliers comply with the REACH regulation.
Why should you choose Cyalume Light Technology over other chemical light devices?	<ul style="list-style-type: none"> ☞ Please refer to our “CYALUME COMPETITIVE EDGE” brochure. In this document we expose which advantages in terms of quality, healthy and environmental safety, technological and legal advances we provide.

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The information given is based on our knowledge of the product, at the time of publication. It is given in good faith. Besides, the attention of the user is drawn to the possible risk incurred by using the product for any other use than that for which it was intended.

In no way does this exempt the user from knowing and applying all the regulations controlling his activity. He alone will take on the responsibility for taking the precautions involved by the use of the product. The aim of all the mandatory regulations mentioned is just to help the user to fulfil his obligations regarding the use of hazardous products. This information must not be considered exhaustive. It does not exempt the user from ensuring that other obligations than those mentioned could apply, related to the storage and use of the product, this being his sole responsibility.