

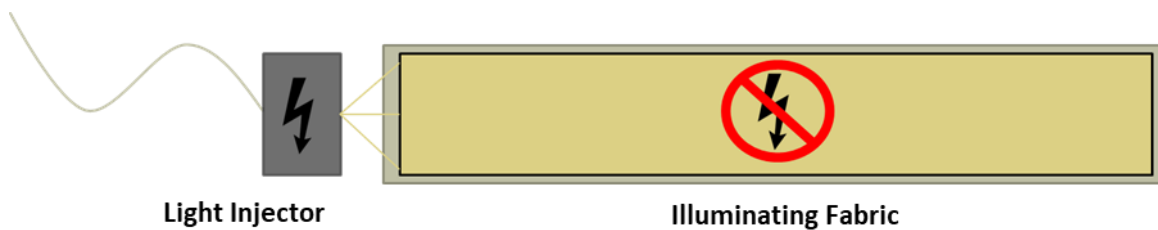
Who came up with this idea?

The CEO of Guardtex, Thierry Plagué, came with this idea following multiple complains from boaters saying they couldn't really enjoy to stay in there boats after the sunset.

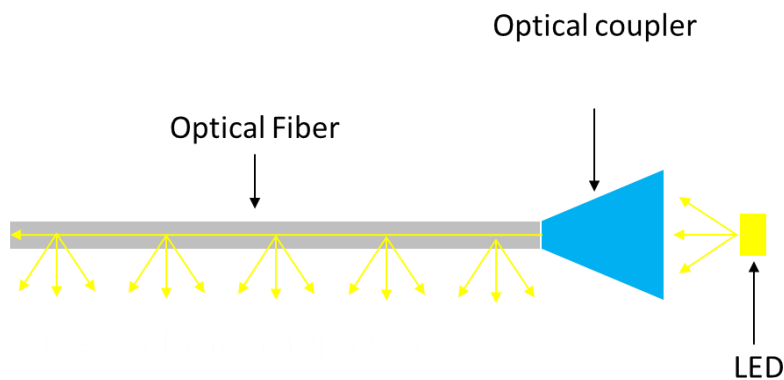
In France, a tradition well known is the "apéritif". It's a moment before dinner when people meet, sit, talk, have a drink, etc... KanvasLight was created to enhance the boating experience by prolonging the usage of the boat.

What is the key technology behind it?

KanvasLight is a technology using the principal of "Light transportation". We use always 2 main components: the illuminating fabric associated with a light injector.



The light injector will create a powerful light using a 600 or 650 lumens LED and an optical coupler. This light will then be injected through the optical fibers weaved in the illuminating textile. No electricity is flowing through the fabric, it is just a matter of light transportation.



The optical fiber is treated in order to let the light escape through thousands of "holes". This phenomenon generates a smooth, non-aggressive, warm light.

For more details, please find attached the product sheet.

How this can be wired into a boat's DC system or external battery?

We offer multiple wiring options but the standard ones are:

USB Port
(Kanvaslight Mini only)



Standard
electric wires



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As we offer two different systems (KanvasLight & KanvasLight Mini), the wiring options can change.

KanvasLight (Standard)- Light injector characteristics:

Power supply 12 VDC 1.2 A i.e. power less than 15 W, to

Power supply 24 VDC 0.6 A i.e. power less than 15 W.

Light intensity: LED 650 lm, Warm white 3000 K.

IP X6.

Weight 17.6 oz

Operating temperature: 5°F to 95°F

KanvasLight (Mini)- Light injector characteristics:

Power supply 5VDC 0.6 A i.e. power less than 2.5 W, or

Power supply 12VDC 0.33 A i.e. power less than 2.5 W.

Light intensity: LED 650 lm, Warm white 3000 K.

IP X6.

Weight: 2.8 oz

Operating temperature: 5°F to 95°F

It can be wired directly to the boat's DC system or external battery depending on what you need/want.

“How long does it last? “

KanvasLight was made to resist to marine conditions. From our experience, in normal usage conditions (not brutal, no scratch with sharp objects), KanvasLight lasts years.

KanvasLight uses the phenomenon of light transportation so the fabric does not get warm at all. In a Bimini top cover, it can last as much as the bimini as long as the client doesn't bend the fibers completely (minimum radius of curvature: 25mm – 1 inch).

“Is there a warranty on it?”

We offer a 2 year warranty on this technology.

“I make the covers out of Sunbrella Marine fabric, How it will work and move with the fabric?

All the pictures you can find on our website are bimini tops manufactured with Sunbrella fabrics. We propose to our clients videos explaining how to integrate it with your fabrics. Basically KanvasLight comes as a second layer below the Sunbrella fabric.

“Where is the battery connected, or the wire for the electricity? “

We do not provide the battery. We provide suggestions of batteries to our clients. That being said, our advice is to wire KanvasLight directly to the boat electric system passing the extension electric wire we furnish inside the poles of the frame.

“Is it mildew resistant? “

KanvasLight is made of PMMA optical fibers and polyester. It resists fine to the mildew.

“How about the temperature it can be in?”

KanvasLight is thermally regulated, so if it is really cold out the system will generate more light intensity whereas at 100°F it will lower the intensity. If it is too hot, the system would simply shut down safely until the weather cools down.

KanvasLight works between: 5°F to 95°F.

“What are the dimensions and costs?”

We offer different length, width: <https://kanvaslight.com/#catalog>

For bimini top applications, we strongly suggest the reference: 3’7” Length by 8” Width (optimized dimensions).

In every KanvasLight Kit we provide:

- The light injector
- The illuminating Fabric
- Extension electric wires of your choice:

USB Port
(Kanvaslight Mini only)



Standard
electric wires



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- Integration Manuals + Videos of integration into a bimini top:
<https://www.youtube.com/watch?v=oMzadRGwTDE>
- Sewing Templates.
- Support (for a 10 units order (Reference 3’7” x 8”) we offer to come to your factory to realize the first integration with you).

You can find further details in our website regarding the options and dimensions.