

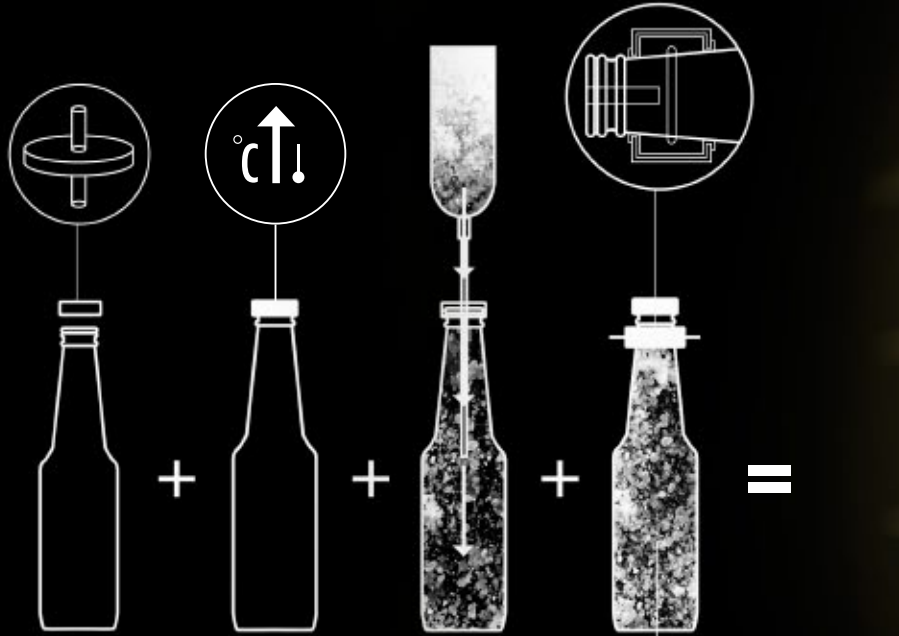
LEB  
LIGHT EMITTING BOTTLE

# LEB

LIGHT EMITTING BOTTLE

The main design-item we present within this lines is a revolutionary façade covering or all-around covering which deals in a detox manner with sustainability, economics and ecology. All in all, de constrain a daily basis product from a primary use into an infinite use.

First ideas focus upon the revolutionary way of giving shelter. illuminated bottle modules create what we called a LEB, a light-emitting-bottle surface. We transform each bottle into a PIXEL that we control in order to fur a multimedia-façade. Our product can apply to signage, architecture, scenography, public furniture....



Building up the element would consist in two phases, first of all, bottle treatment, when the bottle is heated uniformly in order to avoid a thermal crash, sodium borate is left in the neck of the bottle, so that the piece can be placed properly (glass fusion temperature becomes low). It contains a small piece of silicatum borum made out of glass for the absorption and ulterior gas and/or steam injection. The piece and the bottle must have the same chemical composition. Once the gas and/or steam are inside, the tiny piece is heated and the bottle is closed with a perfect finish.

Energy reaches the bottle with a radio signal and it is guided towards an electric area that surrounds the bottle. The energy that rests in the electric area gets hot and provoke what is called as plasma (the bottle is filled with some predetermined substances).



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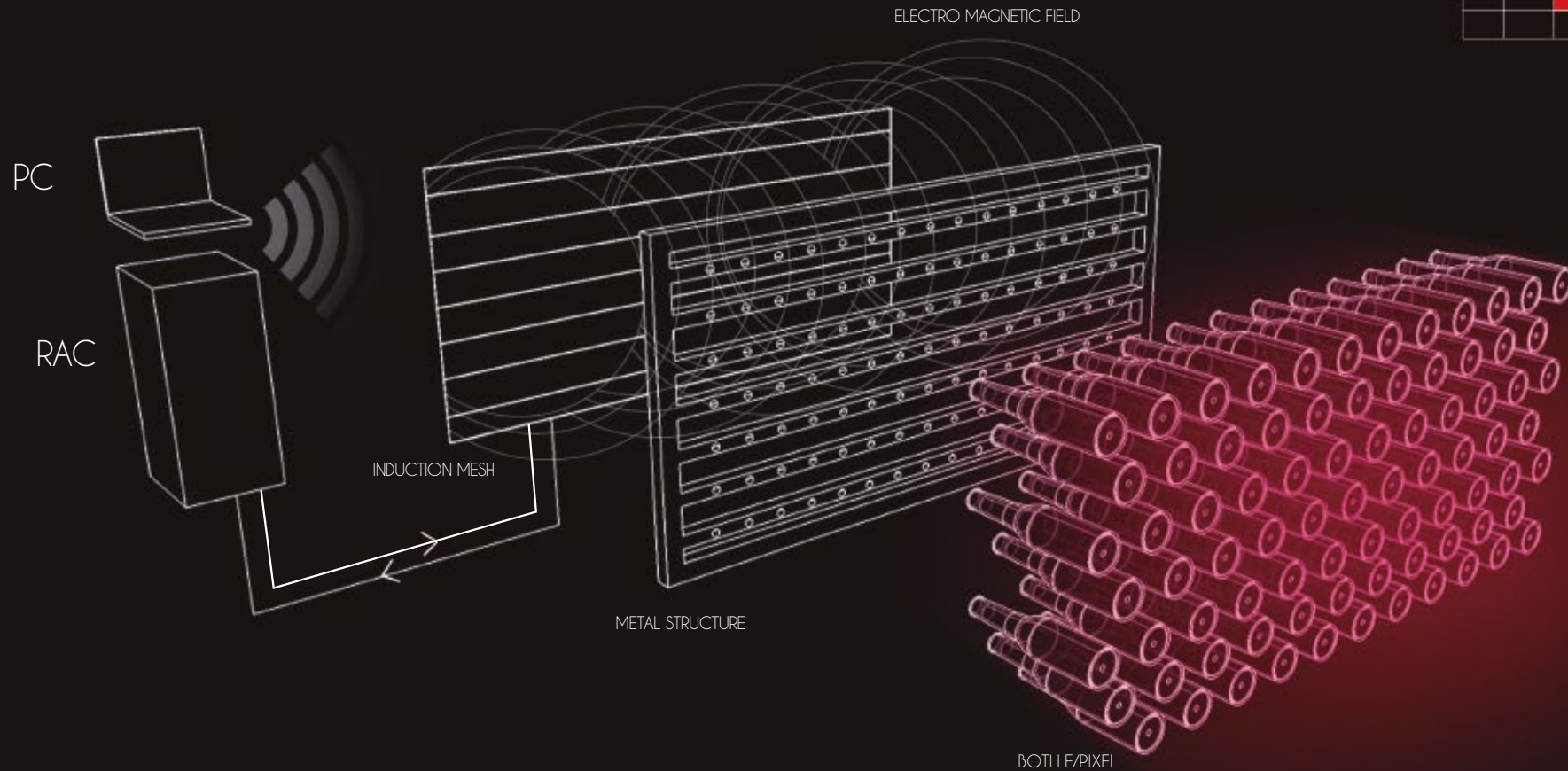
We produce with below-average consuming energy sources.

The kind of light we provide relies in the electric-releasing bulbs that are so efficient, long-term resistant and intense (ten times normal products and twice leds).

The light that shines inside the bottle is a "cold plasma" light at high voltage

low intensity and pressure that has a lot of durability. Our light is very intense and white and it's spectrum is similar to sunlight's spectrum. moreover it's mercury steam free.

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The energy that rests in the electric area gets hot and provoke what is called as plasma. The bottle is filled with some pre-determined substances) electric connections between the bottle and the electric supplier are not necessary. One of the great advantages resulting from the use of these elements is that they

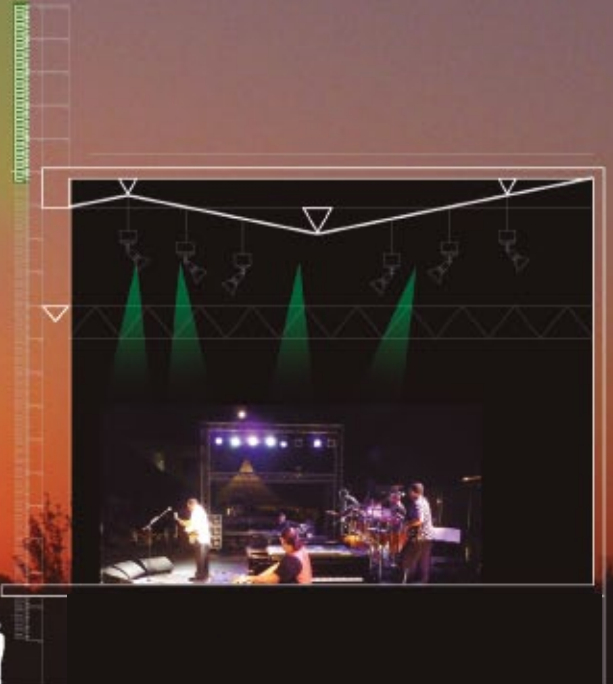
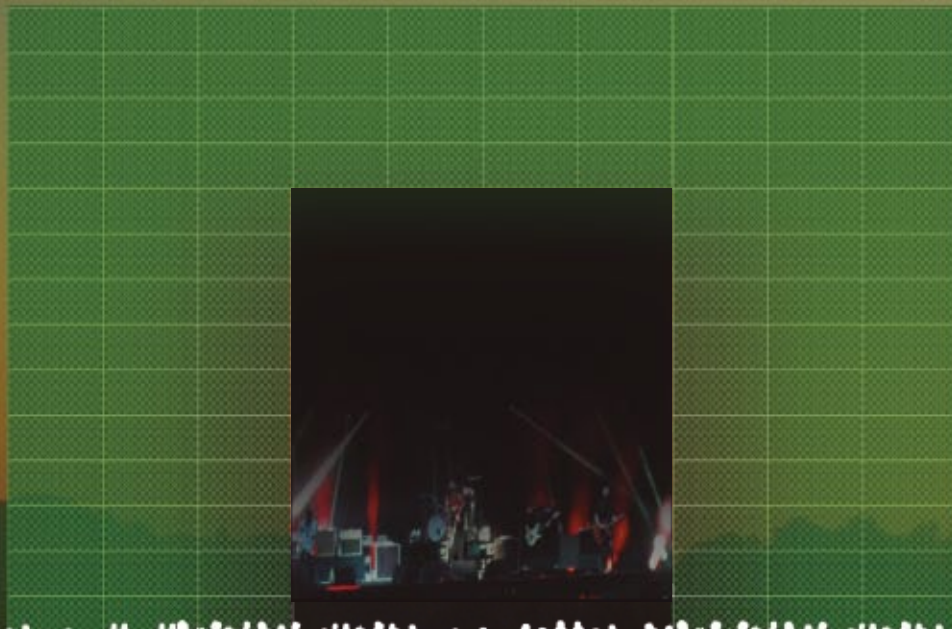
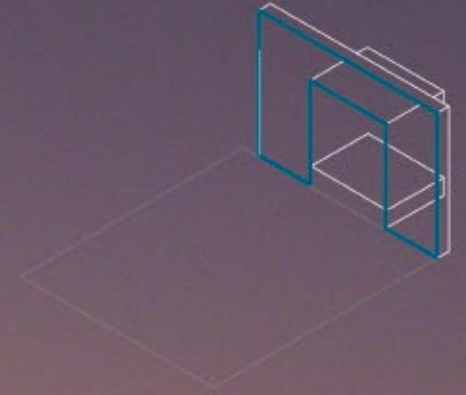
avoid electrodes getting into the bottle. Only a tiny wire goes into the bottle. Normally you would have to put extra elements into the bottle but thanks to our system we provide an electric field that reaches the bottle wirelessly.



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# LEB

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- 1 Frame metal
- 2 Neoprene band
- 3 Metal conductor
- 4 Noble gases / vapours
- 5 Glass lid
- 6 Sodium Borate or Sodium Tetraborate
- 7 Borosilicate glass

