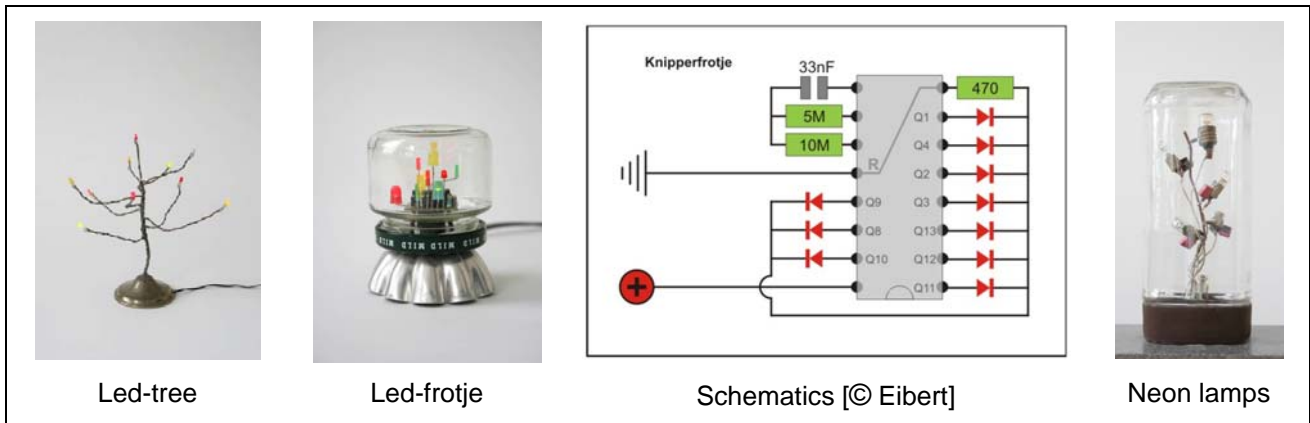


# Knipperfrotjes

Eibert Draisma 1987-present



Led-tree

Led-frotje

Schematics [© Eibert]

Neon lamps

## History

A “knipperfrotje” is a small night lamp consisting of a few LEDs (Light Emitting Diodes) run by a very basic electronic circuit. Each LED switches off and on at its own interval speed, resulting in enchanting, soothing light effects.

Eibert Draisma created the first knipperfrotje in 1986 and since then he has created hundreds of them in many shapes and variants.

Most knipperfrotjes are built inside a jar, but some of them are figures or are tree-shaped.

Knipperfrotjes are the living proof that cool electronic products (with an extremely long life expectancy) can be made using only very limited materials.

## About knipperfrotjes

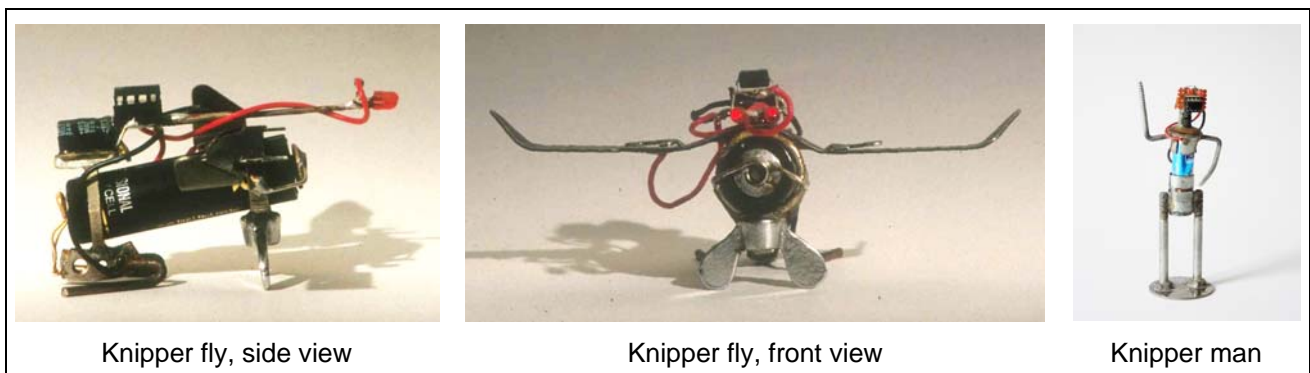
- Knipperfrotjes are built to knipper;
- A knipperfrotje brings happiness and calmness;
- Knipperfrotjes are made (exclusively by Eibert Draisma) one by one; each knipperfrotje is unique;
- Knipperfrotjes can only be bought from Eibert Draisma;
- Immediately(!) after receiving your knipperfrotje (or as soon as you are at home), place your knipperfrotje next to your bed and switch it on: knipperfrotjes may never be switched off, let alone (temporarily and as short as possible) in case of a removal (some of them were switched on more than 15 years ago);
- The life expectancy of a knipperfrotje is over a hundred years;
- Power consumption by a knipperfrotje is negligible.

## Empty-my-batteries-knipperfrotjes

(the only type of knipperfrotje that –as a result of a completely emptied battery- may be “off” temporarily)

Place an “empty” battery in your “Empty-my-batteries-knipperfrotje” and enjoy! At least three months!

When your “Empty-my-batteries-knipperfrotje” doesn’t knipper anymore, you can be absolutely sure your battery is *really* empty.



Knipper fly, side view

Knipper fly, front view

Knipper man