Scientists have come up with glowing OLED tattoos

Unfortunately, the mass product is still far away.



European scientists have shown glowing tattoos. They are equipped with OLED lighting, which is used in mobile devices.

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There are a lot of areas of use: sports, health care, industrial production, and so on. For example, a tattoo embedded under the patient's skin can be combined with light-sensitive therapy to target cancer cells, and athletes can monitor the body's performance.

The tattoos themselves are insanely thin -2.3 micrometers. The polymer layer is located between a pair of electrodes and on top of the insulating layer, which is glued to ordinary tattoo paper. That is, you can transfer glowing tattoos to the skin as in childhood: you attached a picture, moistened it with water and held it. It is just as easy to wash them off, you only need water and soap.

At the moment, glowing tattoos work only when the current is applied, that is, scientists have failed to make them autonomous. It was not possible to place them somewhere other than human skin.