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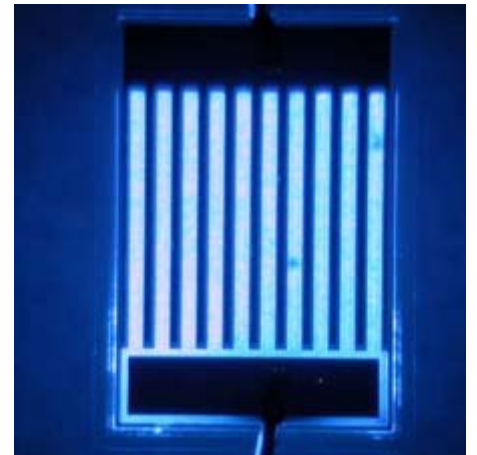


Shedding light on UVLED technology

Scientists at Strathclyde University are developing technology that could bring Ultra Violet Light Emitting Diodes (UV LED) into everyday use.

UV LEDs have the potential to change the way we live and have a wide variety of uses from sterilizing food, water and medical devices to providing reliable non line of sight communications.

While UV LEDs themselves are already on the world market, up until now the casing, which protects them and directs and refracts the light, has been too expensive, bulky and inefficient for mass production.



However, the Institute of Photonics and the Chemistry Department at the University have been working together to develop an inexpensive, mouldable polymer that could allow the technology to come into every day use.

“Traditional LEDs are the unsung heroes of the technological world with more than 500 million produced each month. The UV version is the LED’s more versatile cousin and has huge and exciting potential,” said Simon Andrews, business development manager for the Institute of Photonics.

“We have now developed a functional polymer in the lab and there are no major barriers to getting it onto the market.”

For more information on the technology and potential licensing opportunities, contact Simon Andrews at: simon.andrews@strath.ac.uk

Find out more at [the Institute of Photonics website](#).

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