

The germ-killing light that cleans the air in hospitals



THAT'S THE PROMISE OF A NEW LUMINAIRE DEVELOPED IN ITALY, WHICH NOT ONLY FINE-TUNES ITS LIGHT TO KEEP OUR BODY CLOCKS IN SYNC, BUT ALSO KILLS BACTERIA"

Fairwind in collaboration with Artelight, developed the lamp through Lighting for People's open innovation programme organised by the Luce in Veneto consortium. A survey of health professionals revealed that one of the top concerns when choosing light fittings was infection control.

HOW IT WORKS

The H-Lamp contains visible light LEDs and UV LEDs behind a diffuser coated in titanium dioxide (TiO₂). The UV stimulates the TiO₂ molecules. As air passes over the diffuser, the pollutants and bacteria are broken down into harmless substances.

The other LEDs emit visible light from Cool to Warm. More energy savings can be made by dimming when there is no need for the maximum illumination level/light output.



+ info: <http://lightingforpeople.eu>

For further information,
please contact info@ssl-erate.eu

PARTNERS

