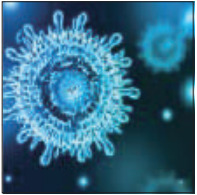




UVC DISINFECTION LIGHTS

Ultraviolet Sterilisation,
Disinfection

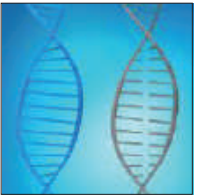
WHI SAFE[®]
GUARD



THE PROBLEM

Your health depends on your surroundings. If you live and work in clean, infection-free environments, then you're protected from exposure to viruses, germs and other pathogens. This is particularly important for vulnerable people, such as hospital patients and those with underlying health conditions. During the COVID-19 pandemic, disinfection is an essential part of our defence against the virus.

Combating COVID-19 requires the right set of weapons, and UVC disinfection is an essential part of our armoury. It helps to neutralise viruses and other pathogens before they can enter our bodies.



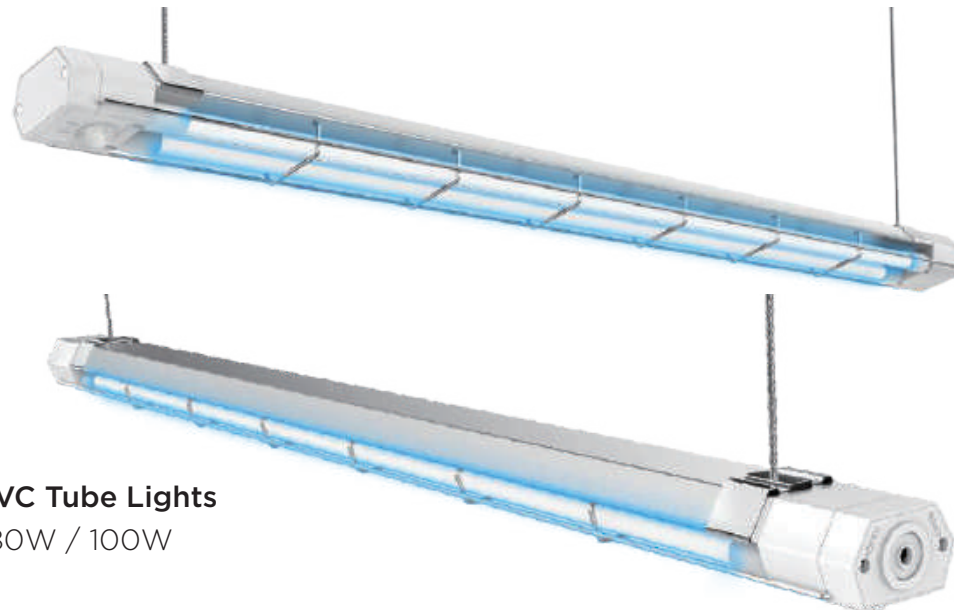
THE SCIENCE

UVC radiation is short-wave ultraviolet light. Since it was discovered in 1878, it has been widely used as a disinfectant tool in hospitals, aircraft, and even water sanitation. It's a natural part of sunlight, but gets filtered out by our atmosphere. This is a good thing, because UVC breaks down the RNA and DNA in living cells, destroying their ability to reproduce. This can be harmful to humans, but it also makes an effective weapon against pathogens. With targeted UVC disinfection lights it's possible to safely use this radiation as a tool to protect against viruses, bacteria, and other microbes.



THE SOLUTION

Our UVC disinfection lights provide a cost-effective and reliable way to control pathogens, killing 99.99% of all known micro-organisms. Targeted UVC radiation quickly disinfects surfaces, PPE, and other inorganic objects, without the need for labour-intensive manual cleaning. The high-quality UVC lights that we provide are perfect for purifying water, air and surfaces in residential and commercial facilities, including sensitive environments such as healthcare.



U12 - UVC Tube Lights

60W / 80W / 100W



SAFE UVC DISINFECTION

UVC radiation is a widely-used method for destroying pathogens. However, if not used carefully, UVC can be dangerous. Workplaces that install UVC disinfection lights must be aware of these dangers, and work to mitigate them. Our range of UVC lights features multiple safety features, allowing them to integrate easily into any workplace.



Natural UV Radiation

Ultraviolet radiation occurs naturally in sunlight. The Earth's atmosphere filters out the shortest wavelengths, so only less harmful medium and long-wave UV radiation to reach us. In high doses this can still be damaging, but this is what causes us to tan (and burn) in the sun. Shortwave radiation, which doesn't reach us, is known as UVC. It breaks down the DNA of cells and stops them from reproducing, so it's good for us that the atmosphere filters it out.



UVC radiation is a very controllable disinfection technique, which means it's safe to use in almost any workplace. We combine passive infrared and microwave sensors to identify movement anywhere near the light's illumination area. If personnel move too close to the UVC light, it will automatically shut down.

Our UVC disinfection lights are also fully remote-controlled. This allows workers to activate or deactivate the disinfection lights from a safe distance. That makes installing UVC disinfection in your workplace easy and safe.



UVC PRODUCT RANGE

Our disinfection lighting products are versatile, high-quality, affordable and reliable. Our U10 and U12 lights offer powerful UVC disinfection capabilities to suit a wide range of uses. Built-in safety systems, high production quality and a 1-year warranty make these products the ideal solution for your workplace.

Disinfection on demand: These easy-to-use UVC lights provide instantaneous disinfection whenever it's required. No preparation or equipment is needed; simply turn on the light to begin disinfecting.

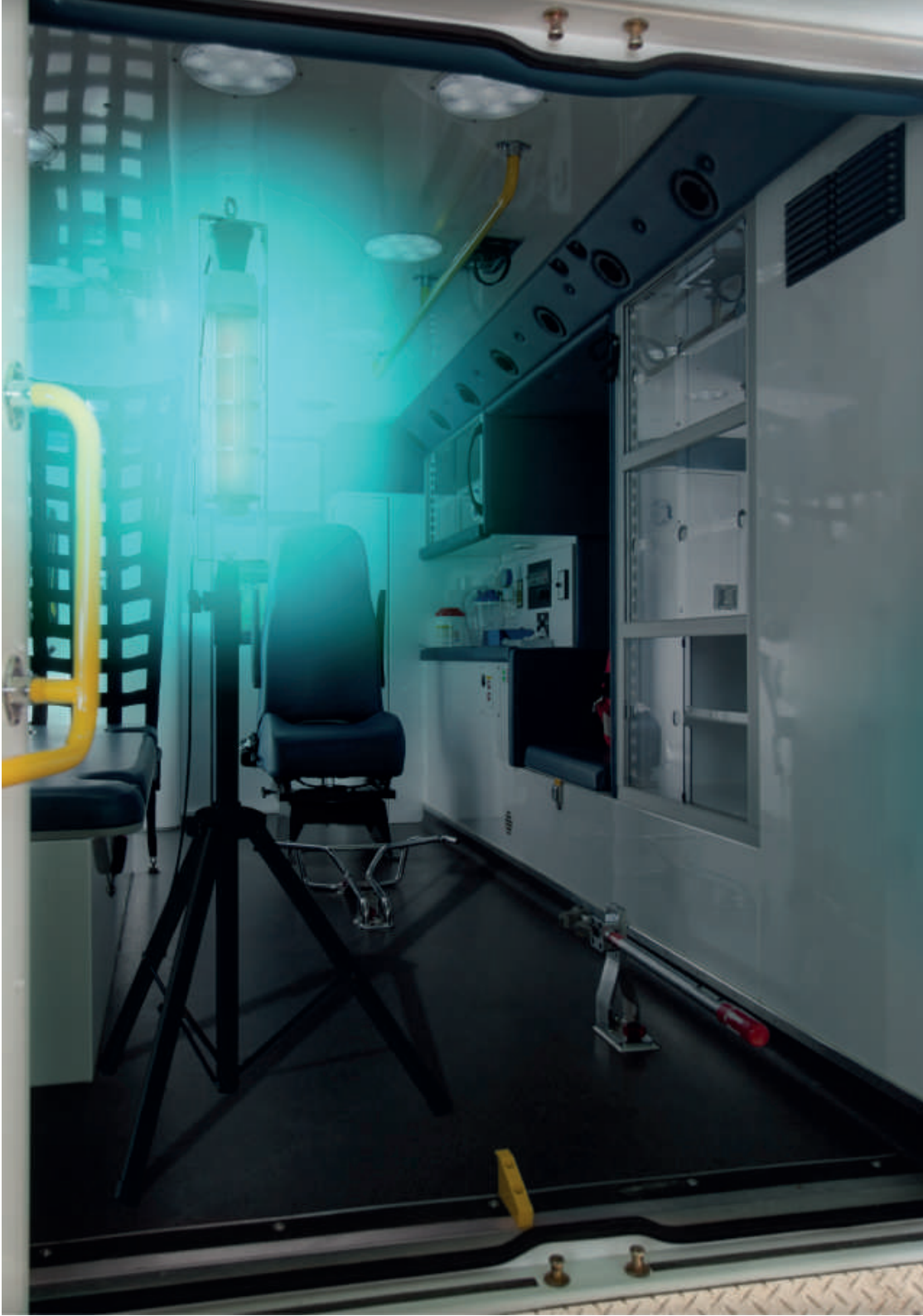
High-quality construction: All our UVC disinfection lights are built to a high standard and come with an estimated service life of 9000 hours.

Remote control operation: Our UVC lights are supplied with infrared remotes, allowing users to manually activate or deactivate the lights from a safe distance.

Powerful safety sensors: 3D sensors detect motion nearby, and the light deactivates before users are exposed to UVC radiation. Variable hold times allow control over when the light reactivates, and a 20-second warning ensures users are not accidentally exposed to UVC radiation.



U10 - UVC Corn Lights
60W / 80W



UVC PRODUCT RANGE

Range of applications: These disinfection lights are ideal for a wide range of purposes, from treatment rooms and medical usage to retail, office and industrial applications

Fully laboratory-tested: Our UVC disinfection lights go through rigorous laboratory testing to ensure they're effective and safe to use. UVC radiation is tightly focused in the highly-effective 254nm band, and diffusion is kept to a minimum to prevent unwanted exposure.

Internationally certified: U10 and U12 are fully certified for use in the EU and USA. In addition, both U10 and U12 lights can be supplied for either 85-135V or 200-305V.

Flexible mounting: U10 and U12 lights can be easily installed in a variety of ceiling and wall locations. The U10 Corn Light may also be supplied with optional eyebolt or tripod mounts. This allows mobile UVC disinfection wherever you need it.



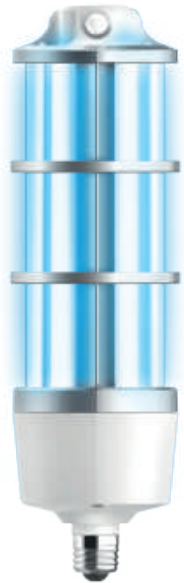
UVC PRODUCT RANGE

Range of power options: UVC disinfection lights are available in a variety of power levels, providing effective coverage for different surface areas.

Trusted manufacturer: We produce high-quality lighting equipment for commercial clients. We're a trusted contractor for many major businesses, who rely on us to deliver top-quality lights for their premises.

Affordable pricing: We combine excellent quality with competitive pricing. Both U10 and U12 lights are available at very affordable rates.

To find out more about our UVC disinfection lights, or to place an order, please contact us today.



www.whisafeguard.com

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