

# Lights on, lights safe

The Italian company specialising in interior lighting will be at the CSD with new models of spotlights and lamps, but also with an efficient system for sanitising rooms using UV rays.

*Words Renato Antonini*



*Led sanitization for surfaces*

**D**espite the health emergency, Ofolux will be at the trade fair with its own stand, obviously with all due precautions and in compliance with all safety regulations, to confirm its growing activity in the RV sector. It has been more than twenty years since Ofolux entered the motorhome sector, strong of its experience in the automotive sector with interior lighting solutions for buses, ambulances and special vehicles.

*"We decided to attend the CSD because we believe that in this unique day and age it is important to support the industrial RV sector and to be close to motorhome*

*builders", said Cristina Oblatore, owner of OFOLux together with her brother Luca. "This year, we do not want to miss it and we fully trust in the measures that the organisers are taking. The health emergency has certainly harmed our business as well, but the situation has not been uniform. The COVID-19 crisis has been felt in some areas where we operate more than others. The ambulance sector, for which we have been working for decades, has not stopped. On the contrary, demand is on the rise. Other sectors, including the RV sector, stopped for a few weeks and then gradually restarted. Given the emergency*

*health situation, at the CSD we will also be presenting special products for sanitisation specifically designed to eliminate the risks of virus infection."*

### Sanitising lamps

Ready to respond to the various needs of the market, during the COVID-19 emergency OFOLux has developed a series of lamps designed to sanitise air, water and surfaces to combat viruses. UV LED lamps are effective on pathogens by breaking down the DNA chain and preventing the multiplication of the virus. Imagining application in water tanks on RVs, OFOLux kicked off a

## Advanced UVA/UVC led sanitization

### Water

UVC LED spot with minimum overall dimensions, capable of destroying pathogenic microorganisms in a very short time and eliminating 99% of bacteria, moulds, yeasts, protozoa and viruses that may be present in the water



### Air



Disinfection using LED UVA + Titanium Dioxide Photocatalytic filter. This product can be placed over the A/C intake grid and is suitable as OE or Retrofit solution.

### Surfaces

Spot in UVC LED technology specifically designed for the sanitization of surfaces in the Automotive environment. Thanks to the radiation emitted (277 nm), it effectively eliminates biological impurities such as viruses, bacteria and pathogens present on surfaces.





Art. 90U S.T.



Art. 92 S.T.

Article 92 and Article 90, already available with flexible chrome-plated arm, are now also available with soft-touch coated arm, in white, black or on request. They are also available with 2A USB port integrated into the base. With regards to recessed spotlights, the new Article 1031 diffused light is an evolution of the previous models and is IP67 protected, so thanks to its watertight seal it can also be installed in bathrooms and shower cubicles. The projection is only 2 millimetres and the finish can be white, black or chrome. The larger size circular spotlight with three or six LEDs is called Article 2020. It is available in various colours.

OFOLux has also developed a touch switch system in Master & Slave version. Switching on the master spotlight will automatically switch on up to four additional connected spotlights (slaves). Also noteworthy is the new mirror ceiling light with quick-release injection moulded frame.

*"This new ceiling light was developed exclusively for a customer and testifies the possibility of OFOLux to develop custom products thanks to 100% in-house engineering and production",* explained Key Account Manager Andrea Emanuele.

specific laboratory tests programme. The result is a UVC spotlight applied to the water tank. Other lamps were developed to sanitise the passenger compartments.

*"The air is sanitised through a system of filters equipped with UVA LEDs",* explained Luca Oblatore. *"The LEDs irradiate the ceramic filters with titanium dioxide and a chemical reaction develops. The UVA LED irradiates the filters and releases harmful radicals that convert back into carbon dioxide and oxygen. A sort of cloud is emitted that eradicates viruses and bacteria.*

*This system can be kept in constant operation, even in the presence of people, to act optimally and keep the air always clean. We designed this system to sanitise the air in passenger compartments, especially on public transport, such as buses. It is suitable for all vehicles, including motorhomes, and can be customised according to the volume to be sanitised, because it is designed to be*

*modular".*

UVC lamps are provided to sanitise the surfaces. Surfaces can be sanitised without using chemicals, avoiding expensive maintenance, and the electrical consumption of LEDs is extremely low. There are two models of lamps, one with a 100-degree radius and the other with a 120-degree radius.

*"It is an evolving system. We are expecting to receive the test report in a few days time and it could have an interesting application also on rental vehicles",* concluded Luca Oblatore.

#### New interior lights

In addition to special applications, OFOLux has expanded its range of products for interior lighting of RVs with newly designed spotlights and ceiling lights. Particularly interesting are the spotlights with flexible arms in various lengths and different types of lighting.



Art. 2020 Master & Slave

Below: Art. 90U with Soft-Touch arm and USB 2A



Art. 1031 IP67