




OFFER

UVC CareCOMM DISINFECTING LUMINAIRES

Luminaire models

 <p>OFFICE series</p>		 <p>INDUSTRY series</p>		 <p>Download the catalog sheet</p>
OFFICE - 20W	OFFICE - 40W	INDUSTRY - 20W	INDUSTRY - 40W	

Product description

Professional CareCOMM luminaires from the Office and Industry series, manufactured by COMMLED for disinfecting utility surfaces for various purposes in medical facilities, production halls, offices, restaurants, hotels and many other places where the risk of remaining and the spread of viruses and bacteria is high. Due to the use of short waves from the range of ultra-violet light (UV C, 100-280 nm) in LED technology, disinfection is directed to a specific surface. UV C light through the penetration of bacterial cell membranes and viral capsids, damages the structure of DNA and RNA, which prevents protein synthesis, and consequently reproduction and virulence. This is a disinfection method that is up to 99% effective, which means it is as effective as disinfectant.

Product Advantages

- uvc sterilization efficiency up to 99%
- high UV radiation efficiency
- "on and off" cycle resistance
- directed UV flux
- motion sensor - immediate shutdown of the luminaire
- specialized iris diaphragm that guarantees UV penetration
- possibility of using a remote proprietary control system
- unique diodes with a wavelength of 265 nm
- european components
- polish product


Application

- medical facilities: hospitals, doctor's offices, pharmacies
- commercial facilities: shops, galleries, sales points
- public facilities: schools, theaters, cinemas, offices
- sports facilities: cloakrooms, gyms, bathrooms
- industry: warehouses, production halls, mines
- commercial buildings: offices, reception desks
- food industry: bakeries, meat factories, processing

Basic parameters

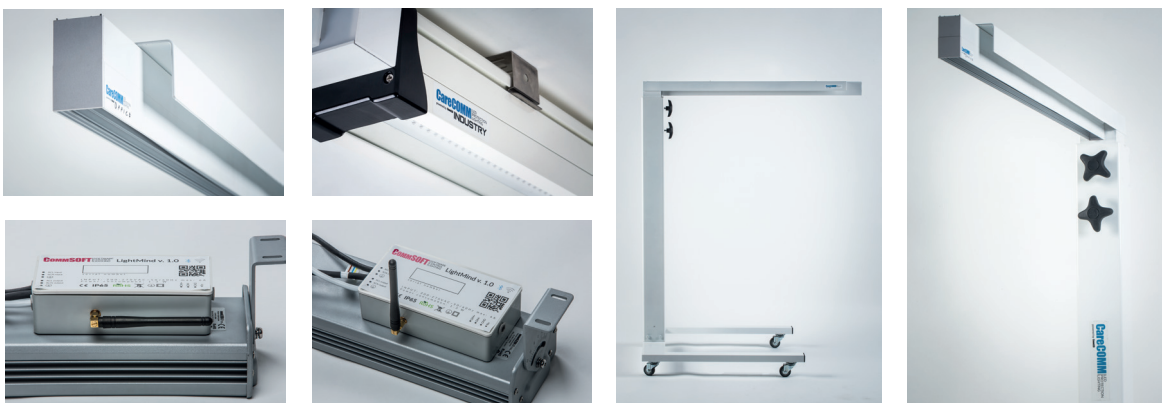
Model	Office - 20W	Office - 40W	Industry - 20W	Industry - 40W
Rated power	20W	40W	20W	40W
UVC radiation	300mW	600mW	300mW	600mW
Beam angle	110°	110°	140°	140°
Power supply	AC 100-250V, 50/60Hz	AC 100-250V, 50/60Hz	AC 100-250V, 50/60Hz	AC 100-250V, 50/60Hz
Power factor	>0,9	>0,9	>0,9	>0,9
Tightness class	IP20	IP20	IP44	IP44
Dimensions	600 x 60 x 33	900 x 60 x 33	615 x 74,5 x 59	915 x 74,5 x 59
Weight	1 kg	1,3 kg	3 kg	3 kg
Warranty	up to 5 years	up to 5 years	up to 5 years	up to 5 years

Elements of the system

	<p style="text-align: center;">LightMind industrial lighting control system by COMMSOFT</p> <p>For safety reasons of the CareComm luminaire user, CommLED proposes the use of proprietary remote luminaire management system: LightMind by CommSOFT. The system allows remote management of a group of luminaires and setting the operating time without having to contact the luminaire. The solution is dedicated for installing more luminaires, ideal for managing a group of luminaires e.g. in commercial facilities (ticket offices), schools, office buildings.</p>	 Download the catalog sheet
	<p style="text-align: center;">Mobile UVC exposure system</p> <p>The possibility of moving the CareCOMM fixture is one of the basic advantages of conducting the UVC light disinfection process, both of space and objects. The free location of the luminaire allows it to be used in several places and sterilization, e.g. several rooms, and the variable height of the luminaire increases efficiency. The modern design of the system construction permanently fits into the architecture of office and medical facilities, etc., increasing the safety of users.</p>	 Download the catalog sheet
	<p style="text-align: center;">Intelligent WiFi socket</p> <p>With the help of an intelligent socket it is possible to control a single luminaire while maintaining safety rules. Remote settings using the phone application will allow you to safely set lighting time and working hours, e.g. at night</p>	 Download the catalog sheet
	<p style="text-align: center;">A motion sensor</p> <p>Compatible with CareCOMM luminaires and LightMind motion detector. It allows you to immediately stop irradiation with UVC radiation when any human or animal activity is detected within the irradiation range. This allows you to maintain the highest safety standards associated with UVC disinfection.</p>	 Download the catalog sheet

Usage method

- Turn on the luminaire and disinfect the space and objects for about 1-3 hours.
- It is suggested to use a remote option to turn on the luminaire. Configure the runtime via: a socket or a control system.
- If a mobile system is used, the luminaire should be installed in a stand and then connected to the power supply.
- Observe the safety rules and avoid contact with the luminaire.



Contact

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WARNING

During sterilization, make sure that in a sterilized room there are no people, animals and plants.

Avoid physical and visual contact with the operating UVC luminaire