

# UV-C STERILON

Family of portable disinfection luminaires

Light in the fight against  
viruses and bacteria

NEUTRALISATION

**99,9%**

VIRUSES / BACTERIA / FUNGI



Light  
**UV-C**

**UV-disinfection** technology has been known for about a hundred years and used mainly in medicine. However, its scope of application is much wider. UV-C luminaires emitting ultraviolet

light are **one of the most effective devices** capable of removing **viruses, bacteria, fungi** from the surface or destroying the DNA or RNA of any exposed microorganisms.

**Exposure to ultraviolet light is an effective, convenient, cost-efficient and ecological method of disinfection:**

- it does not require human labour
- It does not require the use of chemicals – generating savings
- It is environmentally friendly – minimises the use of chemical disinfectants



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# UV-C STERILON

## direct disinfection

The UV-C STERILON portable direct disinfection luminaire is designed to disinfect surfaces and objects. When using it, you must not be in the illuminated room.



Depending on its power, you can disinfect spaces of varying sizes, but only those within the range of the luminous flux. With its **low weight** and **the handle** the luminaire can be **quickly moved** by anyone. Therefore, even if there are different niches in the

room that the light – directed onto most surfaces – does not reach, after a dozen or so minutes it is enough to moved the luminaire and repeat the exposure process.

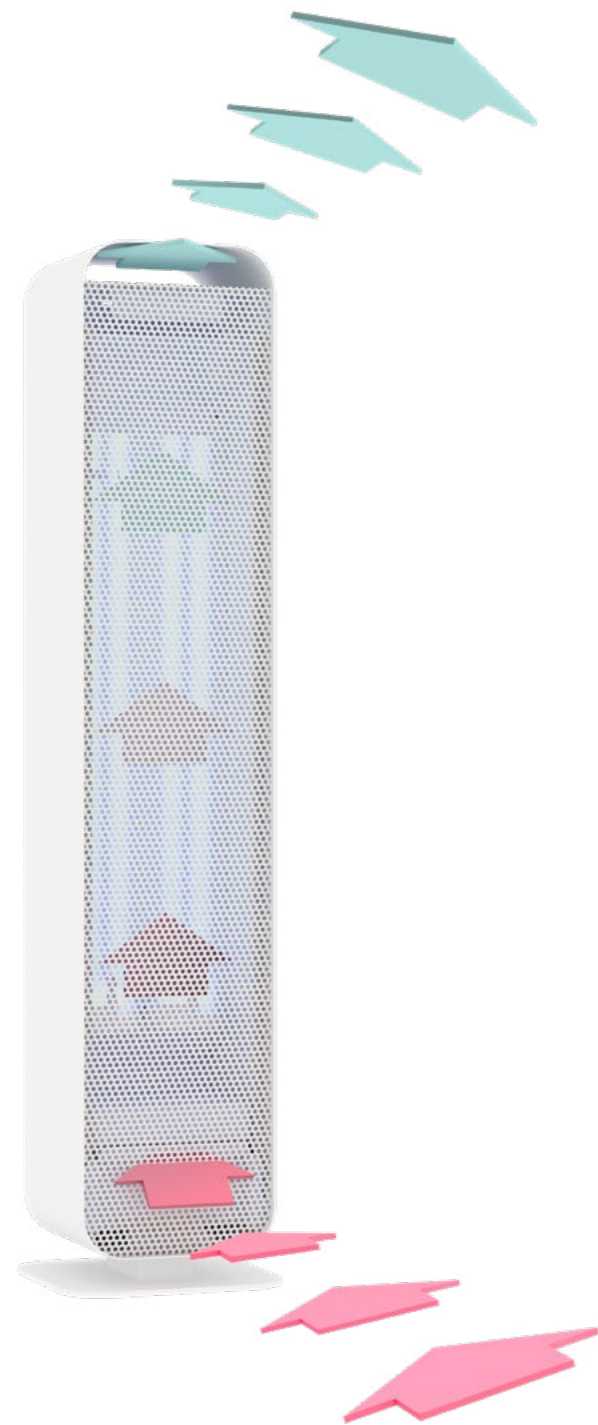
During the disinfection process it should be noted that luminaires of different power have different ranges.

- 108 W luminaires – space up to 35 m<sup>2</sup>
- 72 W luminaires – space up to 25 m<sup>2</sup>
- 36 W luminaires – space up to 15 m<sup>2</sup>



# UV-C STERILON FLOW

air flow disinfection



The process of air disinfection consists in irradiation of the air flowing through the interior of the lamp with UV-C rays.

Thanks to stimulated circulation, the air passes through the disinfection chamber, where it is exposed to the light and sterilised, and then pushed out into the room.

UV-C rays do not get outside the luminaire, making this product ideally suited to places occupied by many people.

## Even more possibilities

additional option  
of direct disinfection



UV-C STERILON FLOW 72 W and UV-C STERILON FLOW 144 W luminaires are equipped with removable covers for fluorescent lamps. Thanks to this, after their removal, the luminaire can be used for direct disinfection (one- or two-way). All safety rules regarding the use of direct floodlights emitting ultraviolet light should be observed, and in particular no one should be in the disinfected room.

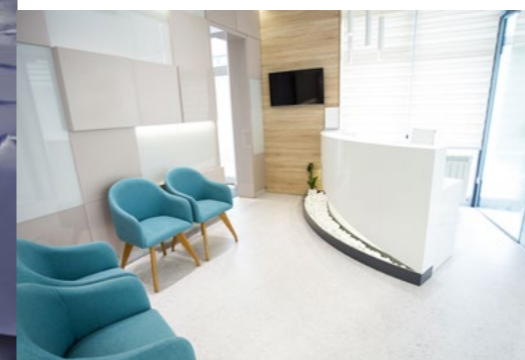


# Direct DISINFECTION

different places, one goal

Direct disinfection works wherever you need to quickly, conveniently and effectively remove harmful microorganisms from the surface.

It is worth using it both in medical and cosmetic or educational facilities. Perfect for restaurants and hotels.



You can stay  
in the room

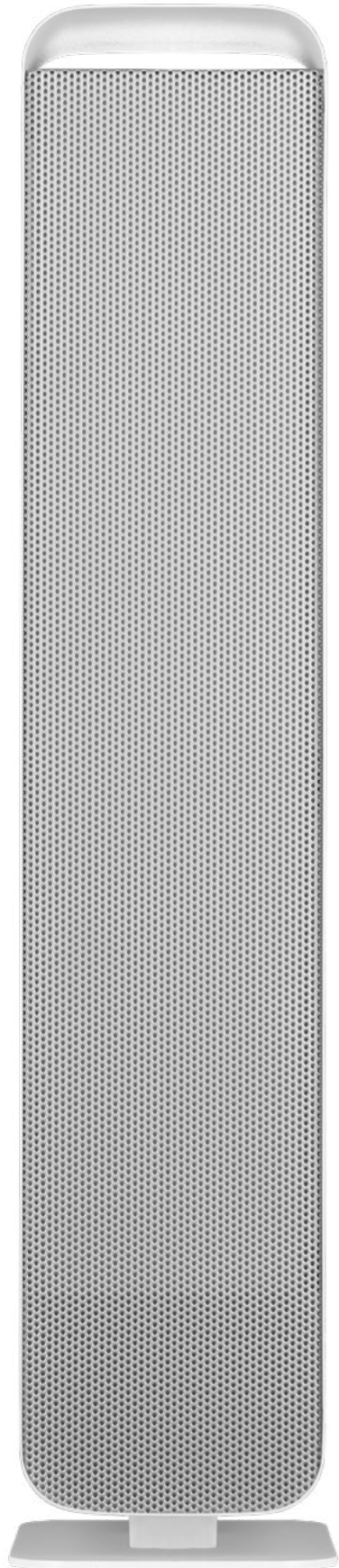


## Air flow **DISINFECTION** different places, one goal

Air disinfection is designed for rooms where people are constantly present and there is a need to clean the air of harmful microorganisms.

It is worth using it both in medical and cosmetic or educational facilities. Perfect for restaurants and hotels.





# Quick and effective disinfection with UVC light!

## **Air flow disinfection (air)**

1. Place the luminaire in an appropriate place in the room to be disinfected.
2. Depending on the luminaire power, the flow is 110, 160 or 200 m<sup>3</sup>/h.
3. There may be people in the room. They can move freely and do not need protective clothing.
4. We recommend ventilating the room every 4 operating hours of the device.

## **Direct disinfection (surface)**

1. The light must be directed onto the surface to be disinfected.
2. The UV-C light source should be positioned as close as possible to the surface to be disinfected.
3. Approximate exposure time is 15 min.

## **Remember** that during direct disinfection:

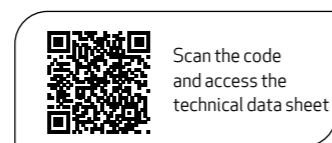
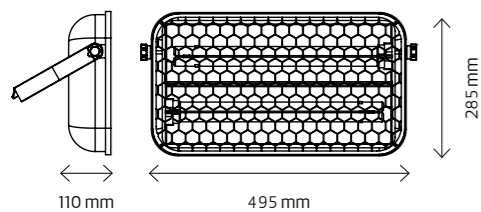
1. Objects placed in the shade, where the UV-C rays cannot reach, will not be disinfected.
2. After turning the luminaire on, you cannot stay in the room. When turning it on/off, use protective glasses and wear long-sleeved clothing and gloves.



# UV-C STERILON 72 W/108 W



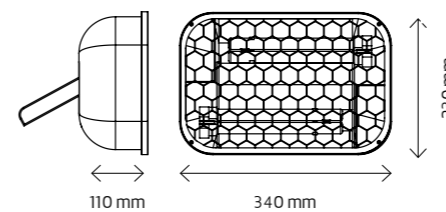
- Body colour: white
- Disinfection efficiency: 25 m<sup>2</sup> (72 W) 35 m<sup>2</sup> (108 W)
- Light source lifespan: 9000 h
- Approximate disinfection time: 15 min
- Type of light: UV-C
- UV-C wave length: 253.7 nm
- Supply voltage: 220-240 V
- Ingress protection class: IP 20
- Power cord 5 m
- Multi-position arm
- Can be mounted on Future Stand
- Additional option: ON/OFF switch
- Can be hung on the ceiling



# UV-C STERILON 36 W



- Housing colour: white
- Disinfection efficiency: 15 m<sup>2</sup>
- Light source lifespan: 9000 h
- Approximate disinfection time: 15 min
- Type of light: UV-C
- UV-C wave length: 253.7 nm
- Supply voltage: 220-240 V
- Ingress protection class: IP 20
- Power cord 5 m
- Multi-position arm
- Adapted for mounting on a multi-purpose stand
- Additional option: ON/OFF switch
- Can be hung on the ceiling





# UV-C STERILON FLOW 72W MONO



- Air flow disinfection function
- Type of light: UV-C ultraviolet
- Colour: white
- Air flow: 110 m<sup>3</sup>/h
- Dust filter
- Compartment for a HEPA filter
- Light source lifespan: 9000 h
- Supply voltage: 220-240 V
- UV-C wave length: 253.7 nm
- Ingress protection class: IP20
- Power cord: 3 m
- ON/OFF switch
- Additional accessories\*: wheels, HEPA filter, occupancy sensor switch, timer activating the luminaire for a specified time with an additional safety sensor, operating time counter.



Scan the code  
and access the  
technical data sheet

# UV-C STERILON FLOW 72W



- Air flow disinfection function
- Direct surface disinfection function
- Type of light: UV-C ultraviolet
- Colour: white matt body, galvanised silver front
- Air flow: 160 m<sup>3</sup>/h
- Dust filter
- Compartment for a HEPA filter
- Light source lifespan: 9000 h
- Supply voltage: 220-240 V
- UV-C wave length: 253.7 nm
- Ingress protection class: IP20
- Power cord: 3 m
- ON/OFF switch
- Additional accessories\*: wheels, HEPA filter, sensor to turn on the lamp when presence is detected (air flow disinfection function), timer activating the luminaire for a specified time with an additional safety sensor, operating time counter.



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# UV-C STERILON FLOW 144W



- Air flow disinfection function
- Direct surface disinfection function
- Type of light: UV-C ultraviolet
- Colour: white matt body, galvanised silver front
- Air flow: 200 m<sup>3</sup>/h
- Dust filter
- Compartment for a HEPA filter
- Light source lifespan: 9000 h
- Supply voltage: 220-240 V
- UV-C wave length: 253.7 nm
- Ingress protection class: IP20
- Power cord: 3 m
- ON/OFF switch
- Additional accessories\*: wheels, HEPA filter, sensor to turn on the lamp when presence is detected (air flow disinfection function), timer activating the luminaire for a specified time with an additional safety sensor, operating time counter.



Scan the code  
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\*Check availability.

Luminaire parameters are given with tolerance permitted by the standard. The manufacturer reserves the right to change the parameters of the product not for the worse, in the course of its improvement, and to make design changes or upgrade the product. Materials presented in the booklet are not a commercial offer. The complete, current offer of Lena Lighting along with current parameters can be found at [www.lenalighting.pl](http://www.lenalighting.pl).

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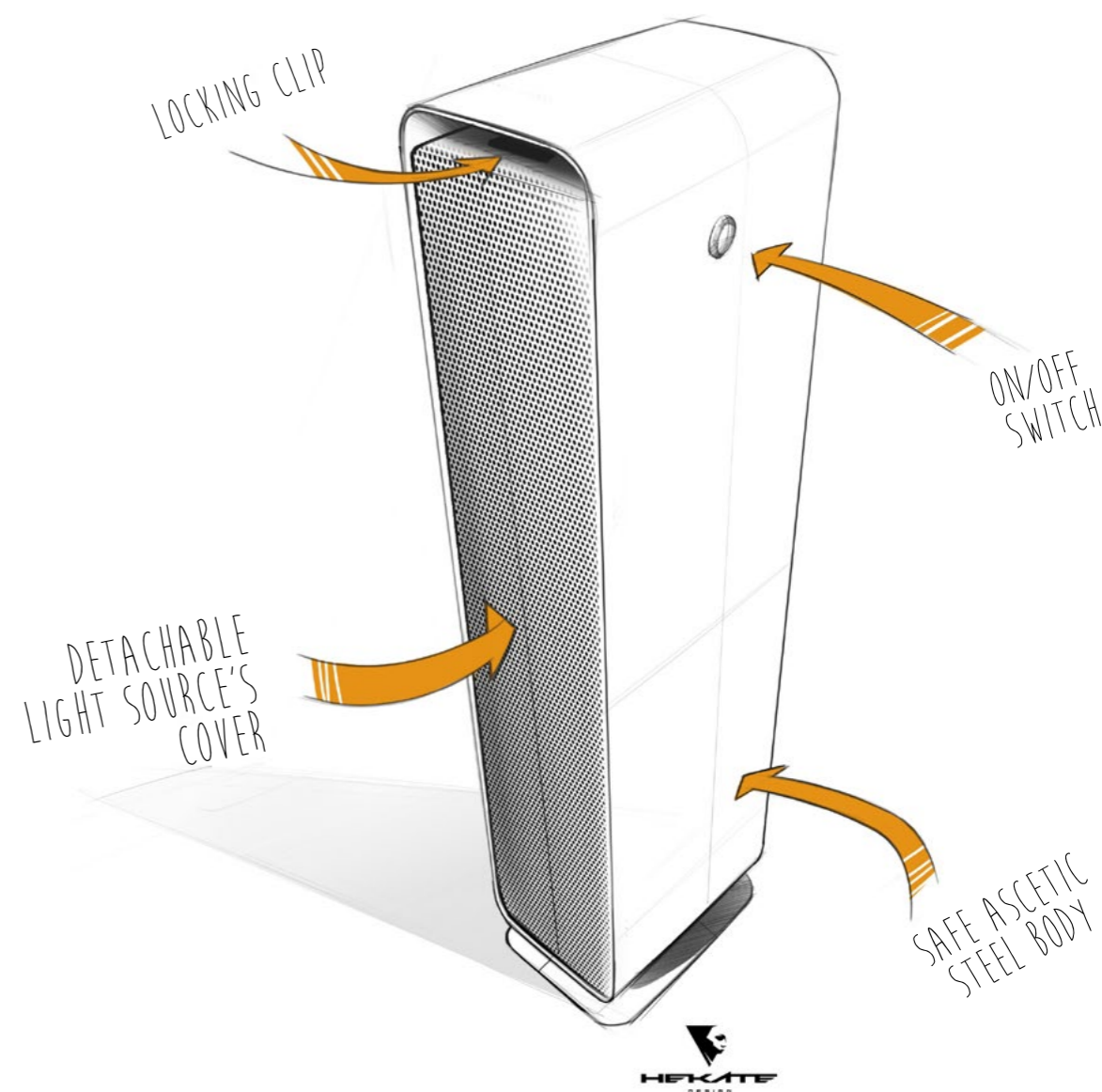
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” Our goal was to create a luminaire which would look good both in a hospital room, as well as in modern, architectural spaces.

**Kuba Zarzyński**  
UV-C STERILON FLOW designer  
HEKATE DESIGN

” Light and air are associated with effortlessness. This thought has been the foundation for designing the UV-C STERILON luminaire. The result is a mature, subtle design that provides the user with a sense of security and inner peace.

**Przemysław Pstrokoński**  
UV-C STERILON FLOW designer  
HEKATE DESIGN



## Polish technology Refined design

Viricidal UV-C STERILON luminaires, as well as other products of the Polish manufacturer – Lena Lighting, stand out on the market in quality supported by tests and research.

The undeniable advantage of UV-C STERILON FLOW luminaires is their well thought-out and refined body. The project by Polish designers – Przemysław Pstrokoński and Kuba Zarzyński – was created in HEKATE DESIGN studio in Poznań.

