

# UV-C STERILON

Family of portable and stationary 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, mould** 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



# UV-C STERILON

Family of portable  
disinfection luminaires

**NEUTRALISATION**  
**99.9%**  
VIRUSES / BACTERIA / FUNGI

# UV-C STERILON

## direct disinfection

The portable UV-C STERILON luminaire for direct disinfection has been 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 manoeuvred** 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 manoeuvre the luminaire and repeat the exposure process.

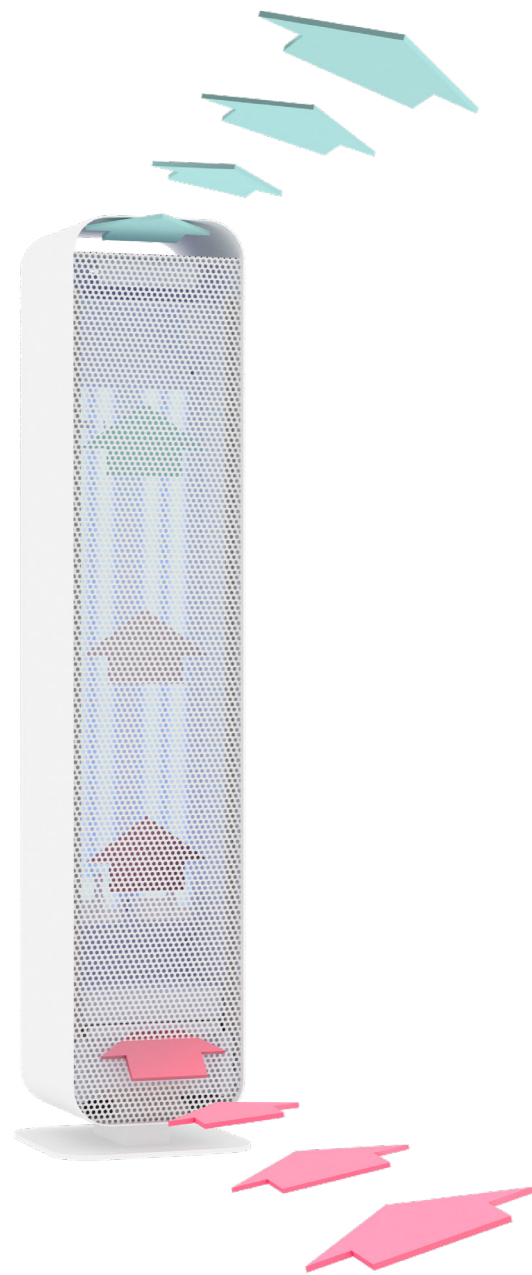
During the disinfection process it should be noted that luminaires of different power have different ranges.

- 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/ FLOW PREMIUM

airflow disinfection



Airflow disinfection consists in UV-C irradiation of air flowing through the interior of the luminaire.

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.

The UV-C rays do not reach the outside, which makes this luminaire ideally suited for places occupied by many people.

## Even more possibilities

additional option  
of direct disinfection



UV-C STERILON FLOW and UV-C STERILON FLOW PREMIUM 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 adhered to, in particular there should be no persons in the disinfected room.



## Disinfection

# 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 clinics or educational facilities. It will prove perfect in restaurants and hotels.



You can stay  
in the room



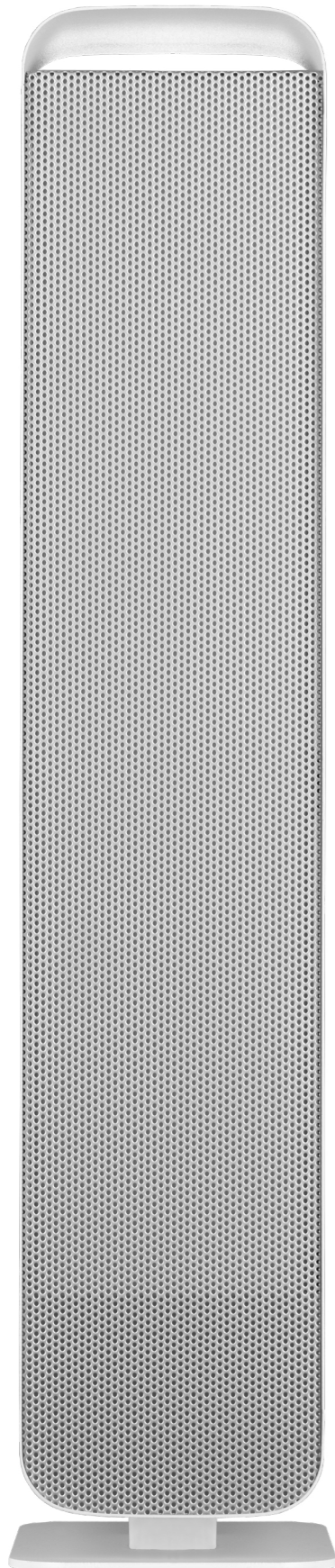
## Disinfection AIRFLOW DISINFECTION

different places, one goal

Airflow disinfection is designed for constantly occupied rooms, where there is a need to purge the air of harmful microorganisms.

It is worth using it both in medical and cosmetic clinics or educational facilities. It will prove perfect in restaurants and hotels.





# Quick and effective disinfection with UVC light!

## **Airflow disinfection (air)**

1. Place or hang 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. It is recommended to ventilate the room once every 4 hours of luminaire operation.

## **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 72W/108W



- Body colour: white
- Disinfection efficiency: 25 m<sup>2</sup> (72W) 35 m<sup>2</sup> (108W)
- Light source lifespan: 9000 h
- Approximate disinfection time: 15 min
- Type of light: UV-C
- UV-C wavelength: 253.7 nm
- Supply voltage: 220-240 V
- Ingress protection class: IP 20
- Power cord 5 m
- Multi-position arm
- Can be hung on the ceiling
- Accessories: magnetic holder, ceiling mount bracket, Future Stand, UV-C glasses
- Luminaire versions with additional equipment: ON-OFF switch, protection against exposure to UV-C radiation (reverse motion sensor)



Scan the code  
and access the  
technical data sheet

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).

# UV-C STERILON 36W



- 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 wavelength: 253.7 nm
- Supply voltage: 220-240 V
- Ingress protection class: IP 20
- Power cord 5 m
- Can be hung on the ceiling
- Accessories: magnetic holder, ceiling mount bracket, Future Stand, UV-C glasses
- Luminaire versions with additional equipment: ON-OFF switch, protection against exposure to UV-C radiation (reverse motion sensor)



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# UV-C STERILON FLOW 72W MONO



- Airflow 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 wavelength: 253.7 nm
- Ingress protection class: IP20
- Power cord: 3 m
- ON/OFF switch
- Accessories: guide wheels, HEPA filter, wall mount bracket, UV-C glasses
- Versions of luminaires with additional equipment: protection against opening, operating time counter

# UV-C STERILON FLOW 72W



- Airflow disinfection function
- One-way direct surface disinfection function
- Type of light: UV-C ultraviolet
- Colour: body – white gloss, front – silver (galvanised)
- 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 wavelength: 253.7 nm
- Ingress protection class: IP20
- Power cord: 3 m
- ON/OFF switch
- Accessories: guide wheels, HEPA filter, wall mount bracket, UV-C glasses
- Versions of luminaires with additional equipment: protection against opening, operating time counter

# UV-C STERILON FLOW 144W



- Airflow disinfection function
- Two-way direct surface disinfection function
- Type of light: UV-C ultraviolet
- Colour: body – white gloss, front – silver (galvanised)
- 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 wavelength: 253.7 nm
- Ingress protection class: IP20
- Power cord: 3 m
- ON/OFF switch
- Accessories: guide wheels, HEPA filter, wall mount bracket, UV-C glasses
- Versions of luminaires with additional equipment: protection against opening, operating time counter



Scan the code and access the technical data sheet



Scan the code and access the technical data sheet



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# UV-C STERILON FLOW PREMIUM 72W



- Airflow disinfection function
- One-way direct surface disinfection function
- ECO mode
- Type of light: UV-C ultraviolet
- Colour: white matt body, galvanised silver front
- Air flow: 160 m<sup>3</sup>/h; 110 m<sup>3</sup>/h (ECO mode)
- Dust filter
- Compartment for a HEPA filter
- Light source lifespan: 9000 h
- Maximum area (cubic capacity) of a room to be flow disinfected is approx. 75 m<sup>3</sup>
- The irradiation area for direct disinfection from a distance of 1 m is 7 m<sup>2</sup>
- UV-C wavelength: 253.7 nm
- Supply voltage: 220-240 V
- Class of protection against electric shock: I
- Ingress protection class: IP20
- Power cord: 3 m
- ON/OFF switch
- Luminaire equipped with an operating time counter to indicate the consumption of UV-C lamps. After the programmed number of UV-C fluorescent lamps' lifetime hours (9000) have elapsed, the lamps should be replaced and the counter reset. Depending on the luminaire version, the sensor is mounted on the front or side of the device.
- Accessories: guide wheels, HEPA filter, wall mount bracket, UV-C glasses
- Luminaire version with protection against opening available



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# UV-C STERILON FLOW PREMIUM 144W



- Airflow disinfection function
- Two-way 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; 110 m<sup>3</sup>/h (ECO mode)
- Dust filter
- Compartment for a HEPA filter
- Light source lifespan: 9000 h
- Maximum area (cubic capacity) of a room to be flow disinfected is approx. 120 m<sup>3</sup>
- The irradiation area for direct disinfection from a distance of 1 m is 7 m<sup>2</sup> (one direction) or 2 x 7 m<sup>2</sup> (two directions)
- UV-C wavelength: 253.7 nm
- Supply voltage: 220-240 V
- Class of protection against electric shock: I
- Ingress protection class: IP20
- Power cord: 3 m
- ON/OFF switch
- Luminaire equipped with an operating time counter to indicate the consumption of UV-C lamps. After the programmed number of UV-C fluorescent lamps' lifetime hours (9000) have elapsed, the lamps should be replaced and the counter reset. Depending on the luminaire version, the sensor is mounted on the front or side of the device.
- Accessories: guide wheels, HEPA filter, wall mount bracket, UV-C glasses
- Luminaire version with protection against opening available



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# New line of luminaires UV-C STERILON AIR LIGHT AIR

wall- or ceiling-mounted version  
and free-standing version



## UV-C STERILON AIR LIGHT 72/144W

Wall- or ceiling-mounted version (cordless)



- Airflow disinfection function
- Type of light: UV-C ultraviolet
- Steel body, powder coated in white
- Endcap made of high-quality grey plastic
- Very low weight: ~ 3-3.5 kg
- Air flow: 110 m<sup>3</sup>/h (72W); 160 m<sup>3</sup>/h (144W);
- Dust filter
- Compartment for a HEPA filter
- Light source lifespan: 9000 h
- Maximum area (cubic capacity) of a room to be flow disinfected is approx. 75 m<sup>3</sup> (72W); approx. 120 m<sup>3</sup> (144W)
- UV-C wavelength: 253.7 nm
- Supply voltage: 220-240 V
- Class of protection against electric shock: I
- Ingress protection class: IP20
- The luminaire is equipped with an operating time counter used for indicating the consumption of UV-C lamps.
- Accessories: HEPA filter



Scan the code  
and access the  
technical data sheet

## UV-C STERILON AIR LIGHT 72/144W

Wall-mounted version (with cord)



- Airflow disinfection function
- Type of light: UV-C ultraviolet
- Steel body, powder coated in white
- Endcap made of high-quality grey plastic
- Very low weight: ~ 3-3.5 kg
- Air flow: 110 m<sup>3</sup>/h (72 W); 160 m<sup>3</sup>/h (144 W);
- Dust filter
- Compartment for a HEPA filter
- Light source lifespan: 9000 h
- Maximum area (cubic capacity) of a room to be flow disinfected is approx. 75 m<sup>3</sup> (72W); approx. 120 m<sup>3</sup> (144W)
- UV-C wavelength: 253.7 nm
- Supply voltage: 220-240 V
- Class of protection against electric shock: I
- Ingress protection class: IP20
- Version with a power cord (3 m) additionally equipped with an on-off switch.
- The luminaire is equipped with an operating time counter used for indicating the consumption of UV-C lamps.
- Accessories: HEPA filter



Scan the code  
and access the  
technical data sheet

# UV-C STERILON AIR 72/144W

Wall- or ceiling-mounted version (cordless)



- Airflow disinfection function
- Type of light: UV-C ultraviolet
- DC fan with ECO mode
- Steel body, powder coated in white
- Endcap made of high-quality grey plastic
- Very low weight: ~ 3 – 4 kg
- Air flow: 160 m<sup>3</sup>/h (72W); 220 m<sup>3</sup>/h (144W); 110 m<sup>3</sup>/h (ECO mode)
- Dust filter
- Compartment for a HEPA filter
- Light source lifespan: 9000 h
- Maximum area (cubic capacity) of a room to be flow disinfected is approx. 90 m<sup>3</sup> (72W); 150 m<sup>3</sup>/h (144W);
- UV-C wavelength: 253.7 nm
- Supply voltage: 220-240 V
- Class of protection against electric shock: I
- Ingress protection class: IP20
- The luminaire is equipped with an operating time counter used for indicating the consumption of UV-C lamps.
- Accessories: HEPA filter

# UV-C STERILON AIR 72/144W

Wall-mounted version (with cord)

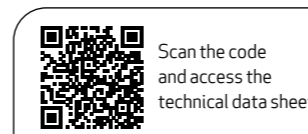


- Airflow disinfection function
- Type of light: UV-C ultraviolet
- DC fan with ECO mode
- Steel body, powder coated in white
- Endcap made of high-quality grey plastic
- Very low weight: ~ 3 – 4 kg
- Air flow: 160 m<sup>3</sup>/h (72W); 220 m<sup>3</sup>/h (144W); 110 m<sup>3</sup>/h (ECO mode)
- Dust filter
- Compartment for a HEPA filter
- Light source lifespan: 9000 h
- Maximum area (cubic capacity) of a room to be flow disinfected is approx. 90 m<sup>3</sup> (72W); 150 m<sup>3</sup>/h (144W);
- UV-C wavelength: 253.7 nm
- Supply voltage: 220-240 V
- Class of protection against electric shock: I
- Ingress protection class: IP20
- Version with a power cord (3 m) additionally equipped with an on-off switch
- The luminaire is equipped with an operating time counter used for indicating the consumption of UV-C lamps.
- Accessories: HEPA filter

# UV-C STERILON AIR 72/144W

Free-standing version (with cord)

- Airflow disinfection function
- Type of light: UV-C ultraviolet
- DC fan with ECO mode
- Steel body, powder coated in white
- Endcap made of high-quality grey plastic
- Very low weight: ~ 3 – 4 kg
- Air flow: 160 m<sup>3</sup>/h (72W); 220 m<sup>3</sup>/h (144W); 110 m<sup>3</sup>/h (ECO mode)
- Dust filter
- Compartment for a HEPA filter
- Light source lifespan: 9000 h
- Maximum area (cubic capacity) of a room to be flow disinfected is approx. 90 m<sup>3</sup> (72W); 150 m<sup>3</sup>/h (144W);
- UV-C wavelength: 253.7 nm
- Supply voltage: 220-240 V
- Class of protection against electric shock: I
- Ingress protection class: IP20
- Version with a power cord (3 m) additionally equipped with an on-off switch
- The luminaire is equipped with an operating time counter used for indicating the consumption of UV-C lamps.
- Accessories: HEPA filter



Scan the code and access the technical data sheet

## ECO mode

In ECO mode, the adjustable fan allows the airflow to be reduced to 110 m<sup>3</sup>/h, which makes the luminaire's operation quieter. Please note that in order to obtain a sufficiently high level of disinfection efficiency in this mode, the luminaire must operate at least two hours longer than in the standard mode.



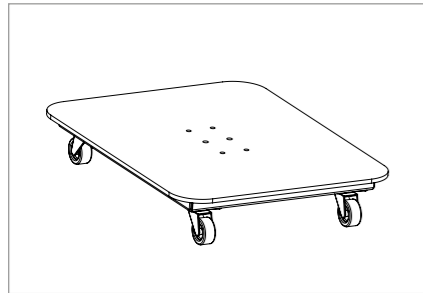
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# Additional accessories and options

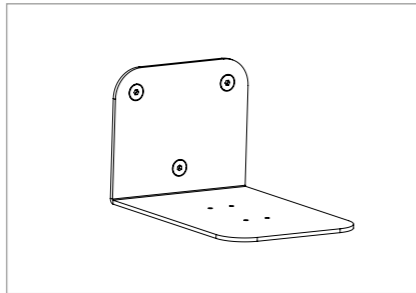
## UV-C STERILON FLOW



### ACCESSORY

#### SET OF GUIDE WHEELS

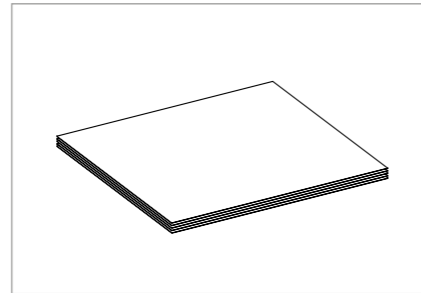
Thanks to the 360° rotation function, it significantly facilitates manoeuvring the luminaire. It offers easy and quick mounting.



### ACCESSORY

#### WALL BRACKET

Bracket for quick wall mounting with the use of the attached fixing screws.



### ACCESSORY

#### HEPA FILTER

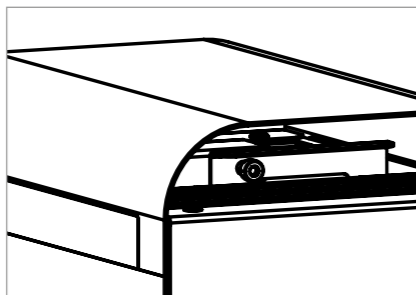
Highly efficient filters made of glass fibre.



### UNIVERSAL ACCESSORY

#### PROTECTIVE GLASSES

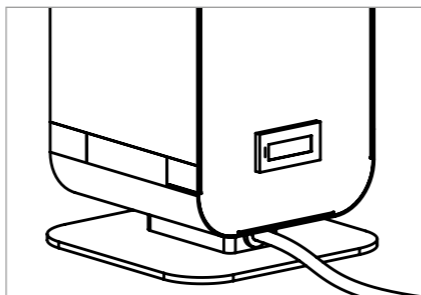
They filter 99.9% of UV radiation. The side wall of the lenses fully protects the eyesight.



### OPTION

#### PROTECTION AGAINST OPENING

Provides additional safety preventing the luminaire cover from being opened.

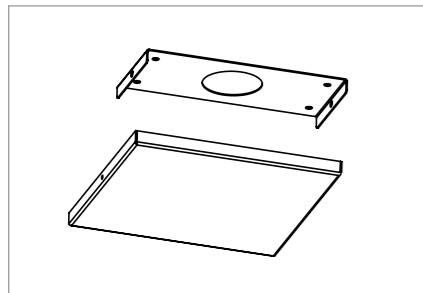


### OPTION

#### OPERATING TIME COUNTER

Operating time counter is used to indicate the consumption of UV-C fluorescent lamps.

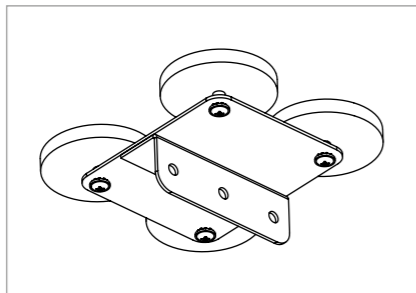
## UV-C STERILON



### ACCESSORY

#### CEILING BRACKET

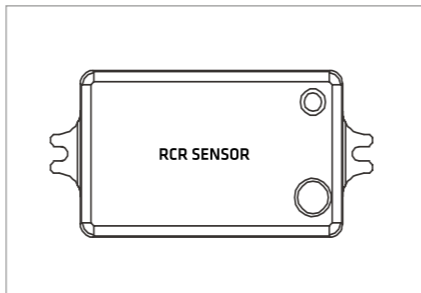
It can be mounted to the ceiling, wall or other surface using a magnetic holder.



### ACCESSORY

#### MAGNETIC HOLDER

Enables mounting to metal surfaces. Steel base available as a ceiling mount bracket.



### OPTION

#### REVERSE MOTION SENSOR

Designed to protect people and animals from accidental exposure to UV-C radiation.

## ACCESSORIES / UV-C STERILON FLOW

Index	Dimensions	Set	Colour	UV-C STERILON FLOW 72W	UV-C STERILON FLOW 144W	UV-C STERILON FLOW 72 W MONO
<b>SET OF GUIDE WHEELS</b>						
243646	230x230x53	2.5	Matt white	+	-	-
243660	290x230x53	3.0	Matt white	-	+	-
243653	230x230x53	2.5	Gloss white	-	-	+
<b>WALL BRACKET</b>						
240485	225x140x160	1.3	Matt white	+	-	-
240492	225x220x160	1.75	Matt white	-	+	-
240478	225x140x160	1.3	Gloss white	-	-	+
<b>HEPA FILTER</b>						
243639	-	-	-	+	+	+
<b>UV-C PROTECTIVE GLASSES</b>						
243639	-	-	-	+	+	-

## OPTIONS / UV-C STERILON FLOW

Index	UV-C STERILON FLOW 72W	UV-C STERILON FLOW 144W	UV-C STERILON FLOW 72 W MONO
<b>PROTECTION AGAINST OPENING</b>			
240546	+	+	-
240553	+	+	-
<b>OPERATING TIME COUNTER</b>			
240522	+	-	-
240539	-	+	-
240515	-	-	+

## ACCESSORIES / UV-C STERILON

Index	UV-C STERILON 36W	UV-C STERILON 72W	UV-C STERILON 108W
<b>CEILING BRACKET</b>			
243622	+	+	-
<b>MAGNETIC HOLDER</b>			
243615	+	+	-

## OPTIONS / UV-C STERILON

Index	UV-C STERILON 36W	UV-C STERILON 72W	UV-C STERILON 108W
<b>PROTECTION AGAINST EXPOSURE TO UV-C RADIATION.</b>			
240386	+	-	-
240362	-	+	-
240379	-	-	+

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

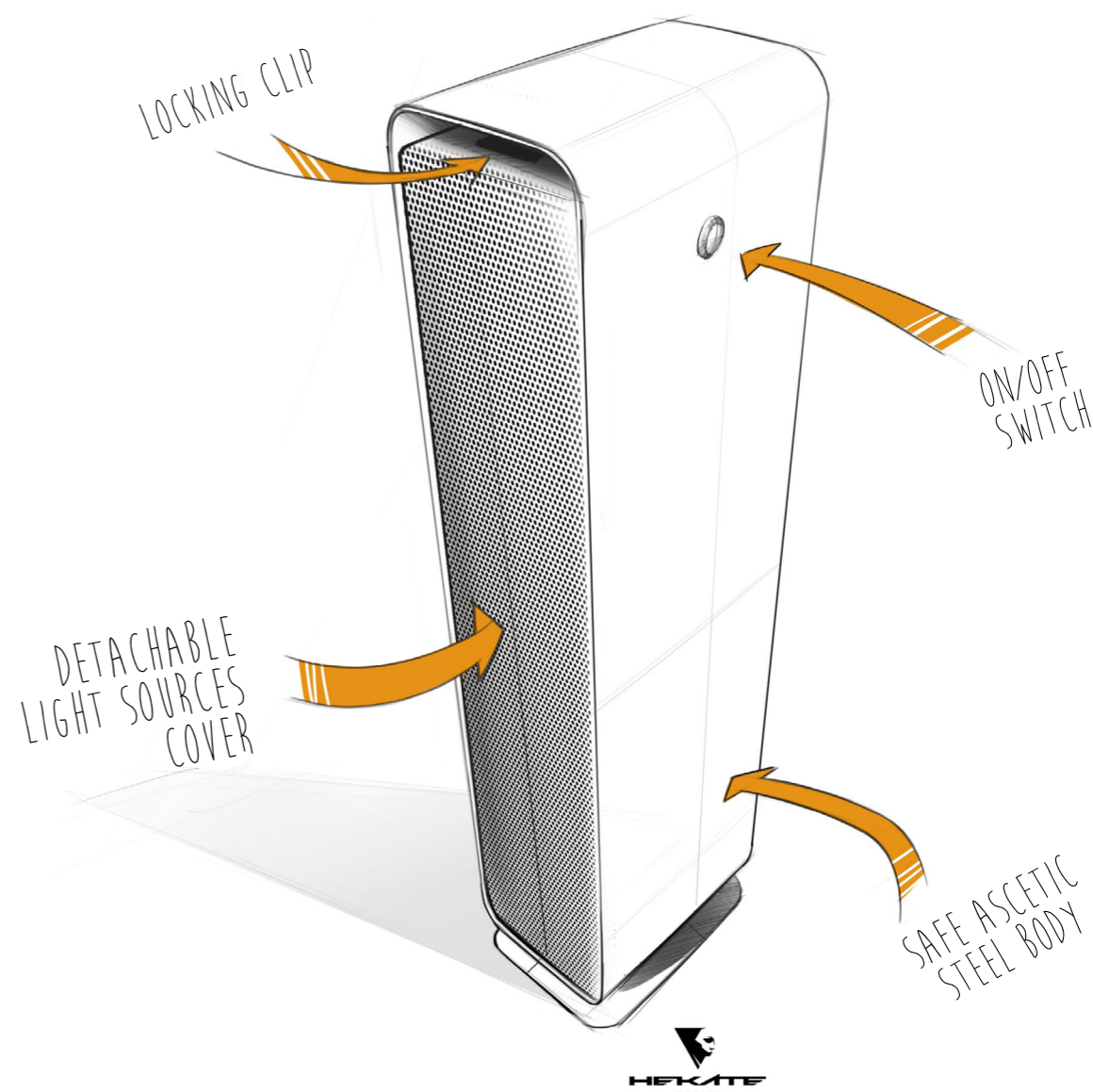
**Kuba Zarzyński**

UV-C STERILON FLOW designer  
HEKATE DESIGN

” Light and air are associated with effortless. 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.

