

# UV AIR Small

V1

## UVAIR Small UV-C LED & nano filter air cleaning panel

**64** Watt  
Power

UVX Nano

**4320** lm  
Lumen

**120** lm/W  
Efficiency

**3,4,5 or 6000** k  
Color temperature

**80**  
CRI

**36** Watt  
LED power

**28** Watt  
AIR power

**99%** Reduction  
in 20min  
H1N1 cultures

**99%** Reduction  
in 20min  
Enterovirus cultures

\* Certified laboratory measurements

## 2 in 1 - luminaire and high-end air cleaning

### 3-WAY NANO AIR CLEANING

Looking like a basic lighting panel, the UV AIR is cleaning your air and surfaces from viruses and pathogens with its unique 3-way air cleaning technology, featuring UV-C light, nano filter, and silver-nano-coating. With the UV AIR you can now sanitize your environment sustainably from viruses, bacteria, pathogens, and chemicals, such as formaldehyde, benzene, toluene, xylol, and ammonia while reducing your concentration of TVOCs.

The surface of the UV AIR luminaire is silver-nano-coated for additional 24-hour protection, even when the panel is switched off. And last but not least the system comes with cost-effective and easily replaceable filters. Ideal for entrance areas, production, and storage space.

### RELIABLE AND EFFICIENT

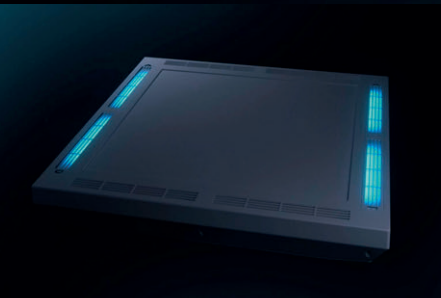
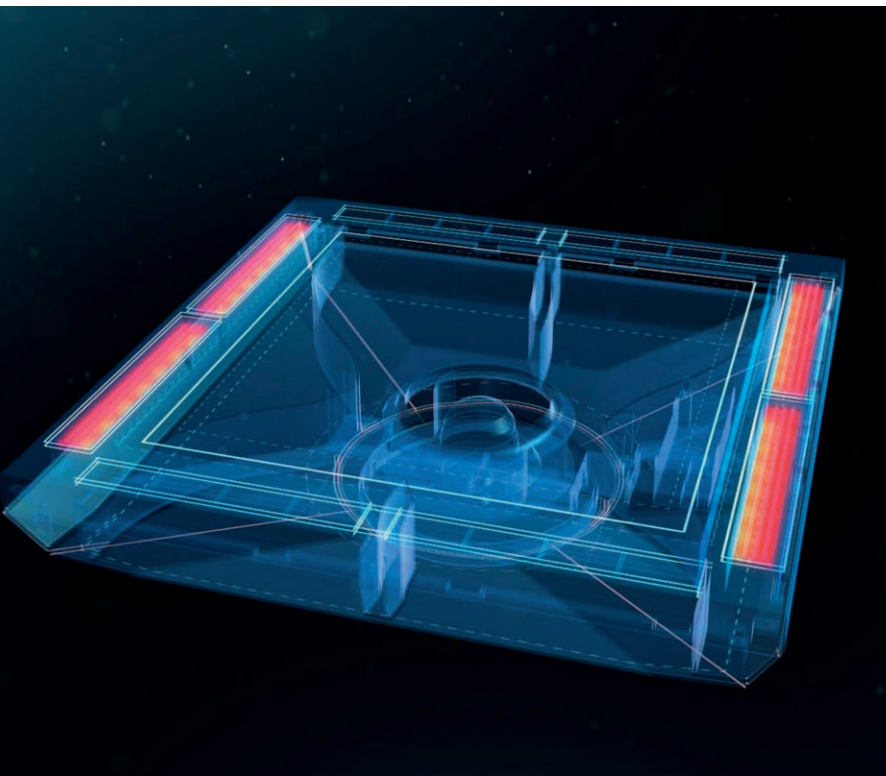
All Surya LED lights that have been purchased at authorized dealers come with a 3-year warranty. More on: <https://surya-leds.com/en/warranty>

### HIGH DURABILITY

Minimum lifetime of 50.000 operating hours.



3 YEAR  
WARRANTY



## Innovative 3-way air cleaning technology

UVX

Our 3-way technology, with UV-C light, silver-nano-coating, and air filtering, creates silver ions, which react with the sulfur-hydrogen-ions present inside of bacteria and block their reproductive mechanisms after an electric charge has destroyed their cell membrane. Free superoxide radicals then attack bacteria and viruses, drastically reducing their load. The unique silver-nano-coating on the surface of the luminaire offers additional 24-hour protection at a 30% efficiency rate - even when the panel is switched off.

Professional and reliable reduction of the following bacteria and viruses can be accomplished:

- 76,61% Reduction in Formaldehyde after 1 hour
- 99% Reduction in Formaldehyde after 24 hours
- 99,99% Reduction of H1N1 cultures after 20 minutes
- 99,99% Reduction of Enterovirus cultures after 20 minutes
- 90% Inhibition of respiratory mixed viruses
- 99% Reduction of TVOCs after 24 hours
- 100% Reduction in 5 common microbes after 28 days
- > 99% Reduction in Staphylococcus aureus after 24 hours
- > 99% Reduction in Salmonella after 30 minutes
- > 99% Reduction in Pneumophilia after 24 hours
- > 99% Reduction in White Candida after 10 minutes
- > 99% Reduction in Colicabsillosis after 24 hours
- > 99% Reduction in Pseudomonas after 24 hours
- > 80,8% Reduction in the Tuvercle inhibition rate
- > 99% Antiseptic function against superbugs (Antibiotic-resistant bacteria)

## Certified & tested

### OPTIMIZED AIR PROTECTION

- FDA certified
- EMV-, LVD-, SGS-certificates
- CE EN60598 LVD certificate
- CE EN60598 test report
- CE EN61547 certificate
- CE EN61547 test report
- CE EN 62493 certificate EMC VoC+DoC
- CE EN 62493 test report
- FDA MicroBAC EV test
- FDA MicroBAC H1N1 test
- FDA certificate
- Hospital TB test
- SGS E.Coli test
- SGS Formaldehyde test
- SGS Fungus test
- SGS MRSA test
- SGS Pseudomonas aeruginosa test
- SGS RoHs test
- SGS Staphylococcus aureus test
- SGS TVOC test

## Recommended area of application

### VERSATILE AND SAFE

An ideal solution for sanitizing frequented areas as entrance portals, sanitary areas, operating rooms, and production areas or as an effective additional barrier against pathogens in clean-room environments.

Designed to impact positively in hospital environments, doctor's offices, surgeries, schools, kindergartens, offices, and living spaces.

## Technical data

All our lighting fixtures and accessories have to pass strict quality criteria so we can ensure you with continuously high reliability, life span, and efficiency.

Technical data	
Type	UV AIR Small
Item number	-
Dimming	No
Daisy chain	No
Ext. driver	No
Total power	64W (+/-5%)* 36W LED / 28W AIR
Input	200-240VAC
Frequency range	50 / 60 Hz
Dimensions	598 x 598 x 120 mm
Lumen	4320lm
Lumen efficiency	120lm/W
Spectrum	UVX Nano (270nm - 290nm)
Ozone	Ozone free (not detectable)
Air flow rate	12m <sup>3</sup> per hour
CRI	80
CCT	3000K, 4000K, 5000K 6000K
Noise	<40dB
Filter life span	2160 hours
LED life span	> 50.000 operating hours
Ventilator life span	3 years
Housing	ABS / PC / Nano-coating
Weight	6.5kg
Mounting type	Frame installation
	Surface mounted installation
	Boom installation
	Hanging installation
Power supply	Built-in power supply cable (open-ended)
Accessories	UV AIR Nano filter replacement (4 pcs)

\* Typical Output values for stable operation at 25°C ambient temperature

