

3F Violetta UV-C

Clean air at the speed of light.





3F Violetta UV-C

Room disinfection fixtures designed to use germicidal lamps.

Body painted with Antimicrobial Paint for increased hygiene guaranteed over time. Germicidal lamps are special lamps that produce ultraviolet radiation with domain spectral components in the UV-C range; this radiation modifies the DNA or RNA of microorganisms (bacteria, viruses, germ and mould spores) and prevents them from reproducing or being harmful.

Germicidal lamps emit high intensity UV-C radiation that can cause burns, eye irritation (conjunctivitis) and skin damage (erythema).

Construction features

Lighting

The fixtures are designed to use T8 30 W, 36 W and 55 W linear germicidal lamps. Indirect asymmetric light distribution (Wall version) or direct symmetrical light distribution (Ceiling version)

Mechanic

Body made of steel painted white with antimicrobial powder paint. The special paint, in addition to the antimicrobial properties provides protection and decoration typical of a high-performance powder paint.

It is specifically used in areas where it is necessary to ensure a high level of cleanliness for example in the medical and food sectors, public recreational and sports areas and areas with large crowds: like public transport, airports, schools etc. The development and spread of microbes such as bacteria, and mould can affect the operation of a product, be responsible for degradation, bad smells and stains. Cleaning actions are used to eliminate the presence of bacteria on products. However, between one cleaning cycle and

another microbes multiply on surfaces. The antimicrobial protection acts between cleaning cycles to provide products with further defence against the development of bacteria.

Electrics

EEI A2 electronic cabling, 230V-50/60Hz, lamp warm start. Double insulation silicone cabling with high resistance to UV. Conforms to EN 60598-1

Source features

Fixtures supplied without germicidal lamps (W/L); below are some lamps available from the main distributors of electrical material

Osram PURITEC T8/G13

- HNS 30W G13
- HNS 55W G13
- HNS 36W G13

Philips TUV T8/G13

- TUV 30W 1SL/25
- TUV 55W HO 1SL/6
- TUV 36W SLV/6

Applications

Room disinfection fixtures designed to be used with germicidal lamps.

Installation

Wall installation:

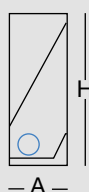
Indirect radiation towards the ceiling with diffused radiation in the environment for air sanitisation. Mandatory orientation of the fixture with the lamp at the bottom; installation height of no less than 2 metres from the ground.

Ceiling installation:

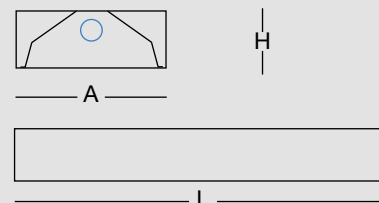
Direct radiation towards the floor to sanitise surfaces and the air.

Dimensions

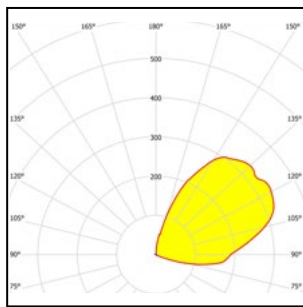
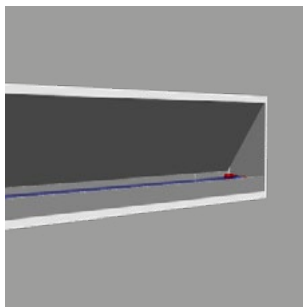
Wall



Ceiling



3F Violetta UV-C Wall

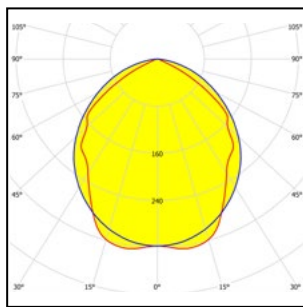
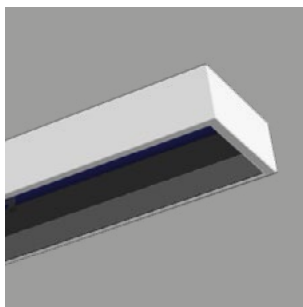


Lamp excluded

Indirect asymmetric distribution for air sanitisation
Recuperator in satin anodised aluminium to avoid annoying reflections.

Code	Article	Dimensions L x A x H
9302	3F Violetta UVC WALL 1x30 T8 S/L L925	925 x 70 x 180
9303	3F Violetta UVC WALL 1x36 T8 S/L L1230	1230 x 70 x 180
9307	3F Violetta UVC WALL 1x55 T8 HO S/L L925	925 x 70 x 180

3F Violetta UV-C Ceiling



Lamp excluded

Direct distribution for surface and air sanitisation
Recuperator in satin anodised aluminium to avoid annoying reflections.

Code	Article	Dimensions L x A x H
9304	3F Violetta UVC CEIL 1x30 T8 S/L L925	925 x 180 x 70
9305	3F Violetta UVC CEIL 1x36 T8 S/L L1230	1230 x 180 x 70
9308	3F Violetta UVC CEIL 1x55 T8 HO S/L L925	925 x 180 x 70

Warning

The product is designed to be fitted with germicidal lamps with Photobiological risk RG3 (IEC 62471) that emit high intensity UV-C radiation that can cause burns, eye irritation (conjunctivitis) and skin damage (erythema).•Avoid exposure to the skin and eyes to direct or reflected radiation without the use of Personal Protective Equipment (PPE);

- Light fixtures that use these type of lamps must be turned on and used only in the absence of people, animals and plants.
- Security procedures must be implemented that protect workers of any kind who access rooms where fixtures that emit UV-C radiation are installed; personnel must be suitably shielded from the radiation emitted.
- Workers must be informed, be aware of safety procedures and respect them with awareness. It is essential to prevent unprotected people from accessing these rooms in the event the lamps are operational.

A particularly effective safety measure in this regard is to arrange for the lamps to turn on only using special key switches and that these are only entrusted to adequately trained staff.

UV-C rays are similar to sunlight even though they do not transmit heat. Like sun rays they can nevertheless tend to yellow plastic material exposed for a long time, especially if white in colour and cause alterations to many materials.



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