



UV-C disinfection upper air CM

SM345C 4xTUV PLS 9W HFM

4 pcs - HF Matchbox - White and black - 38 W - 230 V

As part of the Philips UV-C disinfection upper air device series, Philips UV-C disinfection upper air ceiling mounted is designed to be installed on false ceilings for the disinfection of air in a wide range of applications. Optimized for low ceiling heights, the UV-C rays are distributed at device level and above. The beam of UV-C rays is controlled by specific reflectors and the louvre design. This allows for the disinfection of the air in a space, while ensuring that day-to-day business activities can continue underneath the area where the device is active.

Warnings and Safety

- DANGER: Risk Group 3 UV product. Like any disinfection system, UV-C lamps and devices must be installed and used in the correct way. Direct exposure to UV-C can be dangerous and result in a sunburn-like reaction to the skin and serious damage to the cornea.
- As UV-C is invisible to the eye, the UV-C upper air device must be installed together with adequate safeguards to ensure that the UV-C upper air device can be operated in a safe way. The UV-C upper air device are only to be used as components in a system that consists of adequate safety safeguards such as, but not limited to, those indicated in the mounting instructions and/or user manuals.
- Direct exposure to UV-C is dangerous. Philips UV-C luminaires systems must only be sold through qualified partners and installed by professionals according to our stringent safety and legal requirements. Our UV-C products are not meant to be used in applications or activities which may cause and/or lead to death, personal injury and/or damage to the environment.

Product data

General Information		Number of gear units	
Number of light sources	4 pcs	4 units	
Beam angle of light source	- °	Gear	HFM [HF Matchbox]
		Optic type	Lamellae louver

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Luminaire light beam spread	-
Control interface	-
Connection	Push-in connector 3-pole
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	1 years
Number of products on MCB of 16 A type B	38
Photobiological risk	Photobiological risk group 3 @ 200mm to EN62471
EU RoHS compliant	Yes

Operating and Electrical

Input Voltage	230 V
Input Frequency	50 Hz
Inrush current	13 A
Inrush time	0.11 ms
Power Factor (Min)	0.64

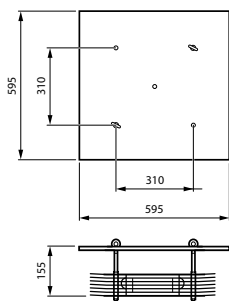
Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Aluminum
Reflector material	Aluminum
Optic material	Aluminum
Mounting device	Frame for recessed mounting
Overall length	595 mm
Overall width	595 mm
Overall height	155 mm

Dimensional drawing



UV-C disinfection devices

Color	White and black
Dimensions (Height x Width x Depth)	155 x 595 x 595 mm (6.1 x 23.4 x 23.4 in)

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

UV

UV-C radiation	0.335 W
UV-C irradiance defined at 2m	11.44 $\mu\text{W}/\text{cm}^2$
UV-C irradiance defined at 20cm	137.20000000000002 $\mu\text{W}/\text{cm}^2$

Initial Performance (IEC Compliant)

Initial input power	38 W
Power consumption tolerance	+/-10%

Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Full product code	871869690444200
Order product name	SM345C 4xTUV PLS 9W HFM
EAN/UPC - Product	8718696904442
Order code	919206000021
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919206000021
Net Weight (Piece)	7.500 kg



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