



# UV-C disinfection upper air ceiling mounted

## SM355B 4xTUV PLS 9W HFM

SM345C | PHILIPS UV-C DISINFECTION UPPER AIR, 4, HFM | 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

# UV-C disinfection upper air ceiling mounted

General Information	
Number of gear units	4 units
Gear	HFM [HF Matchbox]
Service tag	Yes
Warranty period	1 years
Light Technical	
Number of light sources	4
Beam angle of light source	- degree(s)
Optic type	Lamellae louver
Luminaire light beam spread	-
Operating and Electrical	
Input Voltage	230 V
Line Frequency	50 Hz
Inrush current	13 A
Inrush time	0.11 ms
Power Consumption	38 W
Power Factor (Fraction)	0.66
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	70
Suitable for random switching	No
Protection class IEC	Safety class I
Controls and Dimming	
Dimmable	No
Control interface	-
Maximum dim level	Not applicable
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Aluminum
Optic material	Aluminum
Housing Color	White and black
Mounting device	Frame for recessed mounting
Overall length	595 mm
Overall width	595 mm
Overall height	185 mm
Dimensions (Height x Width x Depth)	185 x 595 x 595 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Net Weight (Piece)	7.500 kg
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 3 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	+10 to +40 °C
UV	
UV-C radiation	0.37 W
UV-C irradiance defined at 2m	136 mW/m <sup>2</sup>
UV-C irradiance defined at 0.2m	1,522 mW/m <sup>2</sup>
Initial Performance (IEC Compliant)	
Power consumption tolerance	+/-10%
Sustainability Data	
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Product Data	
Order product name	SM355B 4xTUV PLS 9W HFM
Full product name	SM355B 4xTUV PLS 9W HFM
Full product code	871951496500300
Order code	910505103001
Material Nr. (12NC)	910505103001
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514965003
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514965003
Product family code	SM345C [PHILIPS UV-C DISINFECTION UPPER AIR]

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### Dimensional drawing

