

UV-C disinfection upper air WM

WL345W 1xTUV T5 25W HFS

1 pc - HF Selectalume - White and black - 29.6 W - 230 V

As part of the Philips UV-C disinfection upper-air device series, the Philips UV-C disinfection upper-air wall-mounted device is designed to be installed on walls for the disinfection of air in a wide range of applications. Optimised 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 devices 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 light sources	1 [1 pc]
Beam angle of light source	- °
Number of gear units	1 unit

Gear	HF-S [HF Selectalume]
Optic type	L [Lamellae louver]
Luminaire light beam spread	-
Control interface	-

UV-C disinfection upper air WM

Connection	Push-in connector 3-pole
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	-
Warranty period	1 years
Number of products on MCB (16 A type B)	28
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	18 A
Inrush time	0.35 ms
Power factor (min.)	0.98

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	Aluminium
Optic material	Aluminum
Mounting device	MBW [Wall-mounting bracket]
Overall length	553 mm
Overall width	185 mm
Overall height	140 mm
Colour	White and black
Dimensions (height x width x depth)	140 x 185 x 553 mm (5.5 x 7.3 x 21.8 in)

Approval and Application

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

UV

UV-C radiation	0.375 W
UV-C irradiance defined at 2 m	35.57
UV-C irradiance defined at 20 cm	426.62

Initial Performance (IEC Compliant)

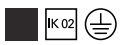
Initial input power	29.6 W
Power consumption tolerance	+/-10%

Application Conditions

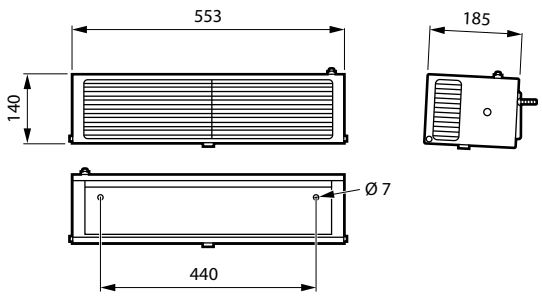
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

Product Data

Full product code	871869690445900
Order product name	WL345W 1xTUV T5 25W HFS
EAN/UPC – product	8718696904459
Order code	90445900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919206000011
Net Weight (Piece)	6.290 kg



Dimensional drawing



UV-C disinfection devices

UV-C disinfection upper air WM

© 2020 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com
2020, December 10 - data subject to change