



D A K R O
E N V I R O N M E N T A L
Your safe air & water partner



UV-C disinfection upper air wall mounted

WL346W 1xTUV T5 25W HFS

PHILIPS UV-C DISINFECTION UPPER AIR - 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.

•[1] According to results obtained from a laboratory test conducted by Innovative Bioanalysis, a CAP, CLIA, AABB Certified Safety Reference Laboratory, in a room with sufficient air circulation. For more information, please refer to the test report available in the "related tools" part of this webpage

UV-C disinfection upper air wall mounted

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	-
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
Product family code	WL345W [PHILIPS UV-C DISINFECTION UPPER AIR]

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
Diameter	-
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	0.53 W
UV-C irradiance defined at 2 m	97.2 µW/cm ²
UV-C irradiance defined at 20 cm	806 µW/cm ²

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

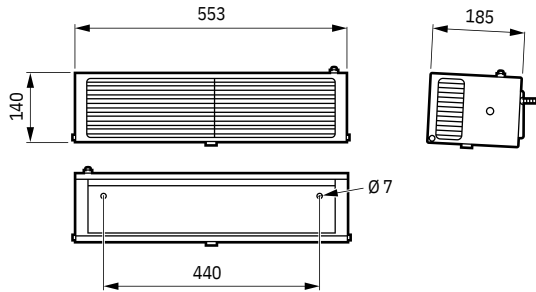
Product Data

Full product code	871016366504700
Order product name	WL346W 1xTUV T5 25W HFS
EAN/UPC – product	8710163665047
Order code	66504700
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919206000111
SAP net weight (piece)	6.000 kg



UV-C disinfection upper air wall mounted

Dimensional drawing



UV-C disinfection devices



DAKRO
ENVIRONMENTAL

Your safe air & water partner

E: enquiries@dakro.co.uk

W: www.dakro.co.uk

T: 0121 559 6431