



DAKRO
ENVIRONMENTAL
Your safe air & water partner



UV-C disinfection batten

TMS030 2xT8 36W/TUV HFP R

UV-C DISINFECTION BATTEN - 1 or 2 pcs - HF Performer -
Aluminium - 68 W - 220 to 240 V

The UV-C batten is designed for the disinfection of surfaces and is suitable for a wide range of applications. The UV-C batten provides universal UV-C irradiance with homogeneous distribution. Its disinfection capability is based on the wattage used and a specific exposure time for a given distance from that surface. No person should be present at the time of usage, due to high risk of harm to eyes and skin. The performance is enhanced by a highly-reflective and durable aluminium body, which improves its efficacy even further and directs the UV-C light to the to-be-irradiated surfaces.;The lamp holders and end caps are protected against UV-C thanks to dedicated shielding. There is a 1- and 2-lamp version available, for both the bare batten and reflector batten. This offers even a greater flexibility.

UV-C disinfection batten

Warnings and Safety

- DANGER: Risk Group 3 UV product. Like any disinfection system, UV-C lamps and devices must be installed and used correctly.
- 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 batten must be installed together with adequate safeguards to ensure that the UV-C batten can be operated safely. The UV-C battens 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 instruction and/or user manual.
 - Philips UV-C devices 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.
- Disclaimer:
 - The UV-C battens' effectiveness in the inactivation of certain viruses, bacteria, protozoa, fungi or other harmful micro-organisms is as described under Benefits. Signify and its group of companies do not promise or warrant that the use of UV-C battens will protect or prevent any user from infection and/or contamination with any harmful micro-organisms, illness or disease. The UV-C battens are not approved for, are not intended and must not be used to disinfect medical devices. In addition to and without limitation of any exclusions or limitations of liability of Signify and its group of companies as set forth in any agreement for sale, distribution or otherwise making available of UV-C battens, Signify and its group of companies shall have no responsibility or liability whatsoever for any claim or damage that may arise from or relate to any use of UV-C battens outside of their intended use or contrary to their installation and operation instructions, each as described under Applications, the user manual and/or mounting instruction.

Product data

General Information	
Number of light sources	1/2 [1 or 2 pcs]
Number of gear units	1 unit
Gear	HFP [HF Performer]
Optic type	No [-]
Control interface	-
Connection	Screw connection block 3-pole
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	F [For mounting on normally flammable surfaces]
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	No
Product family code	TMS030 [UV-C DISINFECTION BATTEN]

Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Inrush current	18 A
Inrush time	0.25 ms
Power factor (min.)	0.96

Controls and Dimming

Dimmable	No
----------	----

Mechanical and Housing

Housing material	Aluminium Alloy
Reflector material	Aluminium
Optic material	-
Mounting device	Baseplate
Overall length	1224 mm
Overall width	181 mm
Overall height	93 mm
Colour	Aluminium
Dimensions (height x width x depth)	93 x 181 x 1224 mm (3.7 x 7.1 x 48.2 in)

Approval and Application

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

UV

UV-C radiation	18 W
UV-C irradiance defined at 2 m	143 µW/cm ²
UV-C irradiance defined at 20 cm	14300 µW/cm ²

Initial Performance (IEC Compliant)

Initial input power	68 W
Power consumption tolerance	+/-11%

Application Conditions

Ambient temperature range	+20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	Not applicable

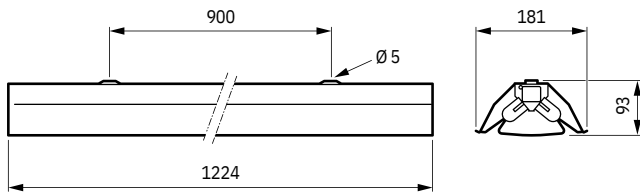
UV-C disinfection batten

Product Data	
Full product code	871951410920900
Order product name	TMS030 2xT8 36W/TUV HFP R
EAN/UPC – product	8719514109209
Order code	10920900
SAP numerator – quantity per pack	1

Numerator – packs per outer box	1
SAP material	910925867664
SAP net weight (piece)	2.040 kg



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