PHILIPS

Lighting

UVC Disinfection Batten

TMS160C 1X36W TUV SLV/6

1, 36 W, 222 to 240 V, 52 or 60 Hz, Safety class I, Finger-protected, 0.2 J standard

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 homogenous distribution. Its disinfection capability is based on 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 aluminum 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.

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Warnings and Safety

- DANGER: Risk Group 3 UV product. Like any disinfection system, UV-C 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 batten must be installed with adequate safeguards to ensure that the UV-C batten can be operated in a safe way. The UV-C battens are only to be used as components in a system that consists of adequate safeguards such as, but not limited to, those indicated in the mounting instruction and/or user manual.
- Philips UV-C products 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.
- 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 as medical devices, as such term may be defined under the applicable laws of the countries in which the battens are made available. 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 the 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 the UV-C battens outside of their intended use or contrary to their installation and operation instructions, each as described under "Application", the user manual and/or the mounting instruction.

Product data

General Information	
Number of gear units	1 unit
Gear	HFP [HF Performer]
CE mark	CE mark
Warranty period	1 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Number of light sources	1
Beam angle of light source	- degree(s)
Optic type	-
Luminaire light beam spread	-

Operating and Electrical	
Input Voltage	222 to 240 V
Line Frequency	52 or 60 Hz
Inrush current	18 A
Inrush time	0.25 ms
Power Consumption	36 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B	28

Temperature	
Ambient temperature range	-10 to +45 °C

Controls and Dimming	
Dimmable	No
Control interface	-

Mechanical and Housing	
Housing Material	Steel
Reflector material	Aluminum
Optic material	Aluminum
Housing Color	White and black
Mounting device	Surface & Suspended (Asymmetric/ Symmetric)
Overall length	1,230 mm
Overall width	56 mm
Overall height	80 mm
Dimensions (Height x Width x Depth)	80 x 56 x 1230 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

UV	
UV-C radiation	14 W
UV-C irradiance defined at 0.2m	57.6 µW/cm²

Initial Performance (IEC Compliant)	
Power consumption tolerance	+/-10%

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

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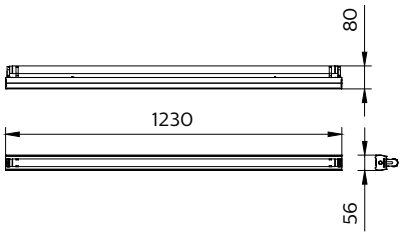
Suitable for random switching	No

Product Data

Order product name	TMS160C 1X36W TUV SLV/6
Full product name	TMS160C 1X36W TUV SLV/6
Full product code	692234198277499
Local code description	TMS160C1X36W
Order code	911401524471

Material Nr. (12NC)	911401524471
Local order code	TMS160C1X36W
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6922341982774
Numerator - Packs per outer box	6
EAN/UPC - Case	6922341982774

Dimensional drawing



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