



UVC Disinfection Linear

TMS160C 1X36W TUV SLV/6 R Sensor

1 pc - 220 to 240 V - 50 Hz - Safety class I - Finger-protected -
0.2 J standard

The UV-C linear with sensor is designed for the disinfection of surfaces and is suitable for a wide range of applications. The UV-C linear 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 persons or animals should be present at the time of usage, due to high risk of harm to eyes and skin. It comes with safeguard controls using sensor monitoring, which automatically shuts down the UV-C linear should a person or animal be detected within the range of the sensor. 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 and within the sensor range.

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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 linear must be installed with adequate safeguards to ensure that the UV-C linear can be operated in a safe way. The UV-C linears 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 disinfection linears' 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 linears will protect any user from or prevent from infection and/or contamination with any harmful micro-organisms, illness or disease. The UV-C linears are not approved and/or certified as a medical device by the FDA and/or any other regulatory body. As such, UV-C linears are not intended for and must not be used to disinfect medical devices, spaces with medical devices and/or for medical purposes. 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 linears, 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 linears outside of their intended use or contrary to their installation/operation instructions.

Product data

General Information	
Number of light sources	1 pc
Beam angle of light source	- °
Number of gear units	1 unit
Gear	HFP [HF Performer]
Optic type	Lamellae louver
Luminaire light beam spread	-
Control interface	-
Connection	Flying leads/wires
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	1 years
Number of products on MCB of 16 A type B	28
Photobiological risk	Photobiological risk group 3 @ 200mm to EN62471
EU RoHS compliant	Yes

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 Hz
Inrush current	18 A
Inrush time	0.25 ms
Power Factor (Min)	0.95

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Steel
Reflector material	Aluminum
Optic material	Aluminum
Mounting device	Surface & Suspended (Asymmetric/Symmetric)
Overall length	1320 mm
Overall width	128 mm
Overall height	120 mm
Color	White and black

Approval and Application

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

UV

UV-C radiation	10.1 W
UV-C irradiance defined at 20cm	57.6 µW/cm²

Initial Performance (IEC Compliant)

Initial input power	36 W
Power consumption tolerance	+/-10%

Application Conditions

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

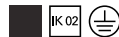
Product Data

Full product code	911401555171
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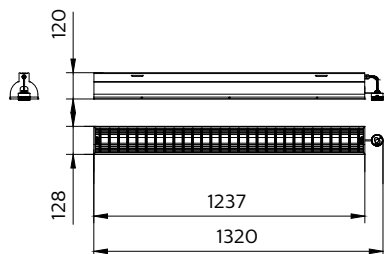
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Order product name	TMS160C 1X36W TUV SLV/6 R Sensor
Order code	911401555171
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	911401555171

Net Weight (Piece) 2.800 kg



Dimensional drawing



UVC Devices

