



UVC Disinfection Linear

TMS160C 1X36W TUV SLV/6 R Sensor

1, 36 W, 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 | | Controls and Dimming | |
|---|-----------------------------------|-------------------------------------|---|
| Number of gear units | 1 unit | Dimmable | No |
| Gear | HFP [HF Performer] | Control interface | - |
| 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 | | Mechanical and Housing | |
| Number of light sources | 1 | Housing Material | Steel |
| Beam angle of light source | - degree(s) | Reflector material | Aluminum |
| Optic type | Lamellae louver | Optic material | Aluminum |
| Luminaire light beam spread | - | Housing Color | White and black |
| | | Mounting device | Surface & Suspended (Asymmetric/ Symmetric) |
| | | Overall length | 1,320 mm |
| | | Overall width | 128 mm |
| | | Overall height | 120 mm |
| | | Dimensions (Height x Width x Depth) | 120 x 128 x 1320 mm |
| | | | |
| Operating and Electrical | | Approval and Application | |
| Input Voltage | 220 to 240 V | Ingress protection code | IP20 [Finger-protected] |
| Line Frequency | 50 Hz | Mech. impact protection code | IK02 [0.2 J standard] |
| Inrush current | 18 A | Protection class IEC | Safety class I |
| Inrush time | 0.25 ms | Photobiological risk | Photobiological risk group 3 @200mm to EN62778 |
| Power Consumption | 36 W | | |
| Power Factor (Fraction) | 0.95 | | |
| Connection | Flying leads/wires | | |
| Cable | - | | |
| Number of products on MCB of 16 A type B 28 | | | |
| | | | |
| Temperature | | UV | |
| Ambient temperature range | +10 to +40 °C | UV-C radiation | 10.1 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 |

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|-------------------------------|----------------------------------|
| Maximum dim level | Not applicable |
| Suitable for random switching | No |
| Product Data | |
| Order product name | TMS160C 1X36W TUV SLV/6 R Sensor |
| Full product name | TMS160C 1X36W TUV SLV/6 R Sensor |
| Full product code | 872016952139199 |
| Order code | 911401555171 |

| | |
|---------------------------------|---------------|
| Material Nr. (12NC) | 911401555171 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169521391 |
| Numerator - Packs per outer box | 4 |
| EAN/UPC - Case | 8720169521391 |

Dimensional drawing

