



UV-C disinfection linear with sensor

TMS031 1xTUV T8 36W HFP Sensor

1 pc - HF Performer - White RAL9010 - 36 W - 220 to 240 V

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.

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 linear must be installed together 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 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 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.

Product data

General Information		Beam angle of light source	
Number of light sources	1 pc	Number of gear units	1 unit

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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 or 60 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 RAL9010
Dimensions (Height x Width x Depth)	120 x 128 x 1320 mm (4.7 x 5 x 52 in)

Approval and Application

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

UV

UV-C radiation	6.4 W
UV-C irradiance defined at 2m	74 µW/cm²
UV-C irradiance defined at 20cm	1601 µW/cm²

Initial Performance (IEC Compliant)

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

Application Conditions

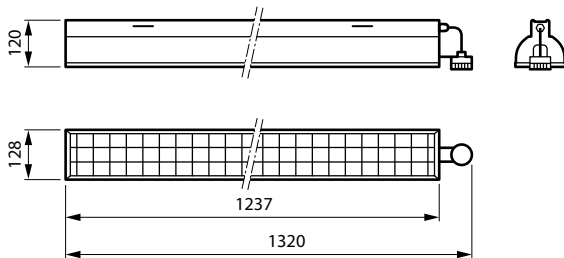
Ambient temperature range	+20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Full product code	871951452714000
Order product name	TMS031 1xTUV T8 36W HFP Sensor
EAN/UPC - Product	8719514527140
Order code	911401535081
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401535081
Net Weight (Piece)	2.400 kg



Dimensional drawing



UV-C disinfection devices

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