

Technical Information

NL-T8 UV 15W/254 G13

Revision: 1.0 - 09/2020

Supersedes: -
Status: valid

Radium TECH



RADIUM Disinfection lamp (UV-C)

These mercury low pressure lamps emit mainly short wave UV radiation (UV-C). They offer effective, chemical-free and environmentally friendly sterilisation. Attention should be paid to the position of the lamp/ system in the room and the room's size to determine the required radiation output, i.e. sterilisation rate. When persons are present, a device for indirect disinfection must be used (closed system with ventilation), where the air to be treated streams through. Attention: Operation in suitable devices only. Please, note installation instructions. Warning: UV radiation can injure skin and eyes!

Article No.
EAN

34319270
4008597192708

Electrical data

Rated power	15 W
Mains Voltage	220 – 240 V
Lamp Current	310 mA

Spectral data

Peak wavelength	253,7 nm
UV power	5,1W; 7,8W/m ² @ 200mm
Generates ozone	no

Operating conditions

Burning position	any
Ambient temperature	+15 ... +50 °C
Cooling	not necessary
Power supply	CCG, ECG

Lifespan

Recommended service life ¹⁾	10.800 h
Radiation flux at service life end	>70%

¹⁾ Change lamp then due to UV-radiation getting too low.

Specifications

Overall length	436,2 ± 1,8 mm
Radiant length	354 mm
Tube diameter	25,5 ± 0,5 mm
Base	G13
Mercury content	2,5 mg

Applications

- Air treatment in offices, waiting or other highly frequented areas, inactivation of
 - bacteria
 - viruses
 - other germs, pathogens (spores, algae etc.)
- Water treatment

Advice

Attention: NL-T8 UV-C emit short-wave UV radiation. The radiation can cause corneal inflammation and / or conjunctivitis of the eye, as well as damage to the skin. IN ORDER TO PREVENT HEALTH DAMAGE CAUSED BY RADIATION (injuries, burns, illnesses), ANY CONTACT WITH RADIATION direct or indirect (via reflections) MUST BE AVOIDED. NL-T8 UV-C lamps are only to be used in devices designed for this purpose. The safety instructions of the device manufacturer must be observed. Under no circumstances should this lamp be used for general lighting. The product contains mercury. If the lamp breaks, follow the appropriate rules of conduct and dispose of it properly after use.

UV-C RISK GROUP 3



WARNING UV-C emitted from this product.
Avoid eye and skin exposure to unshielded product.
Follow installation instructions and user manual.

