INNUVATION by UEBERALL

made in Germany

Technical Specification UEB1421

UEB1421:
This electronic ballast UEB1421 is compatible with UV lamps, energy saving, stable operation, strong resistance to grid voltage fluctuations, constant current output, no flicker, so that the light source works in the best condition and prolongs the life of the UV lamps.

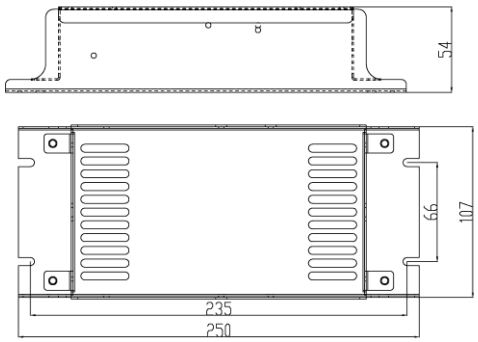
Technical data

- Input Voltage (AC): 220 to 240 V
- Operating range (AC): 160 to 264 V
- Input Current: 0.9 to 1.1 A
- Input Frequency: 50 to 60 Hz
- Power Factor: >0.98
- T-Shell (Max): 70 °C
- T-Ambient (Min): -10 °C
- T-Ambient (Max): 50 °C
- Dimension: 250x107x55 mm
- Weight: 1.08 kg
- Reference Norms: EN61347-2-12， EN61000-3-2

Technical data of UV Lamp

- Input Power: 200 to 220 W
- Lamp Current： 1.9 to 2.2 A
- Conversion power: >92%
- Operating Frequency: 25-50 kHz
- Starting Voltage: > 1.2 kVp
- Cable Length (Max): 10 m
- Preheating Time: 12-28s

Dimensional Drawing



Usage Method

- Installation:

  The electronic ballast can be installed in the lamp or electrical control panel in a horizontal or vertical direction. The bottom surface of the electronic ballast is fastened to the wall of the metal control panel with screws, if it is a non-metallic electrical box, pay attention to leave enough space and heat dissipation slots that are conducive to air convection.

  If you use recessed lamps or sealed electrical control panel, the upper space of the ballast should be greater than 150mm and cannot be covered by other decorations, so as to avoid excessive temperature rise and reduce service life.

- Connection:

  The crimp connection terminal of this electronic ballast can use a wire cross-sectional area of 0.75-1.5mm², which is connected to the power supply and light source as shown in the figure. If the input and output terminals are incorrectly connected, it may be destroyed electronic ballast.

