

# INUI-UVC-PROFILE 300

UVC is one of three types of UV light that has a short energetic wavelength, UVC is between 200-280 nanometres (nm). Over a hundred years ago scientists discovered the ability of UVC to kill microorganisms by destroying their genetic material and it has since been used regularly in hospitals, offices, airlines and the sanitisation of drinking water.

Our specialist design team have work closely with us to offer a market leading solution that will completely sanitise a number of given applications to 99.99% in a given time dependent on distance.

## Product Features

- Streamline design classic aesthetics;
- Ultra-slim sleek design, stylish and classic;
- Heat sink integrated on the Board;
- Pure copper structure for heat dissipation, professional optical design;
- Luminous efficiency is increased by our specially designed UVC Chip

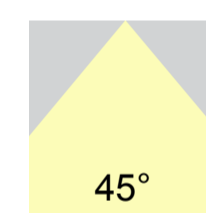


## MODEL NO: UVC-PROFILE 300

LED QTY: 6PCS (SL 3535)

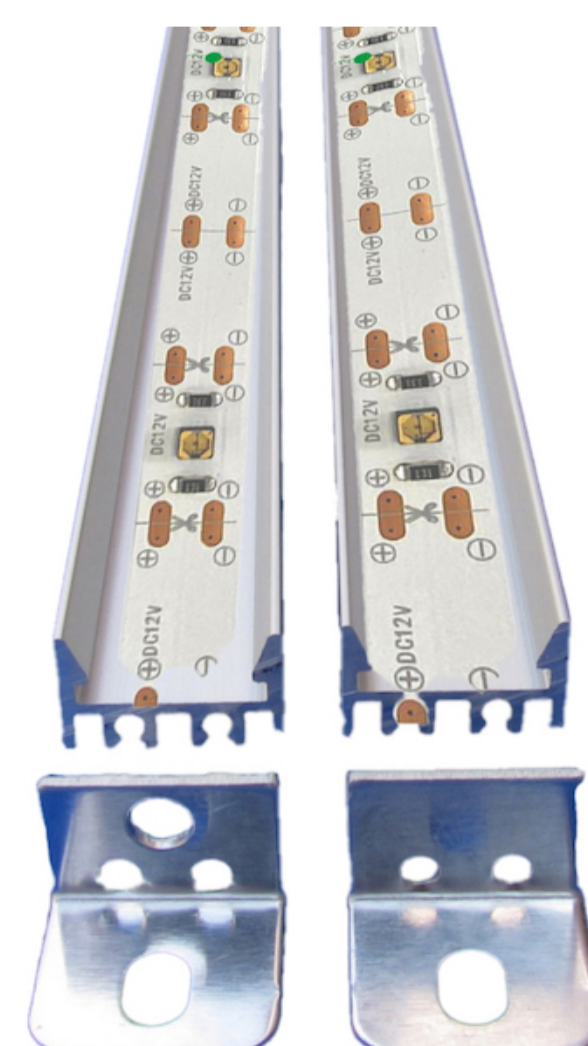


Packing Type: 1 unit(s)/ctn Packing Dimension: L300 x W14.8 x H9.2mm NW: ≈ 200g GW: ≈ 150g 1 unit



LED By: SL-3535-UVC 275nm

Powered By:12v DC



Protection grade reaches IP20 ONLY



Working Temperature: -40-50°C

Working Humidity: 10%~95%RH

Best Working Temperature: -20 C ~+30°C

Storage Temperature: -40 C ~+80 C

# 01

## HEAT SINK INTEGRATED

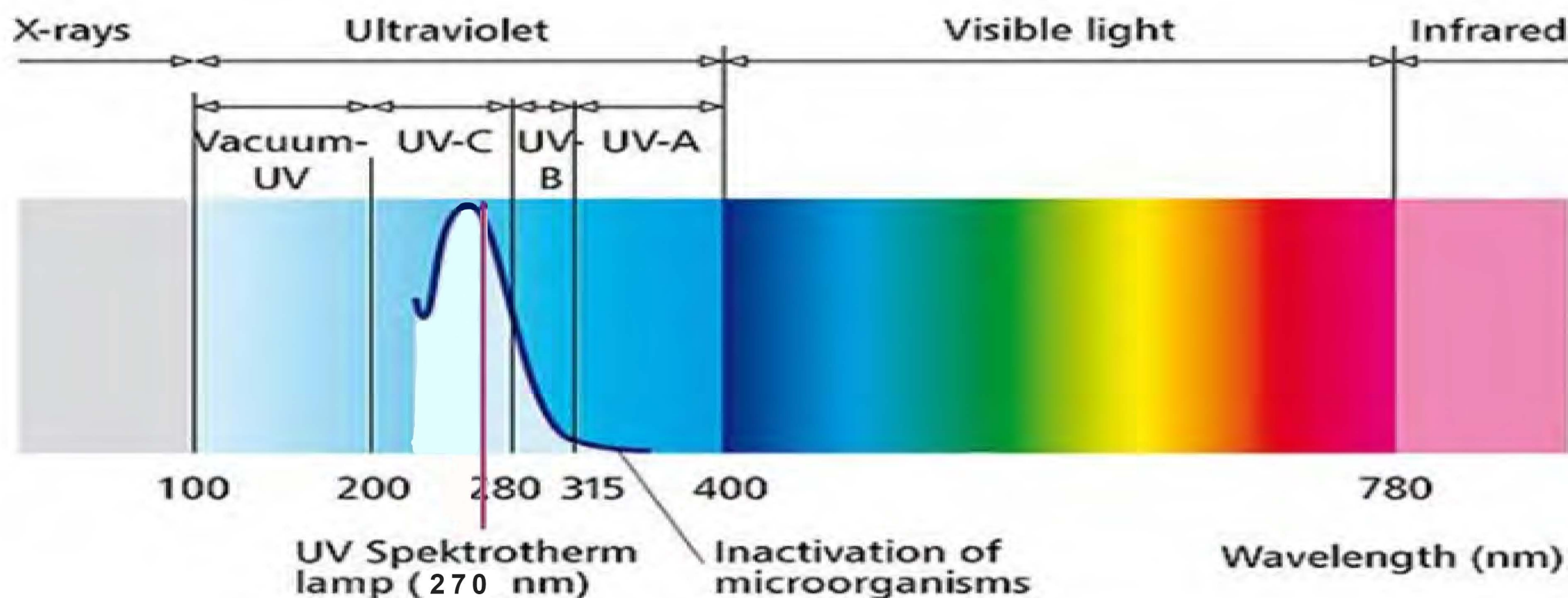
High copper purity for the Chip Board giving it the Aluminium heat sink integrated properties

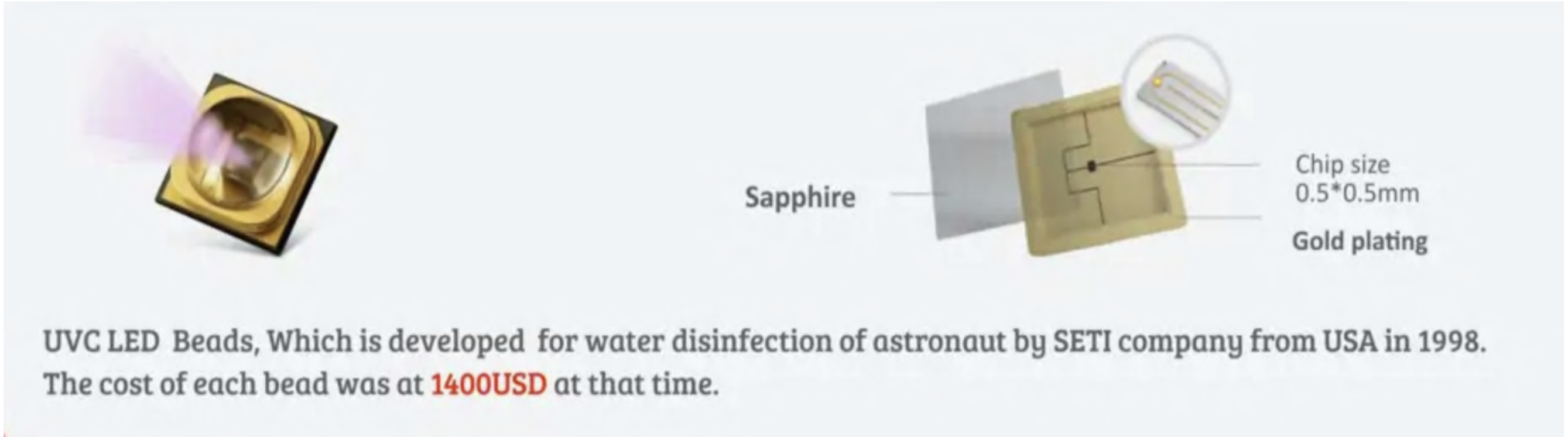
(Note: only as illustrated below, with a series of contrast principle is the same)

# 02

## DESIGN INNOVATION, EFFECTIVE PROTECTION

Innovative IC on-board voltage control regulation makes for simple connection to a 12v DC supply if the power supply is not required.





SIZE (mm)

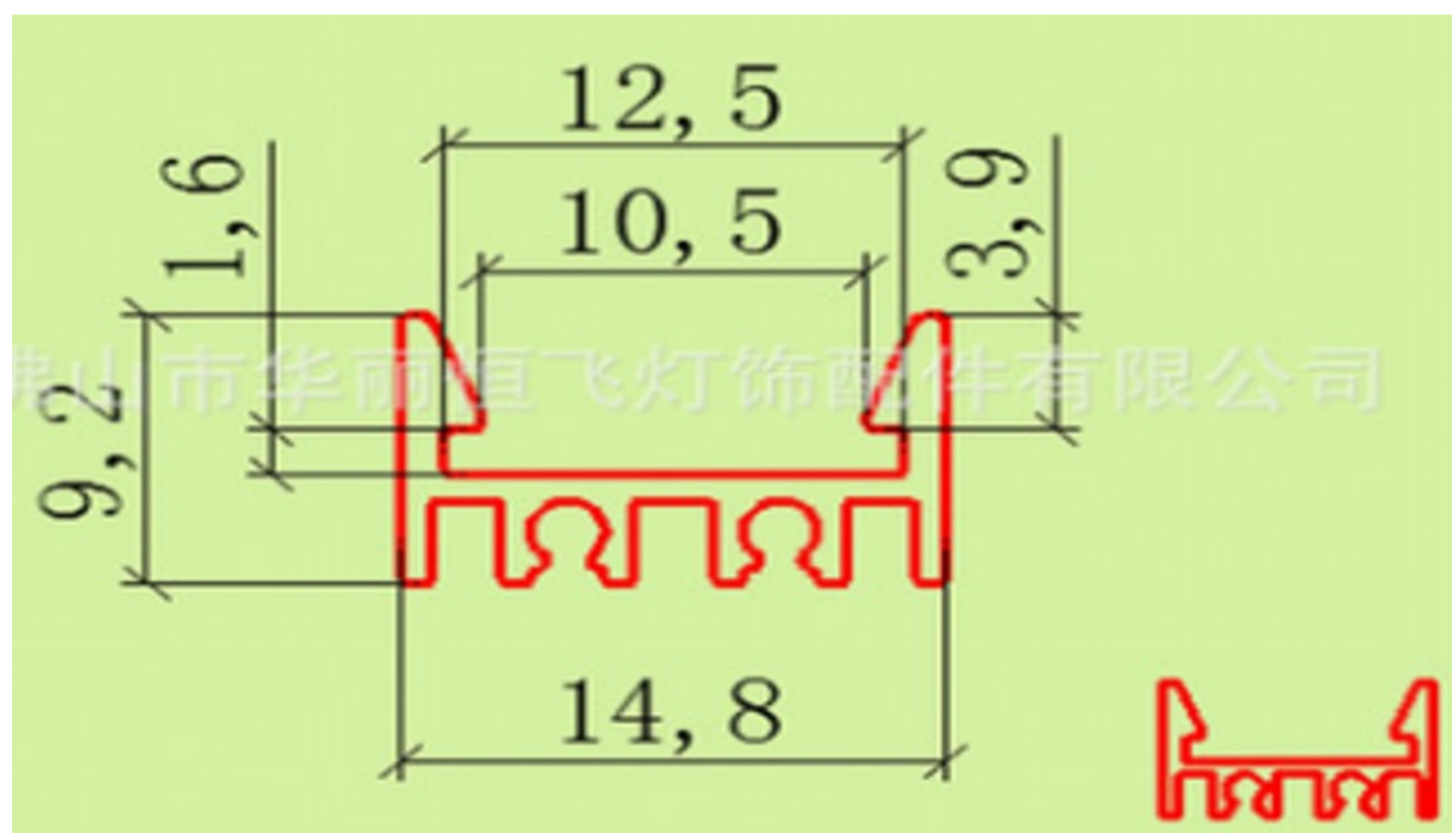


Fig 8. Typical Spatial Distribution,  $I_f=150\text{mA}$

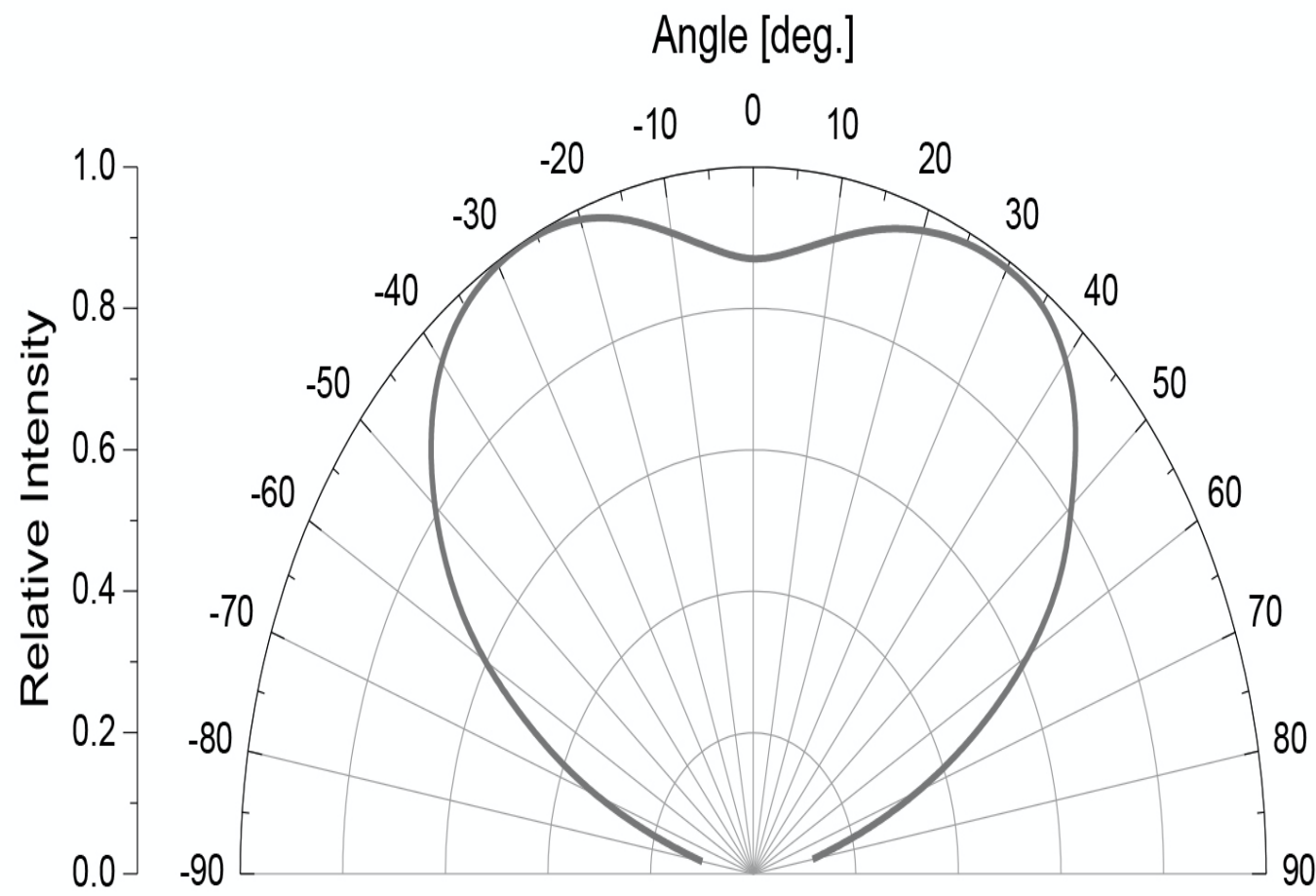
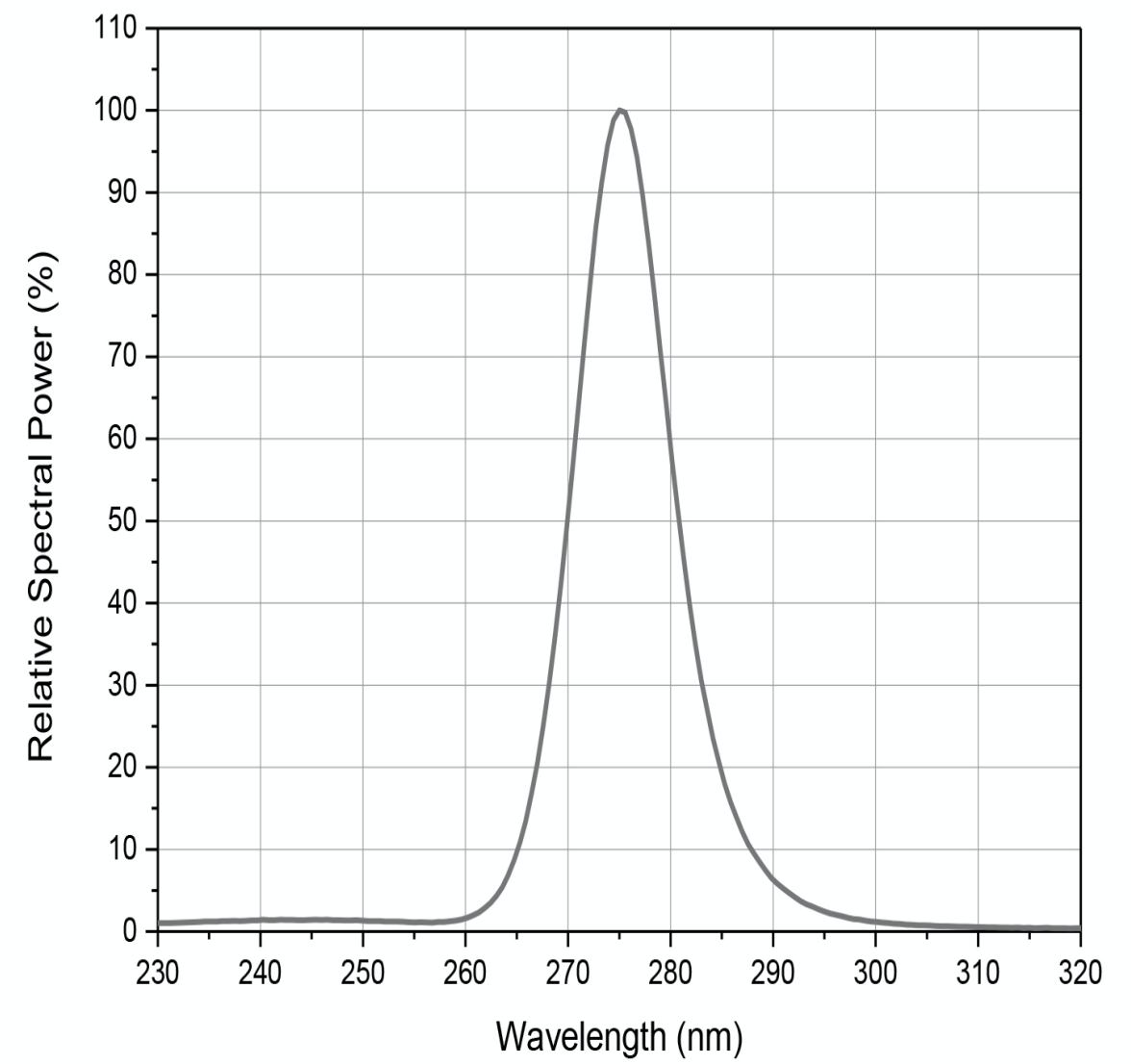


Fig 1. Spectrum,  $T_a=25^\circ\text{C}$ ,  $I_f=150\text{mA}$

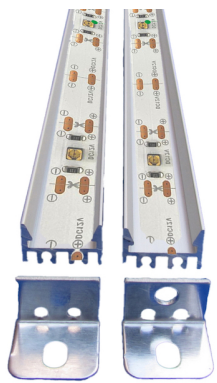


UVC-PROFILE

LED CHIP MODEL

POWER

Light source



SL-3535

4W (13.34w/m)



## LED-UVC Professional Sterilisation Technology

**99.9%**

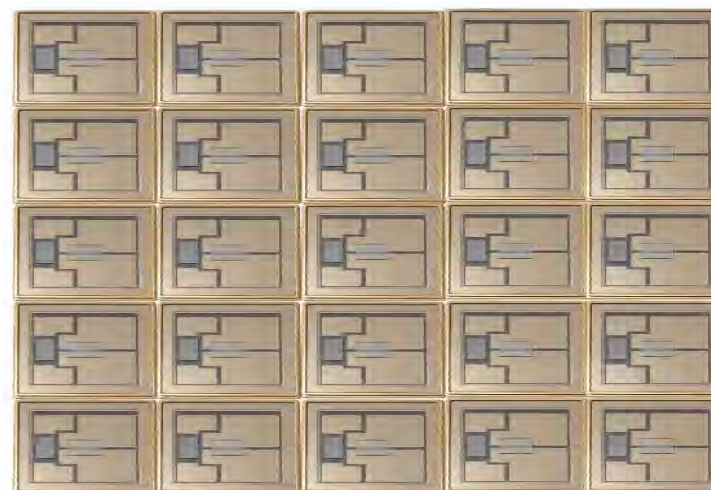
99.9% Sterilization Rate,  
Kill all bacteria instantly

**360°**

More comprehensive sterilisation,  
all-round professional Disinfection  
technology

**100000 hrs**

One bead can be used for 100,000  
hours, Longer life



**Weigh Only 1g**

Chip technology processing, 8000 chips weigh  
only 1g, smaller size, easier to produce products  
with more shapes

**Less Power Consumption**

Energy consumption is only 1% -5% of mercury lamp

**Better Performance**

50 seconds of traditional mercury lamp disinfection  
efficiency, higher unit area disinfection power ratio