

INUI-UVC-FLD400

INUI are introducing an exciting new range of LED UVC Sterilisation products that are ideal for domestic and travel use.

UVC (along with UVA and UVB) is one of three types of UV light that has a short energetic wavelength of 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 products must be used as per instructions to avoid harmful UVC exposure. All our Flood Lights have CE certification and come complete with full safety instructions.

Product Features

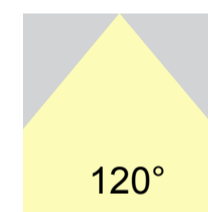
Streamline design classic aesthetics;
 Ultra-slim sleek design, stylish and classic;
 Reflector and heat sink integrated;
 Pure aluminum structure for heat dissipation, professional optical design;
 Luminous efficiency is increased by 50%.



MODEL NO: UVC-FLD400 (400W)


LED QTY: 480 PCS(SL 3838)

Packing Type: 1 unit(s)/ctn
 Packing Dimension: 58 x 53 x 7cm
 NW: ≈ 12.9kg
 GW: ≈ 14.75kg 1 unit(s)/ctn



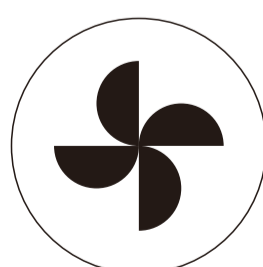
120°

LED By: SL-3838-UVC 275nm

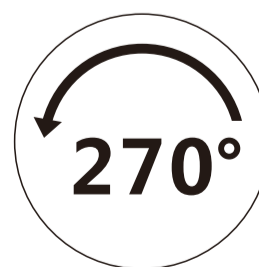
Powered By: 



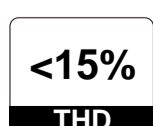
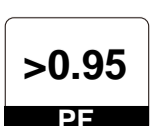
Protection grade reaches Ip65



Anti-Level-17 hurricane



Adjustable 270 ° Angle



Working Temperature: -40-50°C

Working Humidity: 10%~95%RH

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

Storage Temperature: -40 C ~+80 C

01

REFLECTOR AND HEAT SINK INTEGRATED

Large size aluminum PCB fit aluminum die cast housing, reflector and heat sink integrated

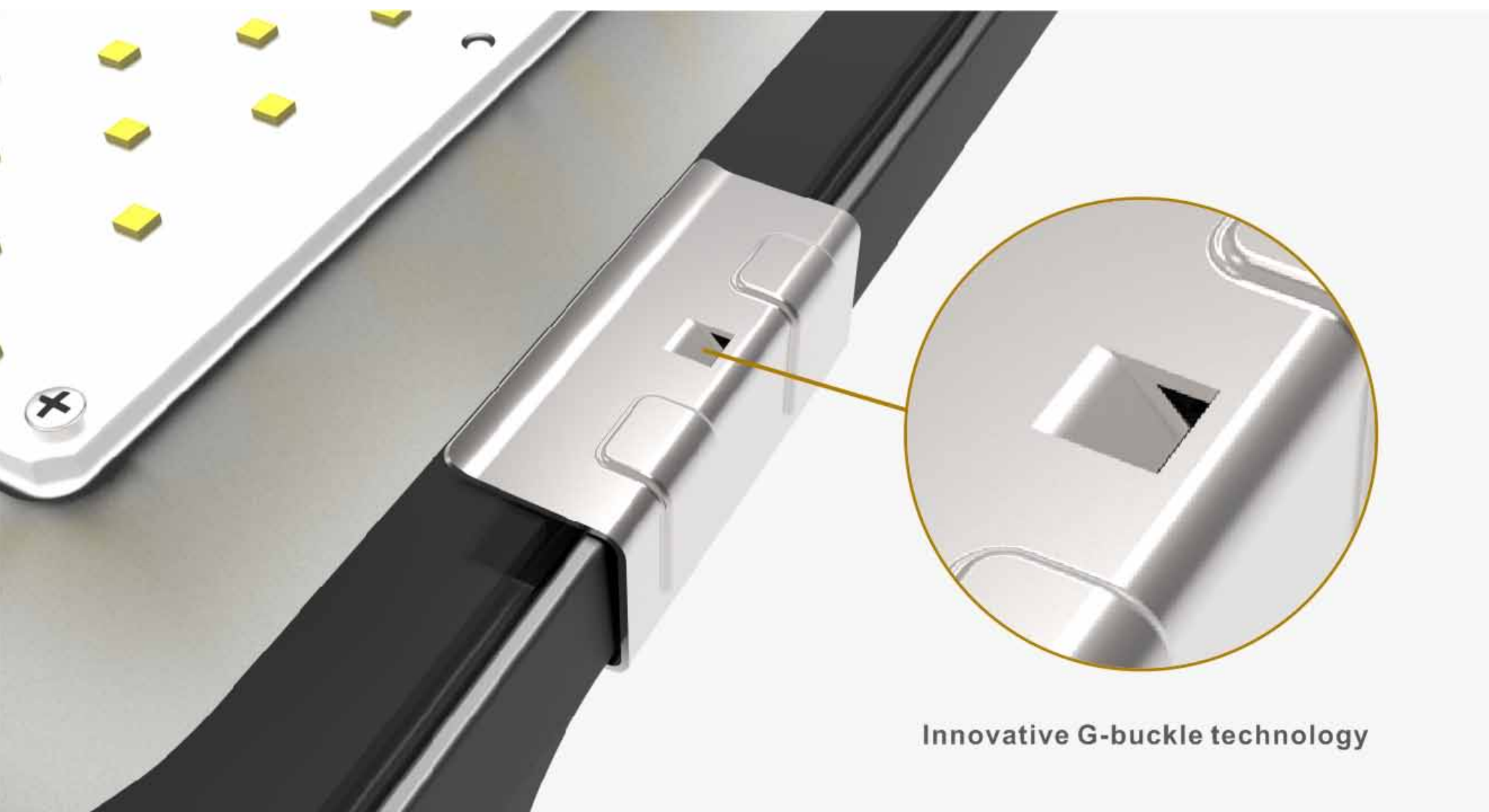
(Note: only as illustrated below, with a series of contrast principle is the same)



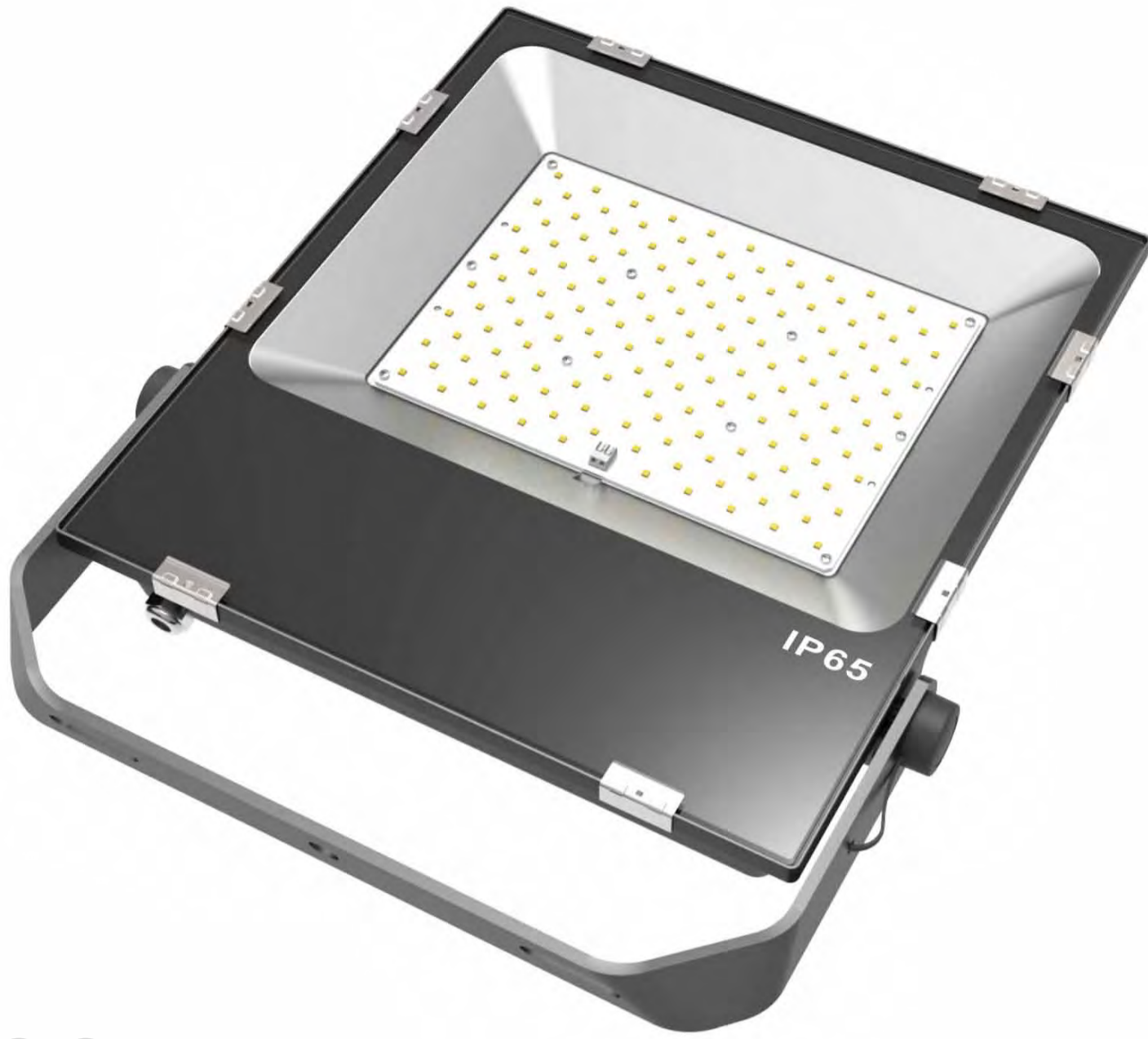
02

DESIGN INNOVATION, EFFECTIVE PROTECTION

Innovative G-buckle technology, prevent glass off, free of screw fixing, elegant appearance, easy for assembling



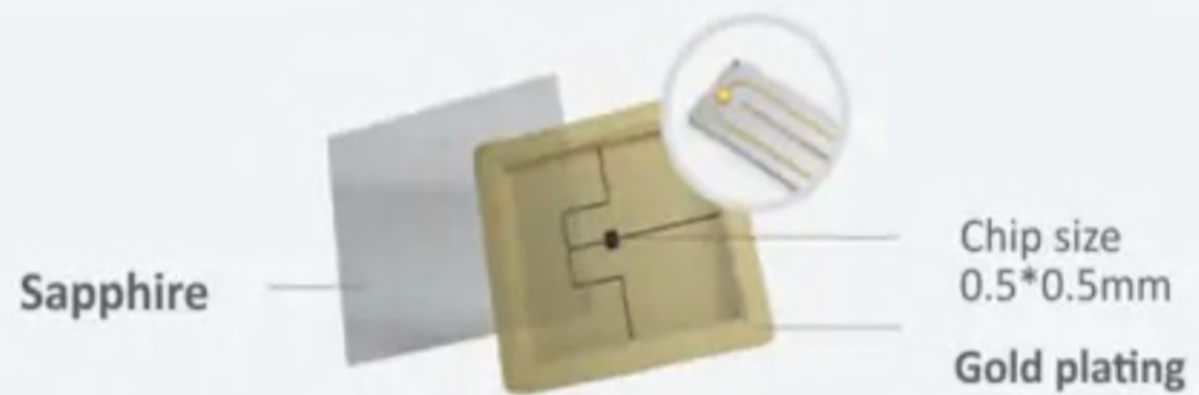
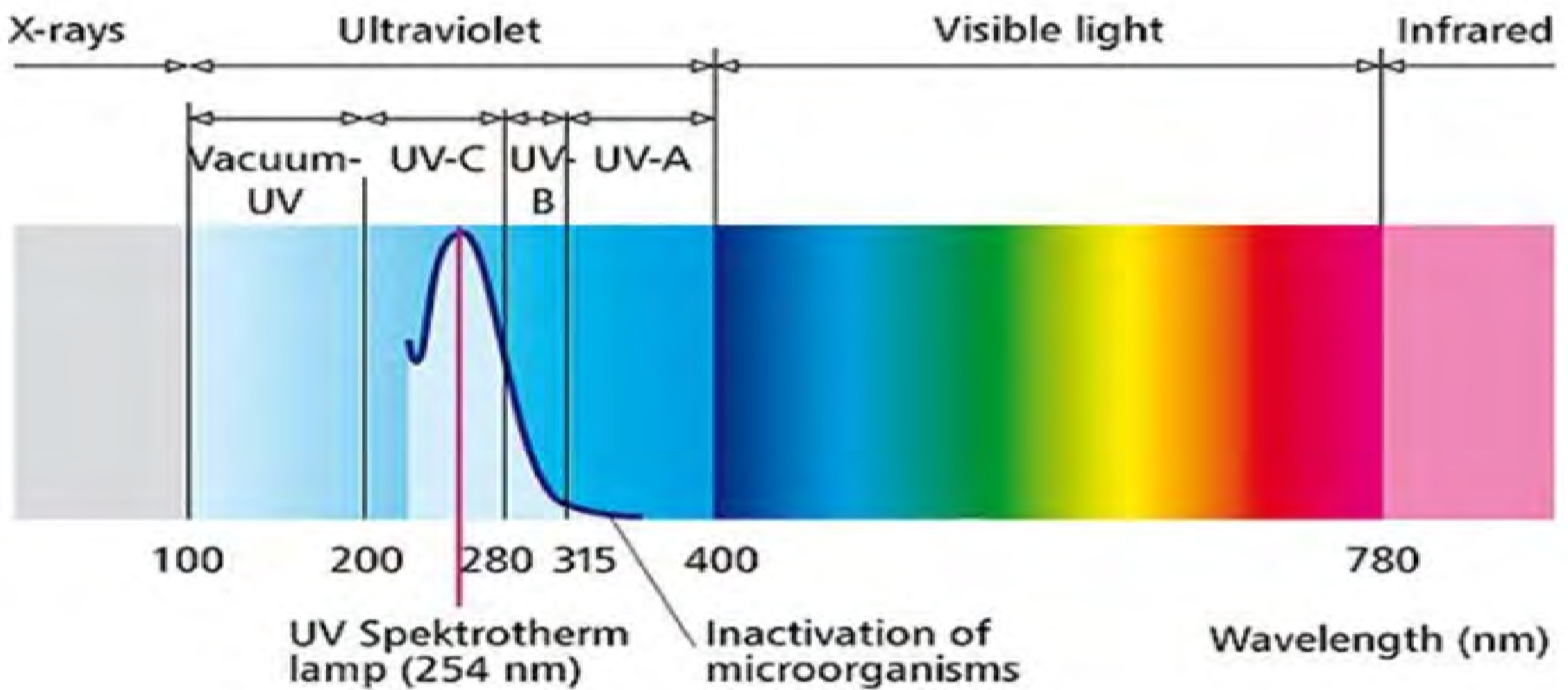
Innovative G-buckle technology



03 PROFESSIONAL LIGHT DISTRIBUTION AND LIGHT EFFICIENCY INCREASED BY 50%

The same condition, TG3A project-light lamp series by professional optical design, compared to traditional cast light lighting effect can be improved 50%

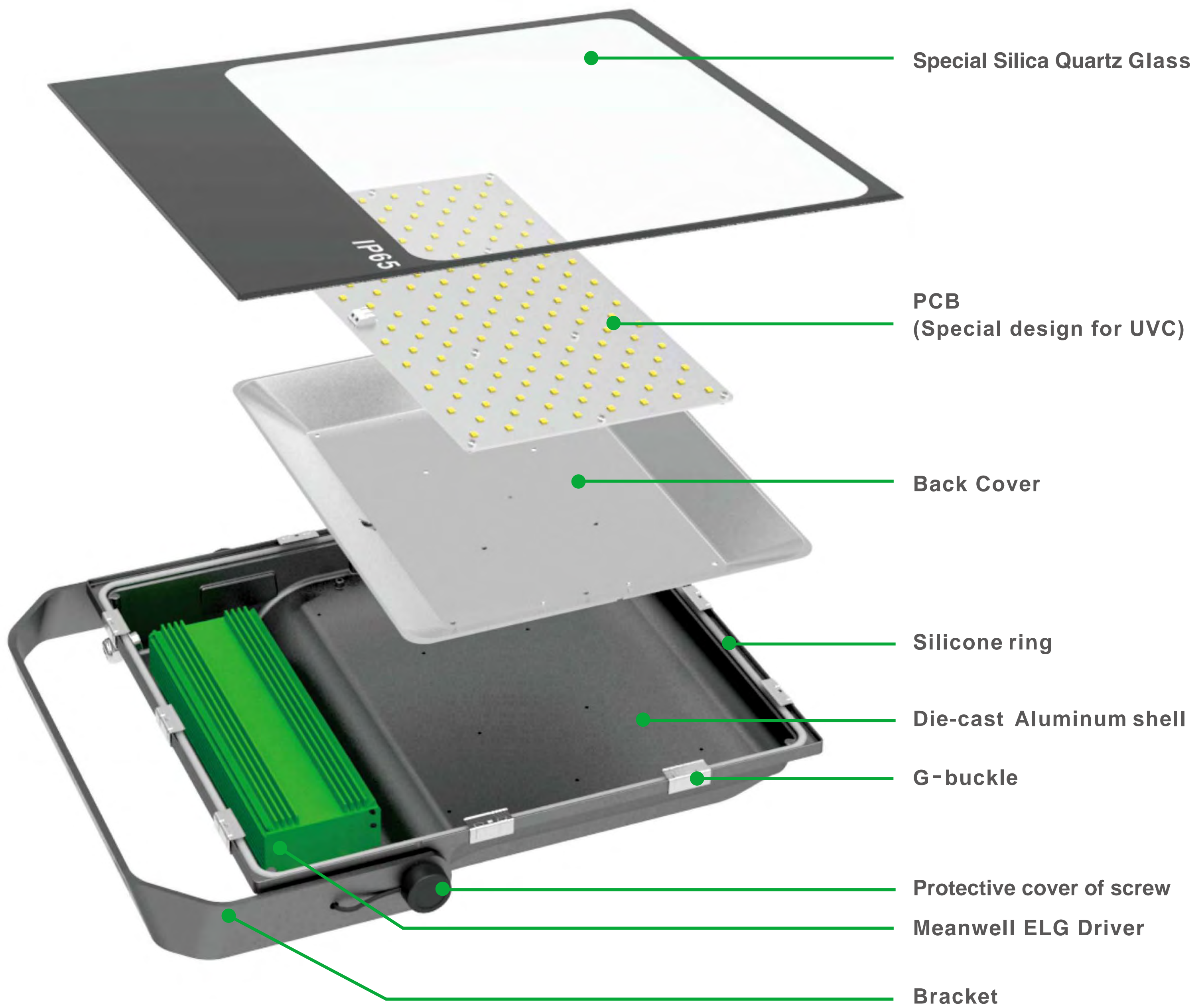
(Note: only as illustrated below, with a series of contrast principle is the same)



UVC LED Beads, Which is developed for water disinfection of astronaut by SETI company from USA in 1998. The cost of each bead was at **1400USD** at that time.

TYPICAL APPLICATION PLACES

Widely used in Hospitals, Airports, Warehouses, Workshops, Offices, Shopping Centre, Exhibition hall, Gymnasium



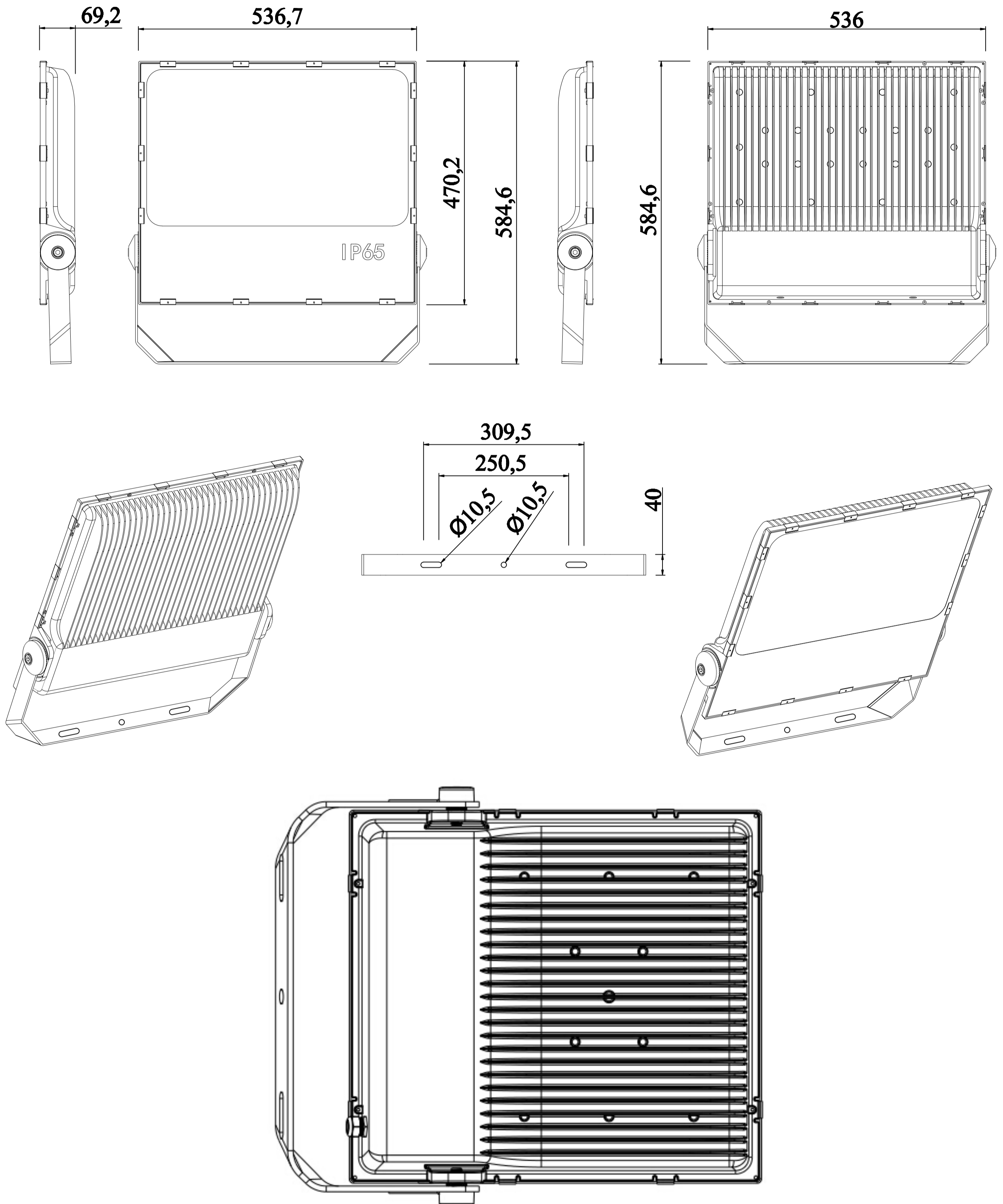


Fig 8. Typical Spatial Distribution, $I_f=150\text{mA}$

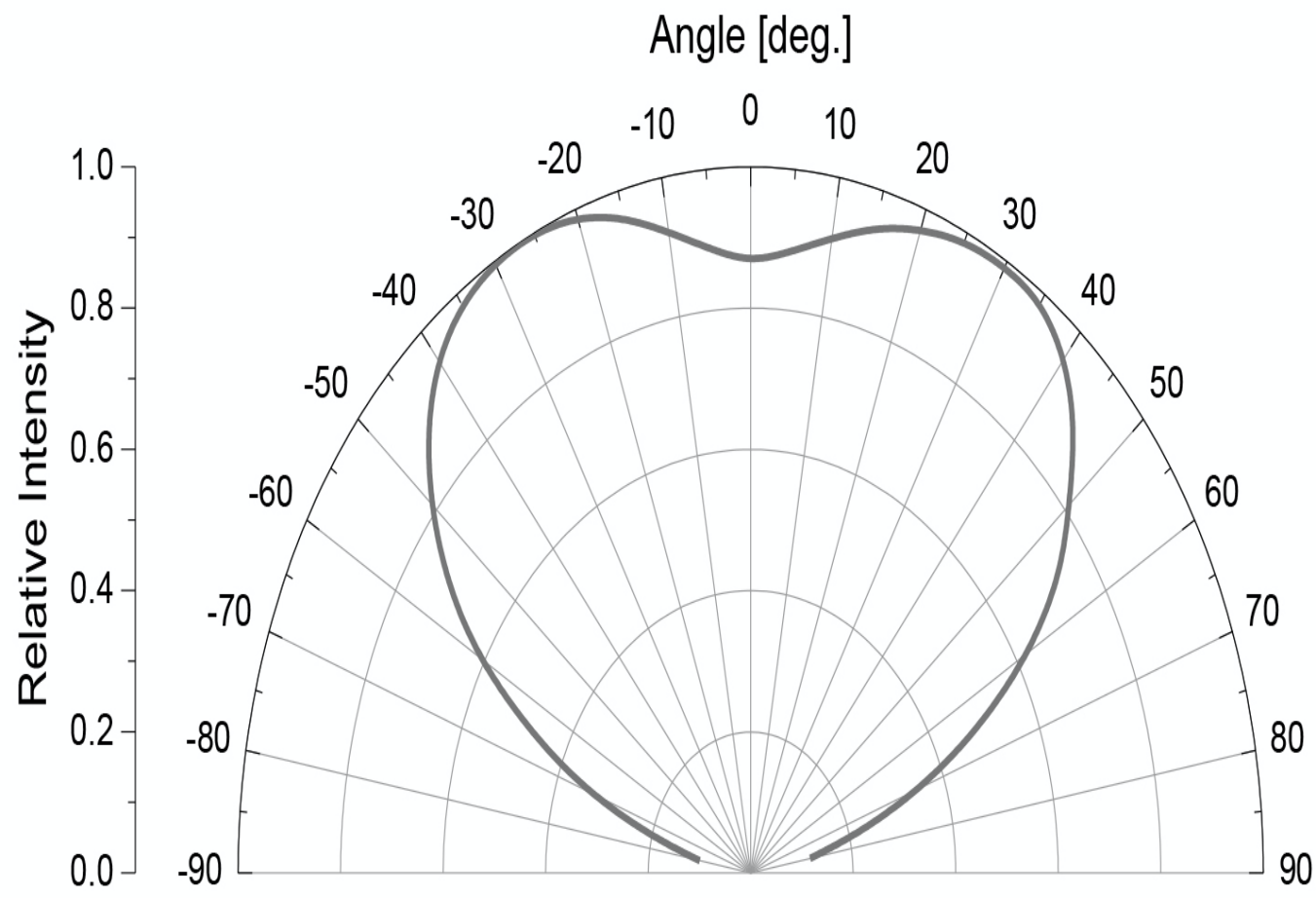
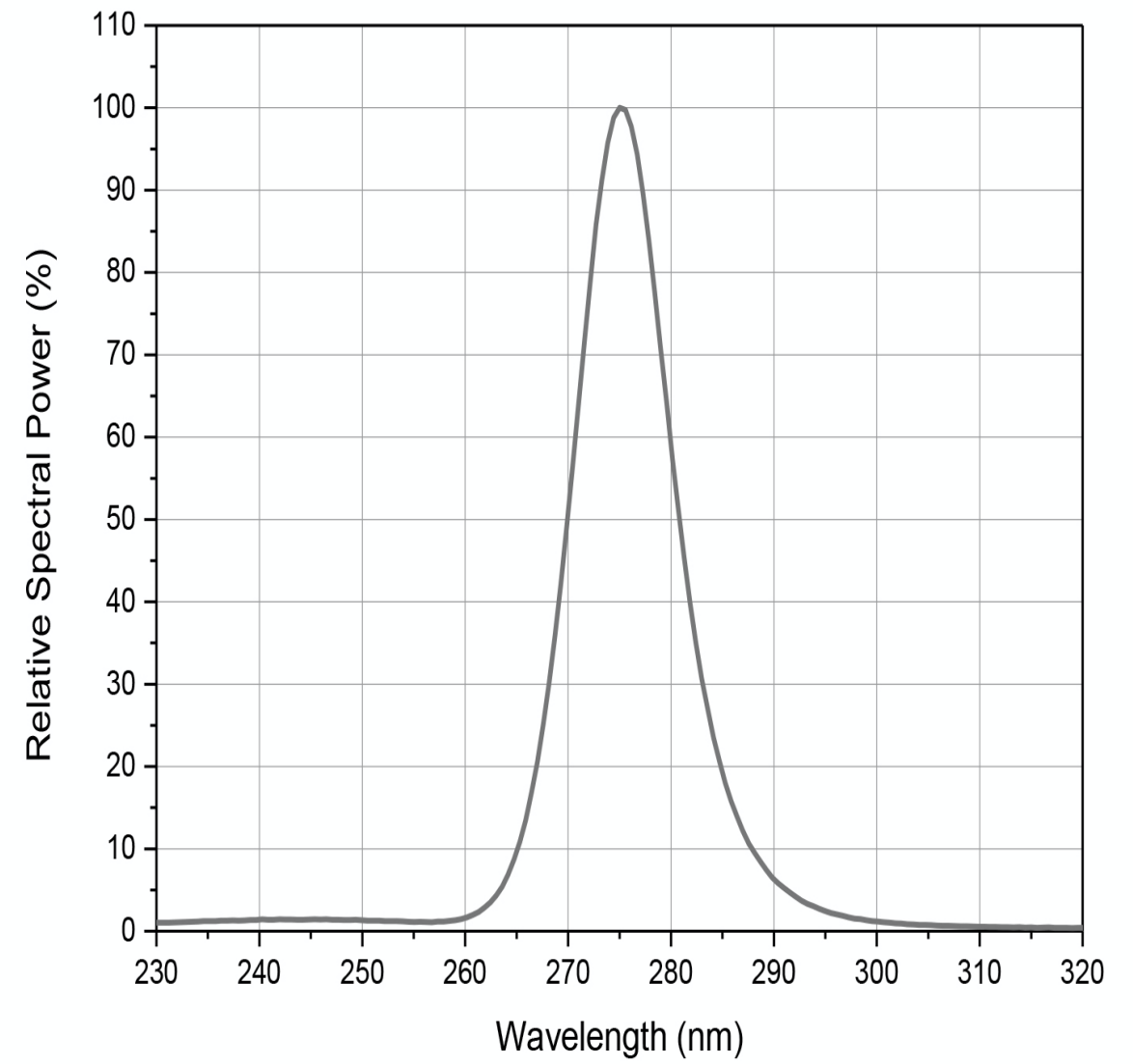


Fig 1. Spectrum, $T_a=25^\circ\text{C}$, $I_f=150\text{mA}$



UVC-FLD400

LED CHIP MODEL

POWER

Light source



SL-3838

400W



X 450

LED-UVC Professional Sterilisation Technology

99.9%

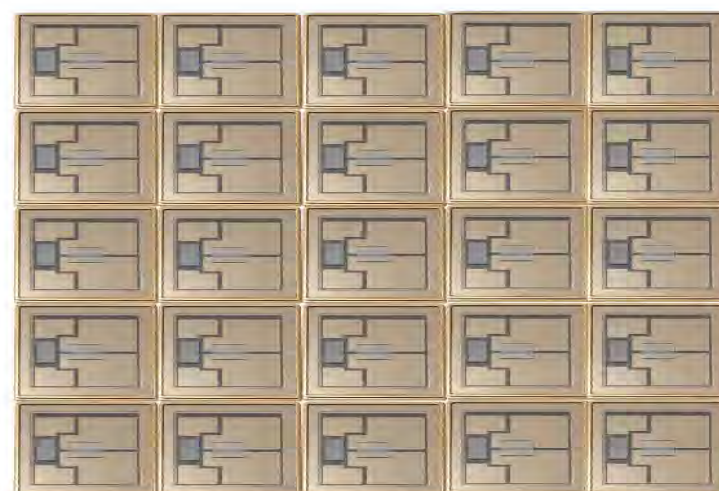
99.9% Sterilization Rate,
Kill all bacteria instantly

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