



Operation Manual
LED UV BULB
AUB-150

General Information

The purpose of the safety instructions is to protect the user, prevent damage to the device and allow trouble-free operation. Read through these safety instructions carefully before the first use of the instrument

Important Safety Instructions

- Avoid viewing directly towards UVA Led's when they are ON.
- The use of safety goggles is strongly recommended
- The product should not be used by any person who is not familiar with the operating instructions
- Never use this equipment in any manner not specified in this instructions' manual

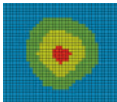
Features

- Replaces conventional mercury vapour lamps
- Long lasting LED's (40000 hrs) life
- Less fragile to convention mercury vapor HID bulb
- Instant ON/OFF, no warm-up time for fully intensity
- Cooler than mercury vapor HID bulb with active cooling
- Comes with UV-A filter for blocking white light from UV LED's
- Meets ASTM E3022-18 UVA intensity & wavelength specification for MPI & FPI

Technical Specifications

- 3 UV-A LED
- Wavelength (Peak): 365 nm ±5 nm
- Constant Intensity of 6,000 pw/cm2 at a distance of 15" (38cm)
- White Light Emission is 5. 10 Lux (0.92 fc)
- Beam coverage area 0200 mm
- Power Requirement: AC Mains 100V - 264V, 50-60Hz
- Housing :ABS Plastic
- Dimensions: 15cm x012cm
- Weight: 0.4Kg

Beam Irradiance Profile



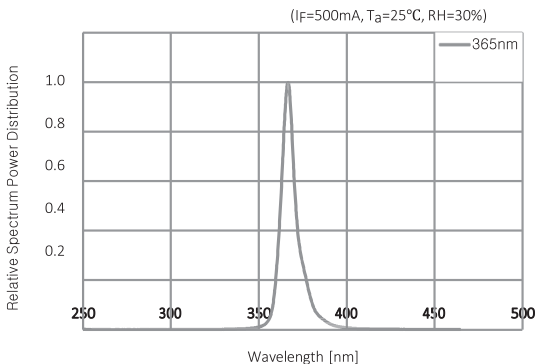
Scale 0.5"x0.5"

3 - LED Array at 15"



- | | |
|---------------------------|------------------------------|
| • Blue <200 μW/cm² | • Yellow >1000 - 5000 μW/cm² |
| • Green 200 - 1000 μW/cm² | • Red >5000 - 10000 μW/cm² |
| | • White > 10000 μW/cm² |

Spectral Emission Plot



Operation

- The bulb comprises with E27 Connector which can be fitted to any regular UV Bulb casing with E27 spiral/Edison socket) or to direct E27 socket.
- It does works on direct AC Mains supply of 100 - 264 V, 50 -60 Hz.

Caution

- Liquids and caustic substances damage to the unit
- Never immerse the unit in water or clean it under running water

Cleaning and Storage

- Periodically wipe the case and filter glass with a damp cloth
- Store the unit in a dry room which is as free from dust and humidity

Product Warranty

- The UV Bulb are warranted for a period of 12 months from the date of sale
- The warranty is void if the equipment is used in a non-professional manner, resulting in damage or if repairs are carried out without the suppliers' consent or the warranty seal is broken.

Thank you for your business!

WE trust, we have catered as per your expectations...

ARORA

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Specifications subject to change without notice.