



Operation Manual
AUL Series LED UV Lamps
AUL-(100/100D/125/150)
AUL-(100/100D/125/150)AC

General Information:

The purpose of the safety instruction is to protect you, prevent damage to the device and allow trouble-free operation. Read thoroughly these safety instructions carefully before the first time use of the instruments.

Important Safety Instructions:

- The use of UV protection goggles is strongly recommended.
- Avoid viewing directly towards UVA Led's when they are ON.
- The handheld UV lamp is not to be used by children or anyone who is not familiar with the operating instructions.
- Never use this equipment in any manner not specified in these instructions

Operation:**For internal battery Model:**

- The use of UV protection goggles is strongly recommended.
- Charge the unit completely before using it for the first time.
- For AUL-100, AUL-125 or AUL-150 press the power switch to turn the unit "ON" or "OFF".
- For AUL-100D press the power switch for switching from UV to White light.
- Lamp should be charged by using AC/DC adapter provided with the unit.

For AC Model:

- Connect the lamp directly to mains power supply using supplied power adapter.
- Press the power switch as per model to turn on the UV LED's or White LED's.

Battery Charging Instructions:

- Connect the AC/DC adapter to the lamp directly in internal battery model. Plug the other side of the AC/DC adapter into the mains power.
- The charging indicator on the AC/DC adapter will turn "RED" indicating charging is in progress, once the battery is fully charged the charging Indicator will turn "GREEN".
- Battery charging time is approximately 2.5-3 hours.
- Charge the Internal battery every month regardless of lamp's use.

Description of control:



Internal Battery



Caution:

- Never point the Lamp in the eyes when it is in ON condition.
- Do not spray on the lamp or AC/DC adapter or external battery pack and Never immerse the any part of the unit in liquid.

Cleaning and Storage:

- Once in a week wipe the Lamp case with a damp cloth.
- Store the Unit in the carrying case properly and in a dry room which is free from dust and humidity.

Product Warranty:

The UV lamp is warranted for a period of 12 months and Battery pack is warranted for 6 months from the date of purchase. The warranty will void if the equipment is not used as per the operating instructions, resulting in damage or if repairs are carried out without the Manufacturer's consent.

Troubleshooting:

Problem	Possible Reason	Possible Solution
Lamp does not turn on	Battery discharge or no power	<ol style="list-style-type: none">1. Charge the lamp (with in built batteries) or external battery pack.2. Check the AC/DC adapter is properly connected to power supply.3. For AC model, check if the lamp is properly connected to power supply.
	Damaged AC/DC adapter or cable from AC/DC adapter to lamp or power switch	Contact to ATPL Customer Support Team
Drop in a UV-A intensity	Filter is dirty	Clean the filter with damp cloth
	LED or Lens are damaged	Contact to ATPL Customer Support Team
White Light Emission in UV mode > 2 ft-candle or 20 lux	Filter or LED's are damaged	Contact to ATPL Customer Support Team
	During measurement of white light emission, there is possibility of light coming from any other source rather than UV Lamp	Use proper dark room (no light from outside source)
	Uncalibrated light meter	Use proper visible light meter calibrated as per ASTM E2297 to meet International / National standards.

Certification of Conformance

Certifies Performance of UV LED Light to ASTM E3022-18

Customer Name :

Certificate no. :

Model No. :

Serial No.:

Calibration Date :

Next Calibration Due:

We certify that the product mentioned above was subjected to quality inspection and testing procedures as mentioned in International Standards

Property:	Criteria:	Unit test Results:
Max. Irradiance ($\mu\text{W}/\text{cm}^2$)	>1000	
Min. Working Distance (inches)	-	
Max. lamp Housing temperature ($^{\circ}\text{C}$)	-	
Peak Wavelength	365nm \pm 5nm	365 nm
Visible Light	<20 lux	
Battery discharge time	-	

Notes:

- Performance as per standard specification limits is subjected to use of product in nominal conditions and routine maintenance.
- Source life value is typical and does not represent a guarantee of performance or operation in any possible condition or environment.
- Stabilization time is 5 minutes.
- Properties are measured from a distance of 15" or 38 cm.

Instruments Used:

- UV Light Meter: Spectronics XR-1000
- IR Thermometer: Fluke-59 MAX ESP

Checked By:

(Quality Assurance Representative)



Thank you for your business!

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

ARORA

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