

AUL-225 LED UV Lamp



We manufacture highest quality of LED UV Products in accordance with international standards ASTM E3022. The AUL-225 of LED UV Lamp is considered to be the benchmark in the NDT Industry.

This lamp is lightweight, rugged, and cost-effective, making it an ideal solution for fluorescent inspection.

Salient Features:

- Ergonomically Designed Robust Aluminium Housing
- Instant ON/OFF, No Warm-Up Time For Full Intensity
- Long Lasting LED's (40,000 Hrs.) Life
- Even Beam Profile Without Hotspots
- UV-A Pass Filter
- Rechargeable Li-Ion Battery*
- Switchable between UV & White Light
- Mechanical Passive Cooling System
- Fully protected against dust ingress and resistant to low-pressure water jets from any direction, ensuring reliable operation in harsh industrial environments.

* Not Applicable for AC models

Kit Contains:

- LED UV lamp
- Neck strap
- Protective UV goggles with pouch
- Adapter
- Operation manual & certificate of conformity
- Soft carry case

Order Part No.:

- AUL-225 AC: LED UV Lamp (4 UV-A LED + 1 White LED) with AC Mains
- AUL-225: LED UV Lamp (4 UV-A LED + 1 White LED) with Internal Battery

Technical Specifications:

Light Source	: 4UV-A LED+1 White LED
Max UV-A Intensity with filter at a distance of 38cm(15")	: 8000 $\mu\text{W}/\text{cm}^2 \pm 5\%$
White Light Emission in UV mode	: <10 Lux (0.92 fc)
Wavelength (Peak)	: 365 nm \pm 5 nm
Max Beam Coverage Area	: $\varnothing 225\text{mm}$ ($\varnothing 9"$)
Power Requirement	: 100V - 240V, 50-60Hz
Battery Run Time	: 3 to 4 Hours
Battery Charge Time	: 3 to 3.5 Hours
Housing Material	: Powder Coated Aluminium
Housing Dimension(LXWxH)	: 168mm x 119mm x 212mm
Approximate Weight	
• (Battery Model)	: 1.05 Kg (2.31lbs)
• (AC Mains)	: 850 gm (1.87lbs)
Power Rating	: 8 watt
IP Rating Compliance	: 65
Standard Warranty	: 12 Months

Beam Irradiance Pattern & Profile:

- Red > 1000 - 5000 $\mu\text{W}/\text{cm}^2$
- Yellow 200 - 1000 $\mu\text{W}/\text{cm}^2$
- Green 200 - 1000 $\mu\text{W}/\text{cm}^2$
- Blue <200 $\mu\text{W}/\text{cm}^2$



4 - LED Array at 15°



AUL 225

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