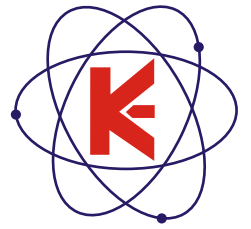


K-ELECTRONICS

UV LIGHT

Ultraviolet Lamp Series



The KE UV lamp Series is engineered to deliver powerful, stable, and durable ultraviolet illumination for Non-Destructive Testing (NDT). Designed for both heavy-duty shop floor inspections and lightweight portable field use, these lamps provide accurate detection of surface and subsurface defects in welding, casting, forging, aerospace, and automotive applications.

PRODUCT RANGE

- PLK-LED Flood Ultraviolet Lamp – High-intensity UV lamp for continuous industrial inspections.
- PLK-LED HL Ultraviolet Hand Lamp – Compact and portable UV lamp for field and spot inspections.

KEY FEATURES

- High UV intensity for precise defect detection
- Energy-efficient LED technology
- Durable aluminium or cast-aluminium body
- Portable and easy to handle
- Instant operation with stable power supply
- Low maintenance, long-lasting LED performance
- Suitable for both workshop and field NDT applications

TECHNICAL SPECIFICATIONS (COMMON)

PARAMETER	PLK-LED Flood	PLK-LED HL
Input Voltage	240V AC, 50 Hz	240V AC, 50 Hz
Input Current	0.8 Amp (Max.)	0.8 Amp (Max.)
LED Type	18 × 6W LEDs	5 × 5W LEDs
Total LED Wattage	108 W	25 W
Ultraviolet Intensity	6000 $\mu\text{w}/\text{cm}^2$ @ 16"	4000 $\mu\text{w}/\text{cm}^2$ @ 16"
Body Material	Cast Aluminium	Aluminium
Weight	Approx. 3.5 kg	Approx. 350 g (Hand Device)

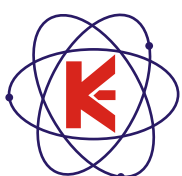


APPLICATIONS:

- Magnetic Particle Inspection (MPI)
- Weld, casting, and forging defect detection
- Aerospace and automotive inspections
- Laboratory and field spot inspections

STANDARD ACCESSORIES/SUPPLY:

- PLK-LED Flood – Supplied with lamp unit and manual
- PLK-LED HL – Supplied with hand unit & Power Supply, and manual



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