

LED-1



Brighter, Lighter, Longer Running & Easy-to-Use Handheld Inspection Lighting

When you need on-the-spot inspection for small areas, the best option is the new Unilux LED-1. Available in Standard and UV models, the LED-1 provides lightweight, user-friendly, long-lasting strobe inspection lighting for frequent use in small areas. Your operators will find the LED-1 easy to adjust, easy-to-use, lightweight and extremely portable. It's so small, it fits in a pocket. Waste is reduced and associated costs are controlled.

With the LED-1 you'll be able to:

- Inspect anywhere in your production process
- Gain immediate knowledge of quality
- Pinpoint issues quickly and efficiently
- Monitor startup and shutdown procedures
- Reduce waste and control costs



APPLICATIONS

Spot or narrow-web inspection, maintenance and troubleshooting applications



- Inspection: Printing & Converting, Paper, Textile Manufacturing
- Plant maintenance: Belts, chains, high speed motion timing, detect slippage in bells & webs
- Monitor: Linear motion of packages, bottles, press registration
- Tachometer: Motor speeds, shafts, gears & pulleys
- Security Printing: UV inks used in financial and government documents

FEATURES

- Adjustable flash duration
- Auto adjust option based on energy used
- 125 mm diameter spot illumination of the subject area at 300 mm away
- Brighter than any comparable hand held inspection lighting
- Super portable – battery-powered, pocket sized
- Up to four hours of continuous use
- Recharges completely in 4 hours
- Rugged construction
- Lightweight

BENEFITS

- Easily adjustable for specific inspection requirements
- Easy to handle over continuous inspection periods
- Up to 8 hours of intermittent use
- Reduced downtime
- Higher quality
- Less waste, higher yield
- Greater cost control
- Small enough to fit in a pocket

**Standard and
UV options**

**Long-life LED
light engine**

**No lamp
replacements**



SPECIFICATIONS

Technical Data	Standard	UV
Power Requirements	6W	4W
Battery Run Time	Up to 3 hours	Up to 4 hours
Light Output	@300 mm / 12 in 1940 LUX	@200 mm / 8 in 62 μ W/cm ²
Coverage	Diameter @ 300 mm / 12 in 125 mm / 4.9 in	Diameter @ 200 mm / 8 in 280 mm / 11 in
Flash Rates	300 – 50,000 flashes per minute	
Flash Duration	10 μ Sec to 1% of the flash period capped at 100 μ Sec	
Physical Dimensions		
Length	147mm / 5.8 in	
Width	89 mm / 3.5 in	
Height	25 mm / 1 in	
Weight	.30 kg / .65 lbs	

STANDARD COVERAGE AT 300 MM



Note:
Larger areas can be illuminated by holding the light further away and controlling ambient lighting.

Unilux recommends strobe lighting levels be at least four times brighter than the ambient lighting.

UV COVERAGE AT 200 MM



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The Power To See

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