



LOL-5

The Lith-O-Lite 5 provides full web inspection for widths up to 40 cm (16"). This powerful light supplies the brightest, sharpest, most even inspection image of any light its size! Its small, rugged, lightweight design allows ultimate flexibility with options providing battery-operated portability, AC hand held kits and tilt and articulating arm mountings. This new generation of inspection lighting provides a digital readout and intensity control in every unit.

Battery/AC operated for ultimate flexibility

100% web inspection up to 40 cm (16")

Travel between lines or between plants

Rugged design for maximum durability

Key Features

- Illuminates surface areas 30cm x 40cm
- High intensity flood beam
- Adjustable intensity 35% to 100%
- Flash ranges of 6000 f/m or 12,000 f/m
- Super bright, five digit LED readout
- Remote control with harmonics and readout

The LOL-5 Advantage

- Immediate knowledge of print quality
- Flexibility from hand held to fixed mount
- Extra long lamp life saves operation cost
- Pinpoint defect origins quickly and efficiently
- Operates on 14V from battery or AC converter

Applications

PRINTING: Printing, Rewinding, Security Print Inspecting, Machine Vision, Speed Measurement

METALS: Galv Lines, Tin Mills, Portable In-Line Inspection

CONVERTING: UV Printing and Coating Inspection



Specifications

POWER INPUT

- 12 to 16 Volts DC
- 30 VA max

TRIGGERING

- Pulse Source: +2.5 V pk min to +24V max zero based pulse, 100µsec min pulse width, 2k input impedance
- Contact closure or open collector: 12Volts DC @ 50mA

TRIGGER SUPPLY

- Regulated 12 to 16 Volts DC, internally connected to power input

INTENSITY OUTPUT

- Adjustable between 35% to 100%

ENERGY OUTPUT

LOL-5-60: Standard

- 0.7 joules/flash @ 1500 f/m
- 0.175 joules/flash @ 6000 f/m

LOL-5-120: Optional

- 0.35 joules/flash @ 3000 f/m
- 0.088 joules/flash @ 12000 f/m

LIGHT OUTPUT

Illumination: LOL-5-60

- 750 Lux at 0.3 meters (1 foot) 100% intensity and 1500 f/m
- 645 Lux at 0.3 meters (1 foot) 100% intensity and 6000 f/m

Illumination: LOL-5-120

- 616 Lux at 0.3 meters (1 foot) 100% intensity and 1500 f/m
- 406 Lux at 0.3 meters (1 foot) 100% intensity and 6000 f/m

Flash Duration

- 20 microseconds

Intensity Levels

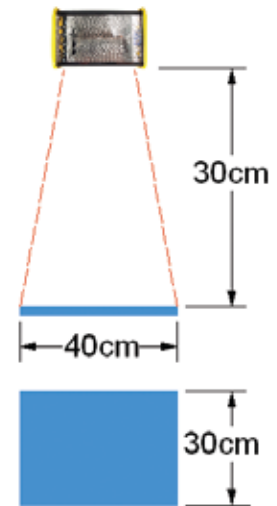
- 35% to 100% continuous adjustment

PHYSICAL

- 140 mm x 135 mm x 97 mm, 1kg (5.5 in x 5.4 in x 3.8 in, 1.9 lbs)

Environmental

- Continuous operating temperature range: 0°C to 40°C (32°F to 104°F)
- Humidity: 95% noncondensing



LOL-5 INTENSITY CONTROLS

Our latest redesign of our powerful handheld or fixed mounted LOL-5 includes built-in intensity controls allowing the operator to toggle between two modes by pressing on the Rotary Dial. The two modes, Flash Rate and Intensity, allow complete control of both flash rate (0 to 6000 f/min) and brightness (35 to 100%).



The above LOL-5 model displays a value of 5928 flashes / minute



The above LOL-5 model displays a brightness value of 100%

DC BATTERY KIT

Provides over an hour of continuous light from each battery. The one-hour charger and quick replacement batteries allow you to get back to work in seconds so you are never without power.



AC POWER HANDLE

The LOL-5 provides two choices in AC handles. The AC power handle provides an on/off trigger so the light is only on when you need it. This will save wear and tear on the unit and also increase lamp life by three to four times. The basic handle requires an on/off from the main power switch.



REMOTE CONTROL

Allows the operator rate control for hard to reach applications. The remote control provides flash rate control setting, harmonic buttons X2/=2, on/off flash signal and digital readout of flash rate.



ARTICULATING ARM

The flexible articulating arm allows 40 inches of reach when movement within a defined inspection area is needed. Prevents unit from being dropped or banged around when not being used.



To find a UNILUX representative near you,
call 1-800-522-0801 or go to www.UNILUX.com

