

LED3



INSPECTION LIGHT ALL-AROUNDER FOR ALMOST EVERY APPLICATION

This LED-stroboscope is available in three versions: Wide area **FLOOD**, super bright **SPOT**. All units come in a high quality, durable all metal construction. The successful combination of compact design and bright illumination makes it so highly versatile: Inspect your printed web, spot check your coatings, perform maintenance functions and much more. Test on-site to see the differences/details on your machines.

APPLICATIONS

Printing: Business forms quality & alignment, registration, envelope press inspection, rewinding, security print inspection, folding, perforation, speed measurement, machine vision

Converting: Internal copy inspection, trimmed edge & perforation analysis, adhesive & coating inspections, and coating inspection

Maintenance: Machine inspection, vibration analysis, bearing inspection, inspection of belts, webs, motors, shafts, gears, pulleys & chains, high speed motion timing

EXCEPTIONAL FEATURES

- Long-life LEDs with up to 8 years of service life*
- Constant-on mode simulate a work light
- Separate flash rate & flash duration adjustments

Handheld

- Up to 4 hours of battery life*
- Low battery indicator

Fixed Mount

- Multiple trigger Input options
- Multi-strobe configuration: Multiple units can be chained together in a network to operate synchronously with each other and enables control of all of the strobes from the primary strobe.



OUTSTANDING DESIGN

- High quality, durable all metal construction
- Dust & drip-water proof
- Compact & Lightweight
- Handheld: Ergonomic handle
- Fixed Mount: Interconnection & extended trigger capabilities

* Dependant on duration and flash settings

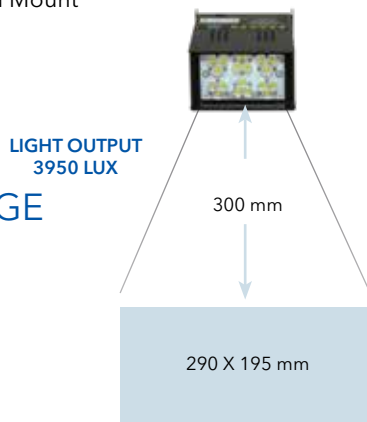


SPECIFICATIONS

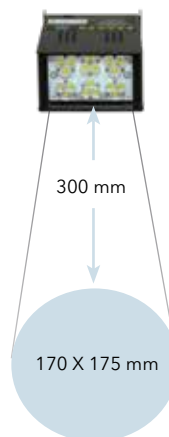
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MODEL NUMBER	FLOOD	SPOT
Handheld	03-1281-DC-F	03-1281-DC-S
Fixed Mount	03-1281-F	03-1281-S
Color Rendering Index	CRI 75	
Color Temperature	6,500 Kelvin	
Power Requirements		
Handheld	18V 2AH, European Community/20V 2AH, Worldwide	
Fixed Mount	15 W (15VDC @ 1A max)	15 W (15VDC @ 1A max)
Battery Run Time (handheld only)		
Up to 3 Hours of Continuous Use*		
Light Output @ 6000 F/M, Duration 50 µSec	@ 300 mm	@ 300 mm
	3950 LUX	6440 LUX
Coverage (W x H)	@ 300 mm	@ 300 mm
	290 x 195 mm	170 x 175 mm
Flash Rates		
Internal Trigger Mode	30-50,000 flashes per minute	
External Trigger Mode	0 - 50,000 flashes per minute (Fixed Mount)	
Encoder Mode	300 - 50,000 flashes per minute (Fixed Mount)	
External Trigger Source (FIXED MOUNT ONLY)		
Pulse (TTL) & Open Collector	4.5V - 40V @ 10mA 500µs min pulse width	
Contact Closure	15V and Ground Supplied 500µs min pulse width	
Flash Duration		
2 µs to 1% of the flash period capped at 100 µs		
Physical Dimensions (L x Wx H)	Size	Weight
Handheld	132 x 107 x 234 mm	1.1 kg
Fixed Mount	126 x 102 x 64 mm	0.5 kg

FLOOD COVERAGE
at 300 mm



LIGHT OUTPUT
6440 LUX



SPOT COVERAGE
at 300 mm

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The Power To See

Our knowledgeable local sales representatives will review your requirements with you to help determine which Unilux stroboscope is best for your process. We will bring our products to your facility for an on-site demonstration. For further information visit our website at www.unilux.com. ©Unilux, Inc. 2024. All rights reserved. Specifications subject to change without notice.