

# 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

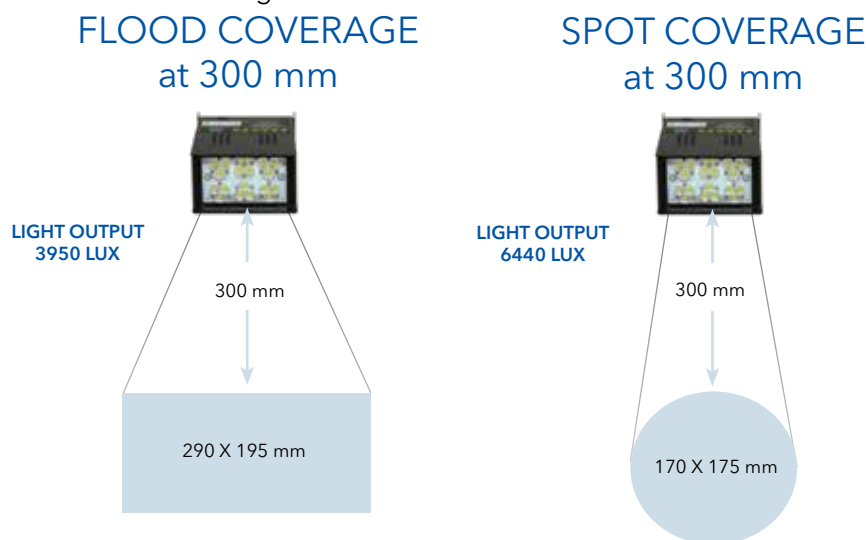
- High quality, durable all metal construction
- Dust & drip-water proof
- Compact & Lightweight
- Handheld: Ergonomic handle
- Fixed Mount: Interconnection & extended trigger capabilities

\* Dependant on duration and flash settings



MODEL NUMBER	FLOOD	SPOT	
Handheld	03-1281-DC-F	03-1281-DC-S	
Fixed Mount	03-1281-F	03-1281-S	
Power Requirements			
Handheld	18V 2AH, European Community/20V 2AH, Worldwide		
Fixed Mount	15 W (15VDC @ 1A max)	15 W (15VDC @ 1A max)	7.5 W (15VDC @ .5A 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			
Handheld	30-50,000 flashes per minute		
Fixed Mount	0 - 50000 flashes per minute		
External Trigger Source (FIXED MOUNT ONLY)			
Pulse (TTL) & Open Collector	4.5V - 40V @ 10mA 500ns min pulse width		
Contact Closure	15V and Ground Supplied 500ns 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	

\* Dependent on duration and flash settings



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](http://www.unilux.com). ©Unilux, Inc. 2021. All rights reserved. Specifications subject to change without notice.