



LED-3

The Most Versatile Stroboscopic Inspection Lights

For inspection in narrow spaces, look to the LED-3 handheld and fixed mount solutions with flood, spot and UV options. With these exceptionally bright inspection lights, you will be able to inspect anywhere in your production process: in narrow areas with one unit, or connect multiple mounted units for wider areas.

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, UV printing & coating inspection

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



FLOOD, SPOT OR UV OPTIONS

- Very bright, even illumination
- Excellent white light source close to natural daylight
- Softer light for highly reflective surfaces
- Versatile – unlimited applications

EXCEPTIONAL FEATURES

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

Handheld

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

Fixed Mount

- Remote operation
- Standby & standby auto bypass
- Rotary encoder enabled, proportional line speed
- Trigger inputs:
 - Pulse/TTL & Open Collector (3.5V-4.0V @ 10 mA, 500nSec min pulse width)
 - Contact Collector (12V and Ground, 500nSec min pulse width)

OUTSTANDING DESIGN

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

BENEFITS

- Reduces waste
- Improves operating efficiencies
- Low cost of ownership - no lamp replacement or unit maintenance
- Enables inspection in the tightest spaces
- Reduced power consumption
- Environmentally friendly: no ozone emissions

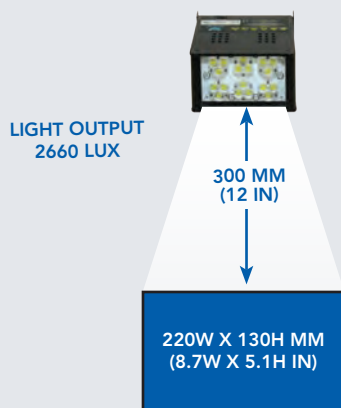


POWERED BY
DEWALT

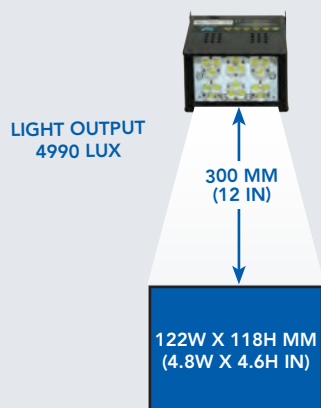
SPECIFICATIONS

Model Number	Flood	Spot	UV
Handheld	03-1247-DC-F	03-1247-DC-S	03-1248-DC-UV
Fixed Mount	03-1247-F	03-1247-S	03-1248-UV
Power Requirements	15 Watts	15 Watts	7.5 Watts
Battery Run Time (handheld only)	Up to 4 Hours	Up to 4 Hours	Up to 8 Hours
Light Output @ 6000 F/M, Duration 50 μ Sec			
@ 300 mm (12 in)	2,660 LUX	4,990 LUX	715 μ W/CM2
Coverage (W x H)	@ 600 mm (24 in)		
@ 300 mm (12 in)	220W x 130H mm (8.7W x 5.1H in)	122W x 118Hmm (4.8W x 4.6 in)	80W x 60H mm (3.1W x 2.4 in)
Flash Rates	30-50,000 flashes per minute		
Flash Duration	2 μ Sec to 1% of the flash period capped at 100 μ Sec		
Physical Dimensions	Size	Weight	
Handheld	132L x 107W x 234H mm (5.2L x 4.2W x 9.2H in)	1.1 kg (2.4 lbs)	
Fixed Mount	122L x 102W x 64H mm (4.8L x 4.0W x 2.5H in)	.52 kg (1.2 lbs)	

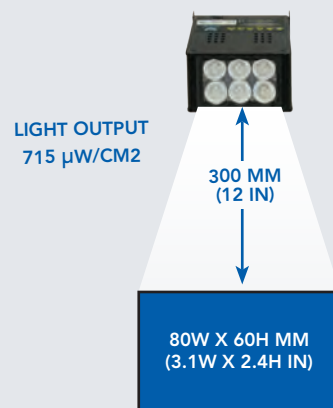
FLOOD COVERAGE AT 300 MM



SPOT COVERAGE AT 300 MM



UV COVERAGE AT 300 MM



UNILUX®

The Power To See

For further information visit our website at www.unilux.com.

©Unilux, Inc. 2016. All rights reserved. Specifications subject to change without notice.