

LED27_{HH}



QUICKLY CONFIRM SURFACE QUALITY AND TRACK DOWN THE SOURCE OF IMPERFECTIONS

Find surface defects and identify their root cause anywhere in the manufacturing process with the LED27 handheld inspection strobe. Powerful long-life LEDs in spot or flood provide even coverage and crisp clear detail on reflective surfaces. The LED27 is the only portable inspection strobe that features the Smart Assist graphic interface for easy operation in multiple languages. Rugged metal construction and quick-change rechargeable batteries ensure that the LED27 is ready to perform when you need portable inspection out on the line.

FEATURES

- Smart Assist - quick access to critical settings
- Designed for reliable performance in harsh environments
- Quick-change batteries with charge status lights
- Maintenance-free long-life LEDs
- Constant-On feature doubles as a work light
- Flood model - Ideal for reflective surfaces
- Spot model is extremely bright for crisp, clear detail at longer distances

SMART ASSIST CONTROLS

LONG-LIFE LEDs

QUICK CHANGE BATTERY

APPLICATIONS

- Surface inspection on cold-rolling lines, pickle lines, galvanizing lines, inspection lines, recoil lines, tension leveling lines, paint lines, aluminum and tin lines
- Detection of slippage in belts and webs, analysis of shafts, gears, pulleys, bearings and rollers

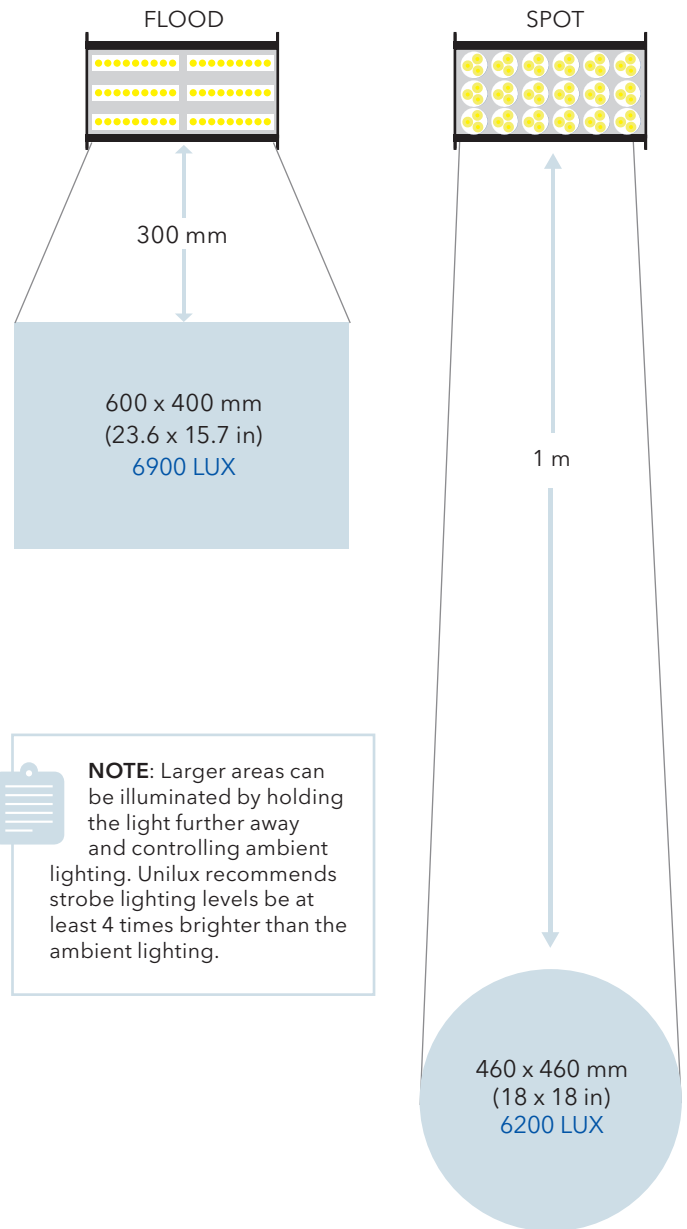


SPECIFICATIONS

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Model Numbers	
LED27HH Flood	03-1251-DC-F
LED27HH Spot	03-1251-DC-S
Power Requirement	
18V 5AH, European Community 20V 5AH, Worldwide	
Physical Dimensions	
	L x W x H
Size	145.8 x 105.7 x 296 mm (5.74 x 4.16 x 11.68 in)
	Weight
	2.1 kg (4.7 lb)
FLOOD OUTPUT & COVERAGE	
Distance to target	
LUX OUTPUT @ 6,000 F/M & 100µs	
@ 300 mm (12 in)*	6900 LUX
@ 600 mm (2 ft)*	1900 LUX
Peak Output	7600 LUX
Distance to target	
Coverage (W x H)	
@ 300 mm (12 in)*	600 x 400 mm (23.6 x 15.7 in)
@ 600 mm (2 ft)*	750 x 520 mm (29.5 x 20.5 in)
SPOT OUTPUT & COVERAGE	
Distance to target	
LUX OUTPUT @ 6,000 F/M & 100µs	
@ 300 mm (12 in)*	11600 LUX
@ 600 mm (2 ft)*	8250 LUX
@ 1 m (3.3 ft)*	6200 LUX
Peak Output	12800 LUX
Distance to target	
Coverage (W x H)	
@ 300 mm (12 in)*	340 x 315 mm (13.4 x 12.4 in)
@ 600 mm (2 ft)*	390 x 370 mm (15.3 x 14.5 in)
@ 1 m (3.3 ft)*	460 x 460 mm (18 x 18 in)
External Trigger Source	
Source	0 - 1666.65 Hz
Pulse TTL	4.5V - 40V @ 10mA 500ns min pulse width
Open Collector	4.5V - 40V @ 10mA 500ns min pulse width
Contact Closure	15V and Ground Supplied 500ns min pulse width
Flash Duration	
2µs to 1% of the flash period capped at 100µs	
Environmental	
Operating Temperature	32°F to 104°F / 0°C to 40°C
Humidity	0-95% non-condensing

LIGHT OUTPUT & COVERAGE*



SMARTASSIST AVAILABLE IN MULTIPLE LANGUAGES*

FRENCH	SPANISH	GERMAN	ENGLISH
<p>Dashboard Screen</p>	<p>Intensity Screen</p>	<p>Help Screen</p>	<p>Flash Rate Screen</p>

* For the most recent list of available languages get in touch with your [local sales representative](#).

UNILUX
The Power To See