

LED27_{FM}



FLOOD



SPOT

FIRST LED INSPECTION STROBE SPECIFICALLY DESIGNED TO MEET OEMS WORLDWIDE NEEDS

Unilux has designed the first LED strobe to integrate seamlessly into OEM machines. The LED27 is the perfect combination of form and function; exceptionally bright coverage in a compact strobe that's easy to use. The LED27 takes up very little space and runs off existing 24VDC machine power, eliminating the need for a separate power supply. Smart Assist graphic controls make it easy for any user to set up and operate with all controls and on-screen instructions in their language!

FEATURES

- High-output LEDs deliver coverage up to a 600 mm width with even illumination
- Compact design takes up little machine space
- Runs on 24VDC machine power, eliminating the need for a separate 110/220V AC supply
- On-screen help and instructions are provided for every setting
- Available in multiple languages to accommodate global operations
- Simple dashboard screen shows all critical settings at a single glance
- Adjustable Duration and Intensity to adapt to any application

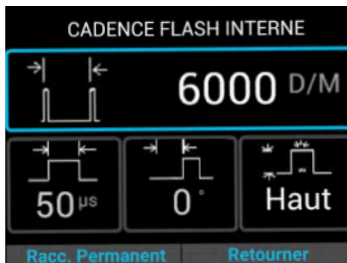
COMPACT DESIGN

24VDC MACHINE POWER

SMART ASSIST CONTROLS
SIMPLIFY SETUP & OPERATION

SMARTASSIST AVAILABLE IN MULTIPLE LANGUAGES*

FRENCH



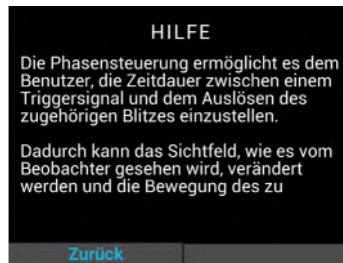
Dashboard Screen

SPANISH



Intensity Screen

GERMAN



Help Screen

ENGLISH



Flash Rate Screen

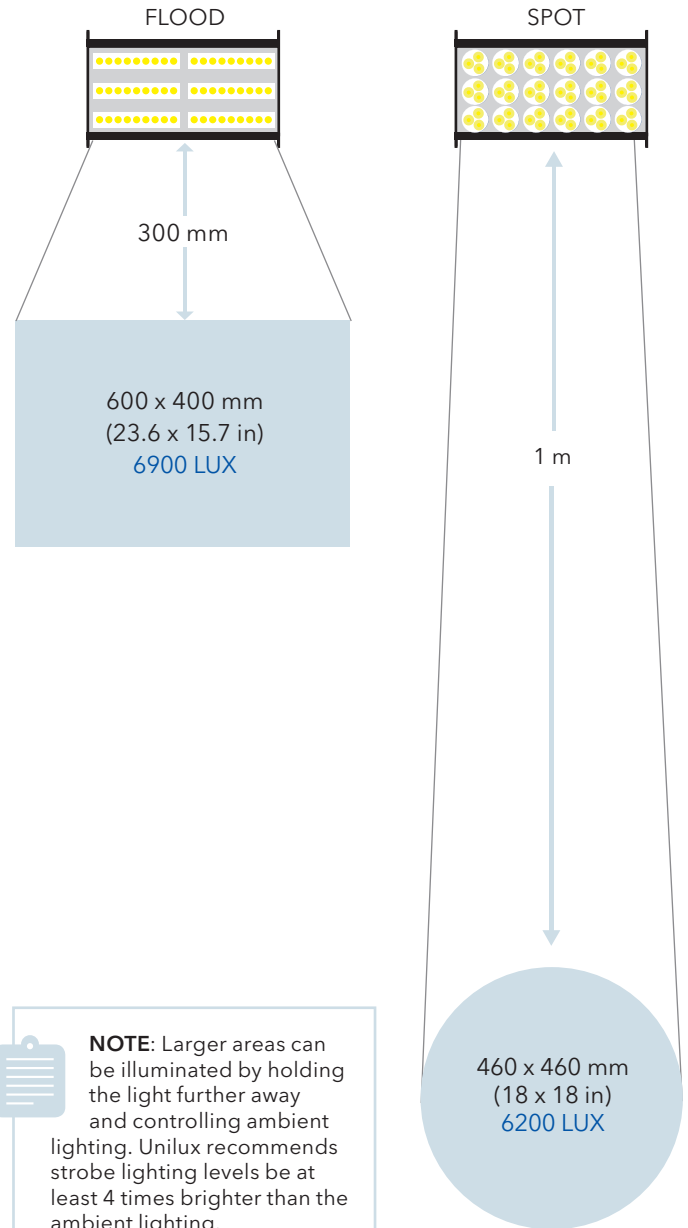
* For the most recent list of available languages get in touch with your [local sales representative](#).



SPECIFICATIONS

Model Numbers	
LED27FM Flood	03-1251-F
LED27FM Spot	03-1251-S
Power Requirement	
	36W (24VDC @ 1.5A max)
Physical Dimensions	
L x W x H	Weight
Size 126 x 153 x 106 mm (4.9 x 6 x 4.8 in)	1.3 kg (2.9 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*



EASY TO MOUNT ON ANY MACHINE



TWO MOUNTING OPTIONS FROM TOP OR BOTTOM



MULTIPLE MOUNTING OPTIONS AVAILABLE