

PULSAR

THE POWER TO STOP TIME

Analyze motion and track critical movement as if time is standing still with this powerful strobe for large area motion analysis.

Pulsar is the only strobe that puts out this much light - more than enough to analyze motion from a safe distance.

- 17,510 to 20,000 Lux illuminates a wide area from 2m (6.6 ft)
- Multiple strobes can be interconnected and controlled from a single point
- Can automatically transition from strobe to work light or work light to strobe
- **Smart Assist** controls ease setup and operation
- Full text prompts available in multiple languages

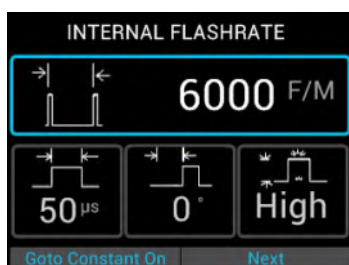
Unilux is a trusted partner of test facilities, wind tunnels, and scientific labs around the world.



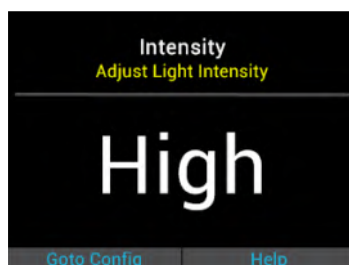
- **AEROSPACE** - high speed, large area motion analysis
- **MANUFACTURING** - troubleshoot operating machinery and mechanical functions
- **SPORTS** - high speed analysis of athletic equipment to evaluate performance
- **FLUID BEHAVIOR** - Valve and nozzle performance



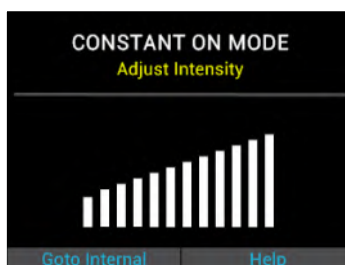
Only Unilux strobes feature **SMARTASSIST** controls. Manipulate settings with scientific precision to isolate movement in crystal clear detail.



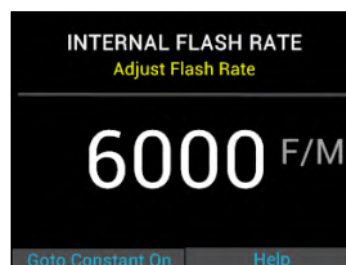
Dashboard Screen



Intensity Screen



Constant On Screen

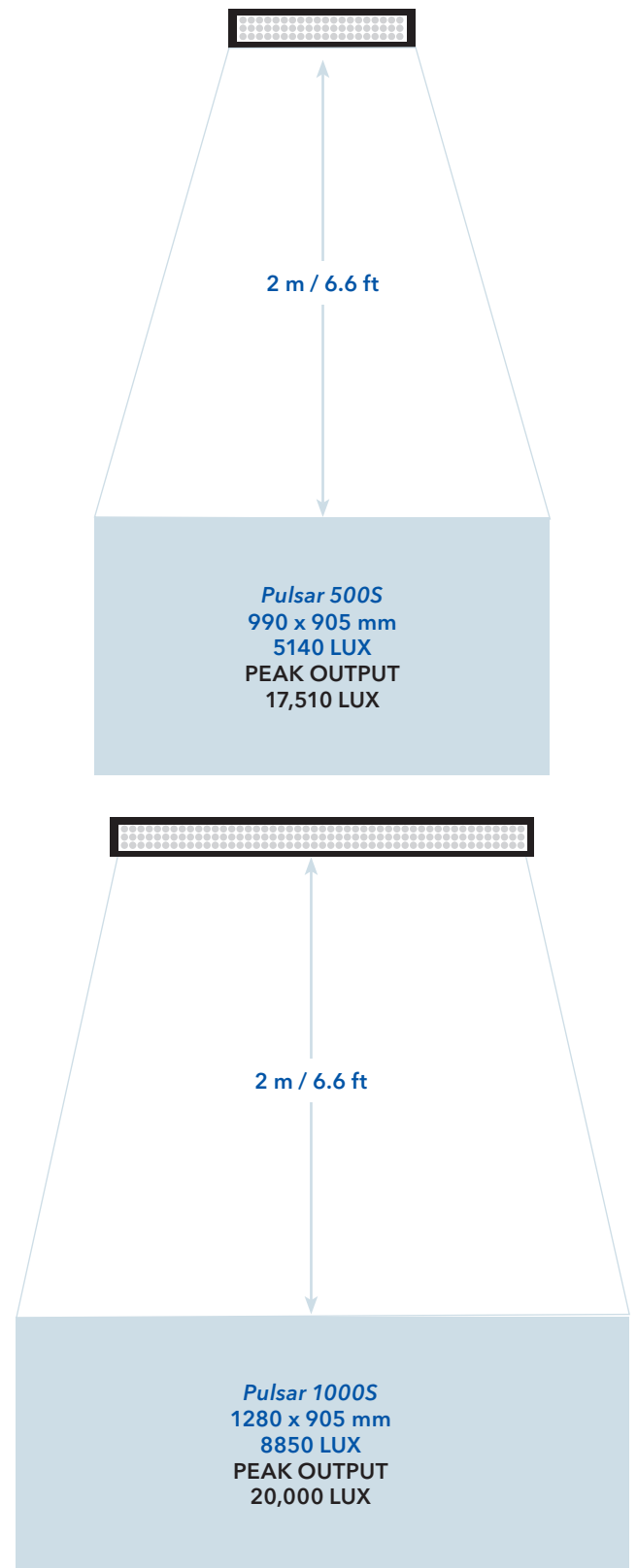


Flash Rate Screen

SPECIFICATIONS

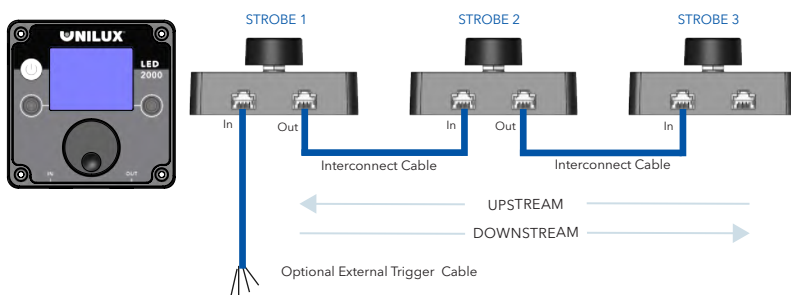
MODEL	03-1264-500S	03-1264-1000S
Watts Max	144W	280W
Amps Max (@110V)*	1.40A	2.80A
Power Requirement	100 to 240 VAC 50/60 Hz	
Size	114 x 513 x 155 mm (4.5 x 20.2 x 6.1 in)	114 x 914 x 155 mm (4.5 x 38.2 x 6.1 in)
Weight	4.2 kg / 9.2 lb	7.6 kg / 16.7 lb
Light Output		
@ 2 m (6.6 ft)*	5,140 Lux	8,850 Lux
Peak Output	17,510 Lux	20,000 Lux
Coverage (W x H)		
@ 2 m (6.6 ft)*	990 x 905 mm (39.0 x 35.6 in)	1280 x 905 mm (50.4 x 35.6 in)
Flash Rates		
Internal Trigger Mode	30 - 99999 flashes per minute	
External Trigger Mode	0 - 99999 flashes per minute	
Encoder Mode	0 - 99999 flashes per minute	
External Trigger		
Source	0 - 1666.67 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*



NOTE: Larger areas can be illuminated by holding the light further away and controlling ambient lighting. Unilux recommends strobe lighting levels be at least 4 times brighter than the ambient lighting.

MULTI-STROBE CONFIGURATION



Unilux Pulsar Series strobes can be interconnected together in a network with or without a remote control for advanced inspection techniques.

Networking allows the Unilux strobes to operate synchronously with each other and enables control of all of the strobes from a single point on the network.