



# NW300



COMPACT DESIGN

RUNS ON 24VDC  
MACHINE POWER

SIMPLE SETUP & OPERATION

## APPLICATIONS

- Flexible packaging
- Gravure and flexo presses
- Doctor rewinders
- Slitters
- Laminators

## HIGH SPEED INSPECTION

The NW300 is the perfect combination of form and function, an efficient, affordable and compact strobe that's easy to use backed by Unilux; a name known for reliability and innovation. The NW300 features Smart Assist controls to make it easy for any user to set up and operate their language!

### SMARTASSIST™

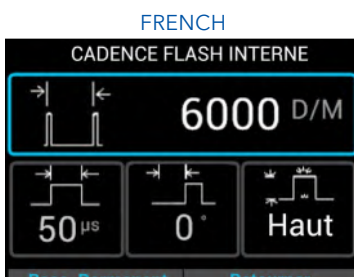
From the engineering team that reinvented stroboscopic inspection with brighter, more efficient LEDs comes **SMARTASSIST** - another use of current technology to improve the consistency of your manufacturing process.



## FEATURES

- High-output LEDs deliver bright, even coverage for inspection
- Compact design requires minimal machine space
- 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 glance

## SMARTASSIST AVAILABLE IN MULTIPLE LANGUAGES\*



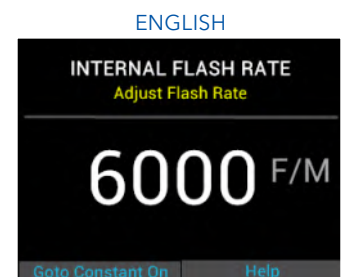
Dashboard Screen



Intensity Screen



Flash Rate Screen



Flash Rate Screen

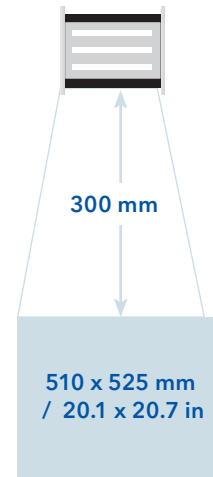
\* For the a current list of available languages contact your [local sales representative](#).

# SPECIFICATIONS

# NW300

NW300		
Power Requirement	38.4W (24VDC @ 1.6A Max)	
<b>Physical Dimensions</b>	<b>L x W x H</b> <b>Weight</b>	
Size	Yokes at vertical position: 126 x 191 x 143 mm / 5 x 7.5 x 5.6 in	1.8 kg / 3.97 lb
	Yokes at horizontal position: 201 x 191 x 106 mm / 7.9 x 7.5 x 4.2 in	
<b>Coverage (W x H)</b>		
@ 300 mm (12 in)*	510 x 525 mm / 20.1 x 20.7 in	
<b>Peak Lux Output</b>	<b>2870</b>	
<b>Flash Rates</b>		
Internal Trigger Mode	30 - 99999 flashes per minute	
External Trigger Mode	0 - 99999 flashes per minute	
<b>External Trigger</b>		
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	
<b>Flash Duration</b>		
	2µs to 1% of the flash period capped at 100µs	
<b>Environmental</b>		
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 Smart Assist strobes can be chained together in a network with or without a remote control for advanced inspection techniques. Networking allows the strobes to operate synchronously with each other and enables control of all of the strobes from a single point on the network.

