



NW300

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!



COMPACT DESIGN

RUNS ON 24VDC
MACHINE POWER

SIMPLE SETUP & OPERATION

APPLICATIONS

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

SMARTASSIST™

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

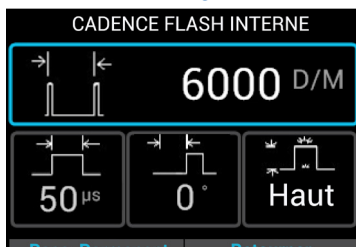


FEATURES

- 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*

FRENCH



Dashboard Screen

SPANISH



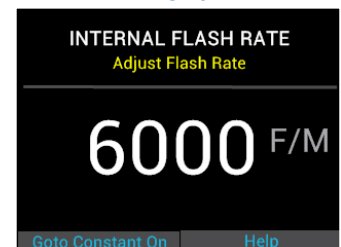
Intensity Screen

CHINESE



Flash Rate Screen

ENGLISH



Flash Rate Screen

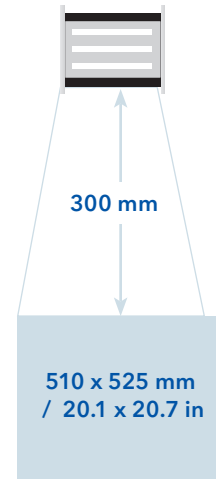
* For the a current list of available languages contact your [local sales representative](#).

SPECIFICATIONS

NW300

NW300	
Power Requirement	38.4W (24VDC @ 1.6A Max)
Color Rendering Index	CRI 75
Color Temperature	6500 Kelvin
Physical Dimensions	
Size	Yokes at vertical position: 126 x 191 x 143 mm / 5 x 7.5 x 5.6 in
	Yokes at horizontal position: 201 x 191 x 106 mm / 7.9 x 7.5 x 4.2 in
	1.8 kg / 3.97 lb
Coverage (W x H)	
@ 300 mm (12 in)*	510 x 525 mm / 20.1 x 20.7 in
Peak Lux Output	2870
Flash Rates	
Internal Trigger Mode	30 - 99999 flashes per minute
External Trigger Mode	0 - 99999 flashes per minute
Encoder Mode	30 - 99999 flashes per minute
External Trigger	
Source	0 - 1666.65 Hz
Pulse (TTL)	4.5V - 40V @ 10mA 500µs min pulse width
Open Collector	4.5V - 40V @ 10mA 500µs min pulse width
Contact Closure	15V and Ground Supplied 500µs 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.

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.

MULTI-STROBE CONFIGURATION

