

LED BEACON

DETECT PAPER FORMATION PROBLEMS ANYWHERE IN THE PAPERMILL

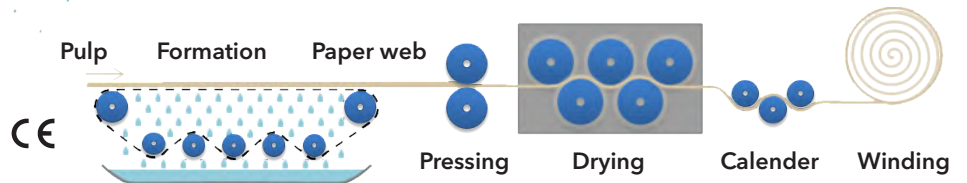
A versatile inspection strobe light ideal for evaluating dozens of functions in the paper manufacturing process to ensure quality of the end product. Efficient, clear evaluation of all high speed operations of the paper machine at any distance required. Inspect formation activity, troubleshoot machine operations and check quality of the final product. Reduce product losses by detecting processing and machine operational issues.



KEY FEATURES

- Bright, wide, even illumination delivers clear detail even at the center of the machine
- Adjustable flash duration achieves greater clarity at any stage in the process
- Robust construction and protective sleeve withstands harsh mill conditions
- Splash and spray proof design prevents water and pulp from getting into the unit
- Maintenance-free long-life LEDs
- Synchronize with still or video cameras
- Up to 60 minutes of run time between battery recharge

OPTIMIZE 39 POINTS. ONE TOOL.



APPLICATIONS

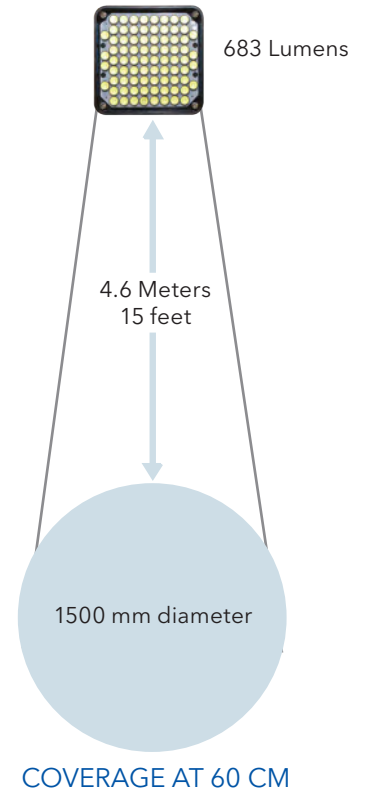
Formation	Rope speed	Stock buildup on felts and wires	Coating
Stock jump	Nozzle performance	Couch roll	Rewinding
Dewatering	Jet impingement angle	Lubrication systems	Gauge felt and wire machine operation and all mechanical functions
Transfer points	Rotational speed	High pressure showers	
Felt and wire wear	Dryer cans and felts	Calendering	
Motion analysis	Paper and backing rolls		



SPECIFICATIONS

MODEL NUMBER	
	03-1254-DC-S-IP
Power Source	
Battery	18V 5AH, European Community 20V 5AH, Worldwide
Battery Run Time (typical depending on usages & settings)	Up to 1 hour of continuous use
Light Output	
	683 Lumens
Coverage (Diameter)	
@ 1 M / 139 inches	400 mm / 15.7 inches
@ 2 M / 179 inches	800 mm / 31.5 inches
@ 4.6 M / 15 feet	1500 mm / 59.1 inches
Flash Rates	
Internal Trigger Mode	30.0-99999.9 flashes per minute
External Trigger Mode	0-99999.9 flashes per minute
Flash Duration	
	2 μs to 0.5% of the flash period capped at 100 μs
Physical Dimensions	
Size L x W x D	184 x 119 x 304 mm / 7.2 x 4.7 x 11.9 inches
Weight	2.1 kg / 4.6 lbs.
Environmental	
Operating Temperature	32°F to 104°F / 0°C to 40°C
Humidity	0-95% non-condensing

LIGHT OUTPUT & COVERAGE*



*All measurements taken at 6,000 F/M, 100 μs duration.

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.

ACCESSORIES



6' VIDEO CABLE (04-1879-6)

Used to connect the LED Beacon strobe to a compatible video camera so that the strobe can be used as a high intensity light source during filming.



SOFT CASE (99-1155)

Makes it easy to carry the unit from location to location. The soft case holds one LED Beacon inspection strobe, one charger and two power packs.



ATA CASE (99-1153)

Enables easy transportation of your strobe. Designed specifically for the LED Beacon to withstand shipping between locations.