

FIRST LIGHT™



UV Fluorescent Screen Exposure System

FEATURES

- Maximum screen frame size 58 x 79 cm (23" x 31")
- High-output UV fluorescent screen exposure lamps
- Ideal for startup manual screen printing shops and as an upgrade from home-made screen exposure units

First Light is NuArc's versatile and affordable tabletop UV fluorescent screen exposure unit. With its convenient and economical approach to direct screen exposure, First Light is the perfect unit for startup manual screen printing shops, and it's ideal for small screen printers looking to upgrade from home-made screen exposure units. First Light's five high-output UV fluorescent lamps save energy costs, reduce screen exposure time, and speed up production. First Lights expose direct, capillary, and indirect emulsions.

The specially designed vacuum system features high-speed drawdown, ensuring intimate film-to-screen contact without damage to blanket or glass. First Light's LED timer with digital readout ensures accurate exposures and fast exposure times. First Light UV screen exposure units can be located in areas housing unexposed screens because the ultraviolet light source and vacuum frame are enclosed, and the screen exposure lamp can't be turned on while the blanket frame is open.



M&R is the world's largest manufacturer of screen printing equipment, and the online M&R Store features a wide variety of genuine M&R OEM parts and screen printing supplies. The NuArc line includes CTS computer-to-screen exposure systems, UV screen exposure units, lithographic imaging systems and freestanding vacuum frames. All equipment from The M&R Companies is built with M&R's unsurpassed attention to detail and commitment to quality, durability, innovation, and design excellence, and is backed by M&R's unparalleled 24-hour access to service, support, and premium parts.

STANDARD FEATURES

BLANKET & VACUUM

- Exceptionally flexible and resilient material ensures intimate contact
- Gas shocks simplify blanket frame opening and closing
- Oil-free pump is fast, quiet, and efficient

CERTIFICATION

- CE & UL compliant: Built to specifications established by the European Committee for Standardization® (CE) and Underwriters Laboratories® (UL)

DESIGN & CONSTRUCTION

- Fully-enclosed, heavy-duty all steel cabinet
- LED timer with digital readout ensures accurate screen exposure times
- Light-Loc™ automatically turns off the screen exposure light source if the door is opened
- Optically clear plate glass
- Self-contained design speeds production by allowing placement in light-safe screen-coating rooms
- Ships fully assembled and ready to deploy

LIGHT SOURCE FOR SCREEN EXPOSURES

- Five high-output UV fluorescent screen exposure lamps
- UV fluorescent screen exposure lamps excel on all emulsions: direct, capillary, and indirect

SCREEN EXPOSURE AREA

- 58 x 79 cm (23" x 31") maximum screen frame size

WARRANTY, SERVICE & SUPPORT

- 24-hour hotline is staffed 365 days a year
- Access to M&R's Training Center
- M&R OEM parts—including genuine M&R pallets & platens—and screen printing supplies are available online at store.mrprint.com
- One-year limited warranty excluding blanket, glass, and screen exposure lamps

SPECIFICATIONS

	First Light
Electrical Requirements ¹	110 V, 1 ph, 7 A, 60 Hz, .77 kW 208/230 V, 1 ph, 1.6/1.4 A, 50 Hz, .33 kW
Maximum Screen Frame Size	58 x 79 cm (23" x 31")
Overall Size (H x W x D)	20 x 107 x 86 cm (8" x 42" x 34")
Shipping Weight	68 kg (150 lb)
Vacuum Frame Size	73 x 94 cm (29" x 37")
Wattage	150 watts

¹ If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly. Other electrical configurations are available: Contact The M&R Companies for details.

OPTIONS

REPLACEMENT SCREEN EXPOSURE LAMPS

- UV fluorescent screen exposure lamp: Part Number VE1219

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