

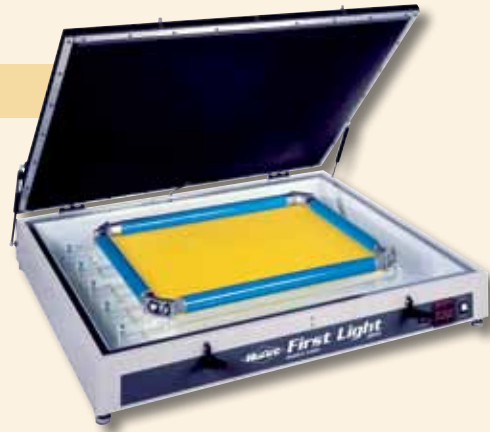
FIRST LIGHT™



UV Fluorescent Exposure System

FEATURES

- Maximum screen frame size
58 x 79 cm (23" x 31")
- High-output UV fluorescent lamps
- Ideal for startup manual screen shops



First Light is NuArc's versatile and affordable tabletop direct screen exposure system. With its convenient and economical approach to direct screen exposure, First Light is the perfect unit for startup manual screen shops. First Light's five high-output UV fluorescent lamps save energy costs and reduce production time. They also 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 exposure. First Light can be located in areas housing unexposed screens because the light source and vacuum

frame are enclosed, and the exposure lamp can't be turned on while the blanket frame is open.

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. It's no wonder M&R is the first name in screen printing equipment.

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 exposure
- Light-Loc™ automatically turns off the light source if the blanket frame is opened
- Optically clear plate glass
- Self-contained design speeds production by allowing placement in darkrooms
- Ships fully assembled and ready to deploy

Exposure Area

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

Light Source

- Exposes all emulsions: direct, capillary, and indirect
- Five high-output UV fluorescent lamps

Warranty, Service & Support

- 24-hour hotline is staffed 365 days a year
- Access to M&R's Training Center
- One-year limited warranty excluding blanket, glass, and lamps

OPTIONS

Replacement Lamp

- UV Fluorescent Lamp: Part Number VE1219

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.

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MEGA-LIGHT™

UV Fluorescent Exposure System

FEATURES

- Maximum screen frame size
78 x 102 cm (31" x 40")
- High-output UV fluorescent lamps
- Versatile & affordable

Mega-Light is the versatile and affordable direct screen exposure system that's perfect for any startup manual screen shop. Available as a tabletop model or as an optional stand-mounted unit, Mega-Light offers a convenient, economical approach to direct screen exposure. Eleven high output UV fluorescent lamps save energy costs and reduce production time. They also expose direct, capillary, and indirect emulsions. Mega-Light's LED timer with digital readout ensures accurate exposure. Two additional lamps allow Mega-Light to double as a light table.

The specially designed vacuum system features high-speed drawdown, ensuring intimate film-to-screen contact. Mega-Light can fit through any standard-size door when detached from the optional



floor stand. And it can be located in areas housing unexposed screens because the light source and vacuum frame are enclosed, and the exposure lamps can't be turned on while the blanket frame is open. Mega-Light can be combined with M&R's Tri-Loc® Rapid Registration System for fast, accurate screen exposures and on-press registration.

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
- Functions as a light table
- LED timer with digital readout ensures accurate exposure
- Light-Loc™ automatically turns off the light source if the blanket frame is opened
- Optically clear plate glass
- Removable covers provide easy access to components to clean or replace any serviceable item
- Self-contained design speeds production by allowing placement in darkrooms
- Ships fully assembled and ready to deploy

Exposure Area

- 78 x 102 cm (31" x 40") maximum screen frame size
- Compatible with the Tri-Loc® Rapid Registration System from M&R

Light Source

- Exposes all emulsions: direct, capillary, and indirect
- High-output UV fluorescent lamps: 11 for exposure and 2 for light table use

Warranty, Service & Support

- 24-hour hotline is staffed 365 days a year
- Access to M&R's Training Center
- One-year limited warranty excluding blanket, glass, and lamps

OPTIONS

Design & Construction

- Heavy-duty floor stand

Replacement Lamp

- UV Fluorescent Lamp: Part Number VE1219
- White Fluorescent Inspection Lamp: Part Number VE83

SPECIFICATIONS

	Mega-Light
Electrical Requirements ¹	110 V, 1 ph, 7.5 A, 60 Hz, .82 kW 208/230 V, 1 ph, 2.7/2.4 A, 50 Hz, .56 kW
Maximum Screen Frame Size	78 x 102 cm (31" x 40")
Overall Size (H x W x D) ²	20 x 124 x 99 cm (8" x 49" x 39")
Shipping Weight	124 kg (273 lb)
Vacuum Frame Size	84 x 107 cm (33" x 42")
Wattage	330 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.

² Height with optional floor stand: 104 cm (41")



The M&R Companies
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