



# Exposure, UV & IR Lamps

## For Graphic Arts, Silkscreen, PCB Fabrication

We offer you original quality lamps for all equipment, including platemakers, vacuum frames, screen exposure units, ultraviolet (UV) curing, IR drying, microscopes, cameras, and scanners for printing, silkscreen, CD, PCB, electronics, medical, scientific and other applications.

### Here's What You Get From Caprock:

- **CONSISTENT BEST QUALITY:** Equipment manufacturers don't make the lamps they sell, so you not only get the same quality, but often the exact same lamp! Caprock lamps are top-of-the line **original-quality**, not generic replacements.
- **SINGLE SOURCE:** Our toll-free number gives you access to a single reliable source for all your lighting needs, no matter what type or whose equipment you have. We can locate many hard-to-find and obsolete lamps, to keep your equipment and your business running.
- **EASY ORDERING:** Give us the part numbers and we'll do the rest. If you don't know the numbers, we'll use our proprietary LampTrax system to identify the lamps you need.

**EXPOSURE LAMPS:** We supply mercury vapor, metal halide, mercury capillary, fluorescent UV (black light), pulsed xenon and halogen lamps for all type of screen, plate, and film exposure equipment. Lamps are designed with specific electrical specifications, dimensions, and end-fittings, for optimal exposure conditions. Generally, all we need to know is the part number of the lamp you use.

**UV CURING LAMPS:** UV lamps are used to cure special inks, varnishes and lacquers in-line on the press, or off-line in a separate conveyor or coater. We supply lamps for flexo, offset, conventional screen printing, and wide-format digital inkjet printers in standard medium pressure and microwave types. They are also used in specialized equipment in the production of CD's and DVD's, PCB manufacturing, and bottle, glass, and cup decoration.

Medium pressure mercury lamps are the most common. UV lamps require special ballast and electronic equipment to operate them. The spectral output of the lamp may be modified by the addition of metal halides, such as gallium and iron. If we cannot identify your lamp using the part number, all we need is a working sample of the lamp (it does not have to be new, just one that lights).

**INFRARED (IR) DRYING LAMPS:** Infrared lamps produce heat for drying. Medium wave IR lamps are slower to come to full temperature, but are less expensive and more efficient. They are usually at least half an inch in diameter and easily customized and produced in short runs. Short wave IR lamps usually measure 3/8" in diameter and are characterized by a flat, pinched seal at the end. They come to full temperature very quickly. Both types are available in a wide range of wattages and special end-fittings.

We also supply twin-tube lamps common to many graphic arts dryers, usually with a gold reflector.

*See the back of this sheet for prices on the most popular exposure lamps. Call for price and availability on UV curing and IR dryer lamps. Do you have special requirements? Give us a call!*

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#### CAPROCK DEVELOPMENTS INC.

475 Speedwell Avenue • PO Box 95 • Morris Plains NJ 07950

Phone: (800)-222-0325 / (973)-267-9292 • Fax: (973)-292-0614 • e-Mail: info@caprockdev.com

Visit our web site: [www.caprockdev.com](http://www.caprockdev.com)

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**We supply lamps for ALL MAKES & MODELS of ALL TYPES of equipment, whether they are the latest and most up-to date versions, or old/obsolete models discontinued years ago. This is just a sampling of the manufacturers for whose equipment we supply top-quality replacement lamps:**

3M • Agfa • Airtech • AM • Amergraph • Amjo • American • Argyle • Ascor • Berkey • Brewer • Brown • Burgess (Addalux) • Byers • AB Dick • Colight • Douthitt • Dreve • DS • DuPont • ELC • Eskofot • Fusion • Grafix • Gyrex • Halux • Hanky • Hanovia • Herbert • HTE • IST • Itek • Kammann • Kelleigh • Kenro • Kodak • Liberty • LogE • Martin-Yale • M&R • Mark Andy • Mimaki • Mitsubishi • National • Nilpeter • Nordson • nuArc • Nur • Olec Olite • Omso • OnLine Energy • ORC • Pierry • Robertson • Sandmar • Screen • SPE • Svecia • Teaneck • Tetko • Theimer (Violux, Montakop) • VGC • Zund

***Here are prices on our most popular replacements for screen, offset, and PCB exposure lamps...***

nuArc/M&R:	CD/GW-114	\$85	CD/KT-38	\$230	CD/NP-80	\$125
	CD/HT-121	\$185	CD/JQ-30/FS-90	\$340	CD/HT-28	\$155
	CD/LY-33	\$270	CD/CN-42	\$135	CD/PD-41	\$185
	CD/MH-153	\$295	CD/CU-71	\$240	CD/PM-78	\$245
Olec:	CD/L-1250	\$220	CD/L-1252	\$244	CD/L-1261	\$244
	CD/L-1280	\$290	CD/L-1281	\$290	CD/L-1282	\$290
Burgess:	CD/1406-07	\$240	CD/1406-04	\$240	CD/1406-07L	\$250
(Addalux)	CD/1406-01	\$180	CD/1406-02	\$180	CD/1406-03	\$190
Amergraph:	CD/10431	\$85	CD/10266A	\$185	CD/10265	\$330
	CD/10888	\$180	CD/10725	\$175	CD/10700	\$330
Theimer:	CD/THS-8027	\$295	CD/THS-6027	\$275	CD/THS-5027	\$245
Itek:	CD/192511	\$22	CD/192531	\$22	CD/190682	\$24
Colight:	CD/3007100	\$244	CD/CHM-5000	\$253	CD/3219100	\$240
Screen(DS):	CD/UPX-4003	\$520	CD/SPG-6000	\$470	CD/M3.8KG	\$440
ORC:	CD/IML-5000	\$250	CD/IML-3000	\$250	CD/SMX-7000	\$220
Quartz:	CD/DXX/FFM	\$27	CD/FCL	\$18	CD/FCM	\$27

**NOTE:** For new equipment under warranty, we also supply many branded lamps- call for information.

***Call us with part numbers to get pricing on the UV curing and IR drying lamps you use...***

There are literally thousands of different UV curing and IR drying lamps. And even more if you consider how many manufacturers use different numbers to make it difficult for you to go to another source for your lamps. In most cases, all we need to know is the OEM equipment maker's part number. Check the owner's manual, the box your old lamp came in, and even the tube of the lamp you use now for the numbers.

Do you have OEM requirements or special requirements? Call us to find out about design of lamps for your application. UV lamps and medium wave IR lamps can be designed and produced in small quantities at very reasonable prices.

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