

Amba® lamps,
replacement lamps for a wide
range of UV curing applications.



NobleLight

EXCELITAS
TECHNOLOGIES®

Amba®. We understand lamps.

This is why we make it easier and more convenient for you to find the best lamp for your curing equipment. Our friendly sales specialists guide you with a few questions to the right lamp.

We offer a range of more than **10,000 lamp** types for virtually all types of equipment and application. If you contact us you will receive a prompt response from someone who understands your requirements.

more than **10.000**
lamps

Your advantages:

- Outstanding quality and reliability
- 200% performance guarantee
- More than 10,000 lamp types (also for unusual lengths, special output characteristics and MH additives)
- Reliably high UV emission throughout lamp life time for efficient curing processes
- Strong seals, immaculate quartz glass, high-quality electrodes and connectors for a better performance
- Tailor-made lamps: matching your requirements

Mercury UV lamps – for curing applications

Mercury arc lamps are most commonly used for curing applications. The Noblelight Amba® product range includes lamps from a 12 mm arc length up to 3.9 metres and everything in between. The unique flexibility of the production line means that anything from just one replacement lamp up to large batch quantities for the most widely used types can be made. Power ratings range from 80 watts per cm up to 400 watts per cm.

lamps from a
12 mm arc length
up to **3.9 meters**

Our products are used in many applications:

Adhesive curing ■ Automotive components ■ CD manufacturing ■ Flexo printing ■ Glass decoration ■ Graphic arts ■ Inkjet printing ■ Large format printing ■ Label printing ■ Metal decorating ■ Narrow and wide web ■ Offset printing ■ Optical lens coating ■ Packaging ■ PCB manufacture ■ UV lacquer ■ UV finishing ... and many more

Tailor-made lamps: We speak your language. Talk to us.

For unusual lengths, special output characteristics and MH additives, we will produce the perfect Amba® lamp to suit your needs. For special OEM designs, we provide in-depth technical consulting by our R&D department and in-house test facilities.

Contact us here: hng-contact@excelitas.com

Metal halide lamps – for repro graphic and special curing applications

Metal halide lamps are most commonly used for repro graphic applications, and for some curing applications requiring enhanced spectral outputs. They are mercury lamps with the addition of gallium iodide, iron iodide or other rare earth metal iodides which alter the spectral output of the lamp. At Excelitas we are specialists in finding the right metal halide for your specific application that optimises the efficiency of your curing process. The quality of Amba® metal halide lamps can be quantified by:

- a long service life
- short exposure times
- small variations in exposure time during the life of the lamps
- reliable ignition





Replacement lamps for all UV system manufacturers

Abbess ■ American Ultra Violet ■ Amjo ■ Aquatron ■ Arradiant ■ Argon ■ Argus ■ Barberan ■ Brewer ■ C Sun ■ Cefla ■ Chambon ■ Colight ■ Colordry ■ Comco ■ Dubuit ■ Eltosch ■ Gallus ■ GEW ■ Giardina ■ Hackemack ■ Hanovia ■ Idealquartz ■ IST ■ Iwasaki ■ Japanese Storage Battery ■ Kammann ■ Ko-Pack ■ Mark Andy ■ Natgraph ■ Nilpeter ■ ORC ■ Primarc ■ Walter Reynolds ■ SPS ■ SPE ■ Sanki ■ Schneider ■ Siasprint ■ Singulus ■ Spectral ■ Starna ■ Svecia ■ Steinemann ■ Superfici ■ Technigraf ■ Theimer ■ Thieme ■ UV ■ Technology ■ VTI ■ Wallace Knight ... and many more

Absolute lamp reliability

When you receive your Amba® lamp, you can see the Amba® quality as you take it out of its box. Strong seals, immaculate quartz glass, high-quality electrodes and connectors are just a few indicators of a quality product. Once installed, they will do exactly what you expect them to do.

They simply start first time, every time, and provide a reliably high UV emission throughout their long lives. So you can rest assured and focus on your manufacturing process.

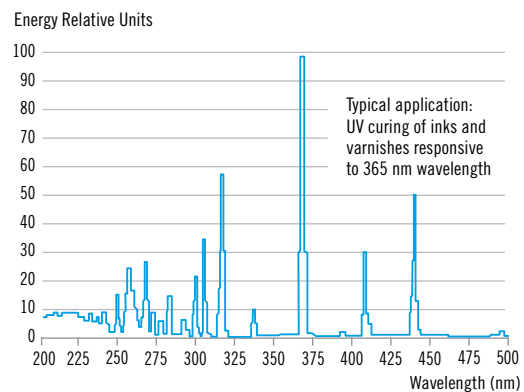
Perfect and consistent curing results

Amba® UV curing lamps are engineered and built for perfect and reliable curing results. We work hard to achieve this consistently high quality. Starting with best raw materials, the lamps are manufactured using latest technology and a level of workmanship that we take pride in.

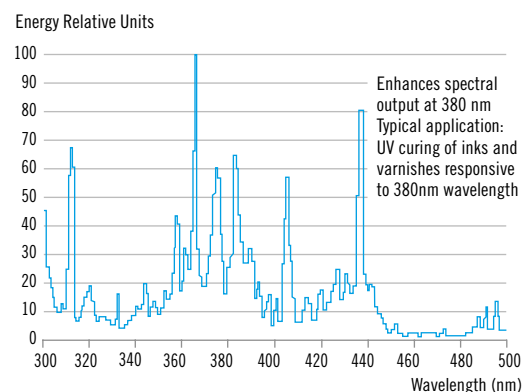
All Amba® UV lamps come with a "200 % tested" performance guarantee. Every lamp is tested not once, but twice before it leaves the factory. Amba® lamps have always been associated with quality and reliability.

Spectral output comparison:

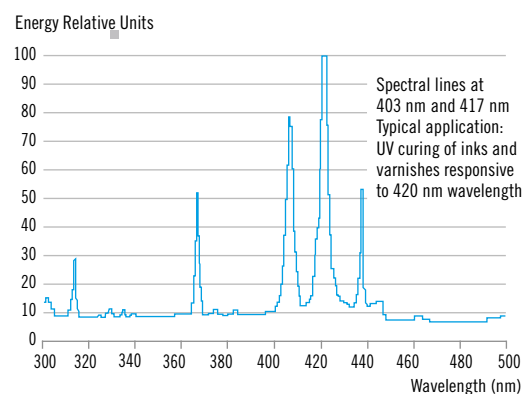
Typical spectral output of a mercury lamp



Typical spectral output of an iron iodide lamp



Typical spectral output of a gallium iodide lamp



About Excelitas Technologies

Excelitas is a leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor, aerospace and defense end markets. Headquartered in Pittsburgh, PA, USA, Excelitas is an essential partner in the design, development and manufacture of photonic technologies, offering leading-edge innovation in sensing, detection, imaging, optics, and specialty illumination for customers worldwide. Excelitas is at the forefront of addressing many of the relevant megatrends impacting the world today, including precision medicine, industrial automation, artificial intelligence, connected devices (IoT) and military modernization.

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