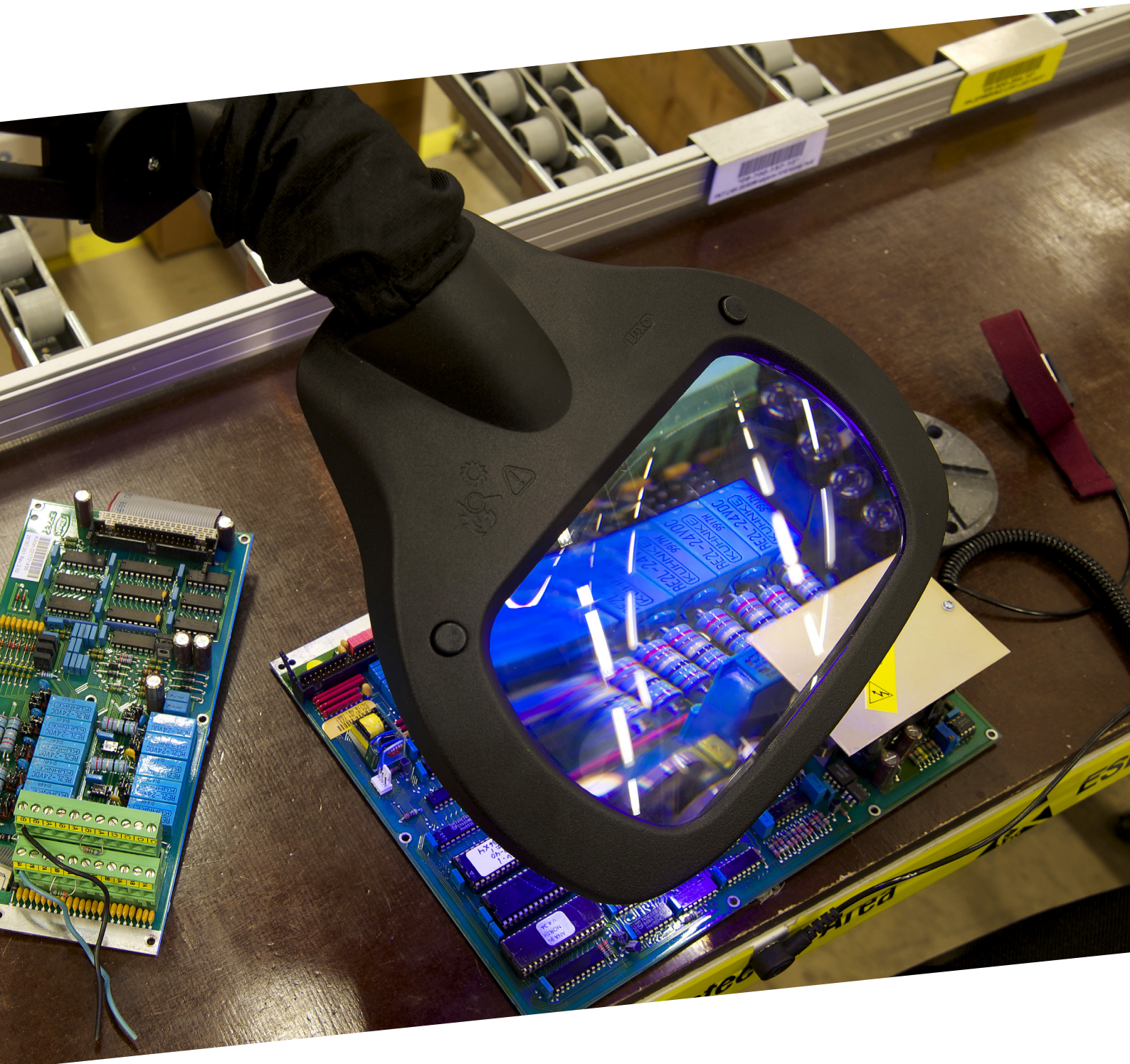


UV magnification

Wave LED UV and Wave LED ESD-UV



Illuminated magnifiers with UV-A light sources

Wave LED is a magnifier for industrial applications. Wave LED offers shadow-free magnification with light coming from both sides, as well as three-dimensional magnification with light coming from the left or right. The 3D-feature is especially welcome when working with circuit boards and similar delicate objects.

Wave LED is available with integrated UV-A light sources. The UV versions are primarily designed for the inspection of conformal coatings. UV tracer conformal coatings observed under the Wave LED UV light source glow a dark purple colour allowing for easy identification of uncoated areas. Experienced users can also see the volume of coating at different locations across a circuit board's surface.

The 400nm UV-A light sources are also ideal for the inspection of welds, solder joints and other areas of stress contamination. Other applications for this unique magnifier include criminology, museum and artwork restoration, document authenticity, leak detection, currency verification and gemstone and mineral inspection.

ESD-safe versions

ESD versions of Wave LED are also available, with regular or UV-A light sources. Wave LED ESD-UV is especially made for the electronics industry, where electrostatic discharges can prove fatal for electronic components. It is designed to drain away static charges as they occur in a controlled manner.

Maximum flexibility and precision

Wave LED is an arm-based luminaire in the Luxo tradition. The flexibility of

the joint between lamp head and arm makes exact positioning easy. There are no knobs to tighten, nothing to adjust. The three-pivot, spring balanced arm provides maximum vertical and horizontal movement, and will always stay in the right position without drifting. The arm length is 105 cm.

Quality optics

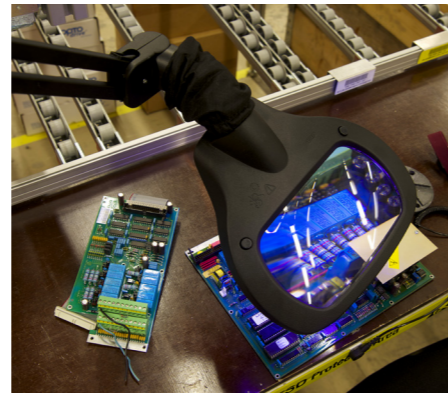
Wave LED is equipped with a large, rectangular optical quality glass lens measuring 175 x 108 mm. Choose between a 3.5 or 5 diopter crown glass lens (188% or 225% magnification.). For additional magnification a secondary suction lens of 4, 6 or 10 diopters can be attached to the glass lens.

UV-A LED light sources

Wave LED UV and ESD-UV are equipped with two 6W UV-A LED modules, which are individually controllable. These magnifiers are equipped with step dimming 0-50-100%. Timer functionality is also integrated. The light will automatically shut off after 4 (or 9) hours.

Power supply

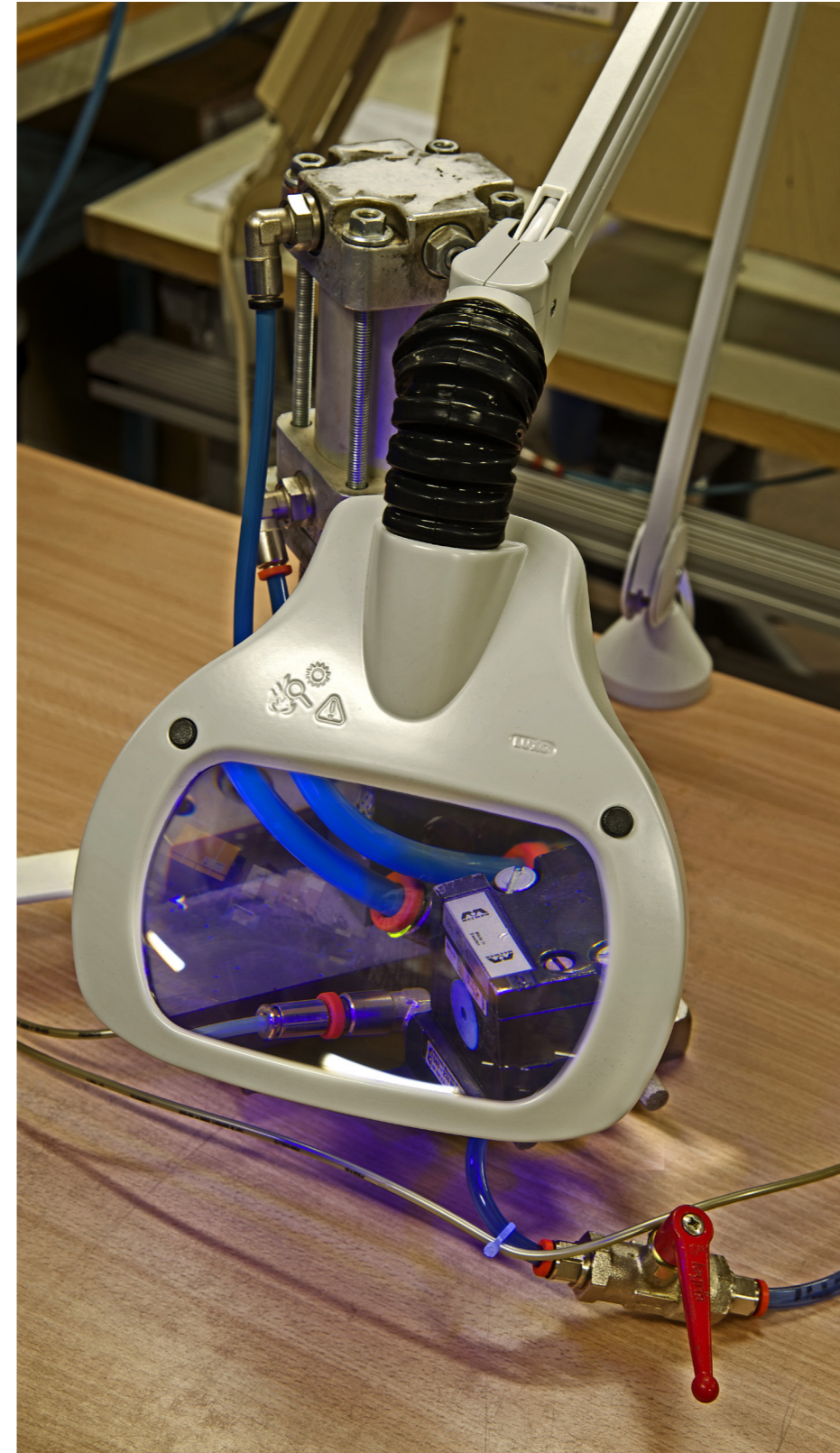
Wave LED is supplied with 2.5 meter cable and plug.



Front page image: Our Wave LED ESD-UV magnifier is ideal for the inspection of conformal coatings in the electronics industry.



Maximum flexibility and precision: The three-pivot, spring balanced arm provides maximum vertical and horizontal movement, and will always stay in the right position without drifting.



UV magnifiers are used for leak detection by manufacturers, and for maintenance purposes (MRO).



UV magnification is useful for currency verification, document authenticity and gemstone inspection.



The light from a UV magnifier will reveal if an oil painting has been previously damaged and restored or repainted.



Glamox Luxo Lighting

Glamox Luxo Lighting is a leading supplier of lighting solutions to the professional building market, offering complete product ranges for schools, healthcare facilities, commercial and industrial buildings, retail facilities, hotels, restaurants and more.

Our products and solutions are developed and tested by our engineers at our own research and testing facilities, and manufactured and certified in accordance with all relevant quality and environmental standards. They are based on the latest technology and expertise – and generations of experience.

