

WAVE+PLUS MAGNIFIERS

For more than 75 years, Luxo has been the worldwide leader in magnification and lighting products. From inspection to assembly to rework applications, Luxo's illuminated magnifiers are designed for today's rigorous manufacturing environments and with the individual user in mind. Operators truly appreciate the diverse range and unique ergonomic features. Choices of magnification levels, light sources, arm lengths and mounting options combine to offer the best product for all forms of working conditions and applications. The end result is increased user productivity and comfort which ensures that Luxo illuminated magnifiers will continue to be an essential element in any manufacturing facility. Today, Luxo's illuminated magnifiers are recognized as "best in class" in such countries as the U.S., Canada, Great Britain, Norway, Sweden, Denmark, Germany, Portugal and Italy.



17845LG



17847BK

The **WAVE+Plus Magnifier** was introduced as the industry's first rectangular-lensed illuminated magnifier. Now, over twenty years since its introduction, the WAVE+Plus Magnifier remains the top choice of technicians, assembly operators and quality control inspectors due to its wide-view, rectangular-shaped lens, excellent lighting and time-tested, heavy-duty internal-spring K-arm.

- 6.75" x 4.5" precision-ground white crown optical-quality glass lens.
- Adjustable neck for positioning the magnifier head at the proper viewing angle so as to ensure the operator maintains correct posture.
- 10-diopter swing away accessory lens available.
- Lighting: two 13-watt quad compact fluorescent tubes.
- Dual switches for independent lighting controls. With one light on, shadowing is possible; with both on, full illumination results.
- Magnification: 3.5-diopter lens (1.88X) or 5-diopter (2.25X) lens.
- Total magnification possible 4.75X.
- A blue indicator for each lamp (indicating on/off fluorescent tube).
- Heavy duty internal-spring K-arm, 0.5" square steel tubing – 20 gauge CRS.
- ABS plastic construction with polycarbonate lamp (bulb) covers.
- HF ballast.
- UL/CUL listed.
- 5 year warranty.



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17900BK



17947LG

WAVE+Plus Magnifiers, each with a stadium-shaped lens, offer the largest distortion-free viewing area in the industry. In addition to standard lens models, ESD-Safe and UV magnifiers are available.

WAVE+Plus ESD-Safe Magnifiers are designed for use in static sensitive environments as they guard against uncontrolled static dissipation. The outer surfaces of the components in the head assembly are protected with a special coating that alters the electrical characteristics at the surface of the materials. This specially-treated material results in a surface resistivity of $10^6 - 10^7 \Omega/\text{sq.}$ (static dissipative). Since the surfaces are no longer insulative, triboelectric charging results in drastically lower voltages, especially since any charge (under 50 volts) is uniformly distributed throughout the entire surface of the unit's head assembly. The magnifier arms are powder-coated with a metal-laced paint that measures $10^{10} \Omega/\text{sq.}$ (static dissipative). An Anti-Reflective lens dissipates glare from overhead lighting so it is not necessary to bend over the lens to block out light reflections. This combination of protection makes the WAVE+Plus ESD-Safe Magnifier the foremost ESD-Safe magnifier in the industry.

WAVE+Plus UV Magnifiers are multi-tasking products primarily designed for inspection of conformal coatings. The UV lightsource is also ideal for detailed inspection of welds, solder joints and other areas of stress concentration. Additional applications include inspection of surfaces and finishes in fields such as criminology, museum and artwork restorations, document authenticity, leak detection, currency verification and gemstone and mineral inspection.

WAVE+Plus Magnifiers

Part No.	Description	Lens Type	Color	Arm Length	Mounting Bracket
I7845	WAVE+ K1AH	3.5-Diopter	BK, LG	45"	Edge Mount
I7846	WAVE+ K2AH	3.5-Diopter	BK, LG	30"	Edge Mount
I7847	WAVE+ K2FE	3.5-Diopter	BK, LG	30"	Base Mount
I7900BK	WAVE+ ESD K1A	3.5-Diopter ESD-Safe	BK	45"	Edge Mount
I7902BK	WAVE+ ESD K2A	3.5-Diopter ESD-Safe	BK	30"	Edge Mount
I7904BK	WAVE+ ESD K2FE	3.5-Diopter ESD-Safe	BK	30"	Base Mount
I7915	WAVE+ UV K1AH	3.5-Diopter	BK	45"	Edge Mount
17945	WAVE+ FK1AH 5D	5-Diopter	LG	45"	Edge Mount
17946	WAVE+ FK2AH 5D	5-Diopter	LG	30"	Edge Mount
17947	WAVE+ FK2FE 5D	5-Diopter	LG	30"	Base Mount
17910BK	WAVE+ FK1 ESD AH 5D	5-Diopter ESD-Safe	BK	45"	Edge Mount

NOTE: Black (BK), Light Gray (LG)