



Magnifying Lamp

Selection Guide



Tools for
Advancing
Innovation™

A Closer Vue

Selecting the Right Mag Lamp



Diopter/Magnification

Diopter refers to the curvature of the magnifying lens. The larger the diopter, the thicker the lens and the higher the magnification. However, with greater magnification comes decreased working distance and a smaller field of view.

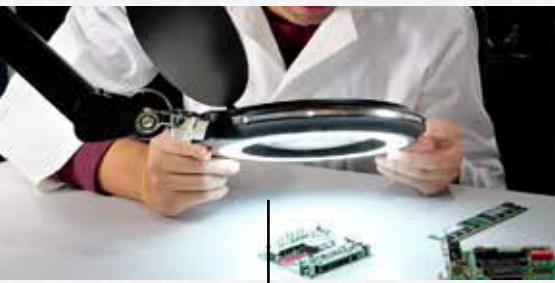
To find the magnification of a given lens, divide its diopter by 4 and add 1: for example, Aven's Pro Vue SuperSlim Magnifying 8 Diopter lamp offers 3x magnification because $8 \text{ diopter} / 4 + 1 = 3x$ magnification.



5 Diopter Lens



8 Diopter Lens



Working Distance/ Focal Length

Working distance or focal length is the distance from the lens that's needed to keep the object in focus. The larger the magnification power of a lens, the closer the lens must be to an object to keep it in focus. Consequently, higher magnification will result in a smaller area for operators to work with under the lens.

Field of View

This is the size of the magnified area in focus under the lens – the higher the magnification, the smaller the field of view. Field of view is like zooming in/out on an online map where you can choose to either see all of the side streets in a few city blocks (low field of view) or look at an entire city without all of the smaller details (higher field of view).

ESD Safe



An ESD safe tool is one that has been treated to prevent the buildup and discharge of static electricity. Mag lamps are made ESD safe in various ways, including applying special polymers to their lenses and constructing them of non-reactive materials like aluminum. ESD safety is an important consideration for users who are working with any electrical component, from circuitry to computer chips.

The Aven Advantage

Superior Components for a Superior Vue



Enclosed Arms

An enclosed arm means no partially or fully exposed springs which eliminates pinching hazards and protects the arm's mechanisms from damage. Aven magnifying lamps are designed to allow users to lock the lamp in any position, adding flexibility to any task or work bench.

Beautifully Crafted Designs

In addition to high quality optics, illumination, and build quality, Aven's magnifying lamps were also designed to look distinctive. These sleek designs are exclusive to Aven and set us apart from the competition!

SMD LED Illumination

All Aven LED magnifying lamps come equipped with surface-mounted LED circuit boards. Ultra-bright, shadow-free illumination, rated to provide high-output performance over a minimum of 20,000+ hours of use.

Crystal-Clear Glass Lenses

While some economy model magnifying lamps feature a cost-savings plastic lens, all Aven lamps feature high quality glass lenses for distortion-free viewing. Our product line features 8-diopter, 5-diopter and 3-diopter options to suit the needs of various magnification and working distance needs.



Aven's magnifying lamps now feature a 3-year warranty. This extended warranty reaffirms Aven's commitment to providing the industry with the highest quality magnifying lamp products at competitive prices. To Learn more about Aven's warranty visit aventools.com/warranty

AVEN Magnifying Lamps



Pro Vue

LED Magnifying Lamp

Discover the ultimate tool that brings unparalleled clarity to your detailed work, the ProVue Magnifying Lamp. Designed for professionals who demand precision and versatility, this lamp is an indispensable addition to your workspace!



Pro Vue MAX

ESD Safe Magnifying Lamp w/ Cool and Warm LEDs

Featuring a 6 inch crystal clear 5 diopter glass lens, this magnifying lamp offers LEDs with brightness and color temperature controls which feature a memory function that retains the last used settings.

The patented swivel joint design also allows the lamp to be positioned where required, providing flexibility and ease!



- Adjust the knob to set your position
- Stays in place in any position
- Pinch-free and no exposed wires

Pro Vue MAX UV

ESD Safe Magnifying Lamp w/ Ultraviolet and White LEDs

The ProVue MAX UV is equipped with 48 adjustable white LEDs and 28 UV LEDs operating at 365nm.

This unique illumination system allows operators to switch between Ultraviolet (UV) LEDs or standard white LEDs, providing versatility for a wide range of applications!



- These magnifying lamps offer the flexibility of using an interchangeable lens



ProVue SuperSlim

The innovative ProVue SuperSlim is a durable and powerful magnifying lamp. Featuring 60 energy-efficient LED Lights for bright, shadow-free illumination for your work bench.

ProVue Super Slim
26501-LED



Models

26501-LED - ProVue SuperSlim LED Magnifying Lamp 5 Diopter Lens

26501-LED-8D - ProVue SuperSlim LED Magnifying Lamp 8 Diopter Lens

AVEN Magnifying Lamps



Mighty Vue Pro

Control your Vue with the Mighty Vue Pro line of magnifying lamps. Two lamps feature exclusive brightness + color temperature capabilities and our newest Mighty Vue Pro UV features 48 white adjustable LEDs and a UV LED option. Aven's Mighty Vue Pro series of magnifying lamps are some of the most advanced magnifying lamps available!

Models Mighty Vue Pro Magnifying Lamps

26505-ESL-XL5 - 5-Diopter w/ Color Temperature Controls | ESD Safe (Black)

26505-ESL-XL5-UV - 5-Diopter w/ UV & White LEDs | ESD Safe (Black)

26505-LED-XL3 - 3-Diopter (White)



In-X

Aven's In-X redefines what is possible with a magnifying lamp. This cutting edge lamp is designed to greatly expand the magnification range beyond what a standard magnifying lamp can offer by accommodating multiple lenses. The exclusive lenses are housed in a rubberized ring, designed for easy lens exchange. Includes a crystal-clear 5 diopter glass lens (2.25x magnification).

Models In-X Interchangeable Magnifying Lamp

26501-LED-INX: 5 Diopter Lens

26501-LED-INX-8D: 8 Diopter Bundled w/ a 5 Diopter Lens

26501-LED-INX-12D: 2 Diopter Bundled w/ a 5 Diopter Lens

26501-LED-INX-15D: 5 Diopter Bundled w/ a 5 Diopter Lens



Deluxe Series

Aven's Deluxe Series magnifying lamps are beautifully crafted and built to last a lifetime. Durable aluminum construction, multiple locking joints, and spring-free friction arms. Aven's Deluxe Series lamps also feature dual temperature brightness intensity controls with 36 ultra-bright energy-efficient white LEDs and 36 Amber LEDs for shadow-free illumination.

Model

26501-LFL-LED - ProVue Deluxe Magnifying Lamp 5 Diopter w/ White & Amber LEDs

ProVue Deluxe
26501-LFL-LED



Mighty Vue Inspector

Magnifying Lamp w/ Built-in Camera



5 Diopter (ESD Safe)

The **Mighty Vue Inspector** is a magnifying lamp and camera inspection system in one self-contained unit, allowing you to view the image directly on an HDMI monitor, capture images on the included microSD Card, and even connect to your PC for viewing or relocating saved images, and additional software features.



3 Diopter



UV 5 Diopter (ESD Safe)

Models

26510-CAM - Mighty Vue Inspector 3 Diopter Magnifying Lamp w/ Built-in Camera (White)

26512-CAM - Mighty Vue Inspector 5 Diopter Magnifying Lamp w/ Built-in Camera | ESD Safe (Black)



30 High Intensity
3500K(Warm) LEDs



30 High Intensity
6500K(Cool) LEDs



30 UV LEDs
365nm

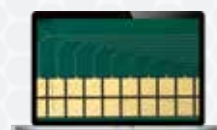
Tilt the camera to adjust
the image on screen to
your desired angle



SD Card Port
(Save Images/Videos)



HDMI Output:
View on HD Monitor



USB Output:
Connect to PC
(Software not included)



Magnifying Lamp Table



Product #	Diopter	Lens Size	Magnification	Working Distance	Color Temp	ESD Safe	Lighting
26501-LED-INX IN-X	5	5" Round	2.25x	8"	6500K		64 LEDs
26501-LED-INX-8D IN-X Bundle	8 & 5	5" Round	3x	5"	6500K		64 LEDs
26501-LED-INX-12D IN-X Bundle	12 & 5	3.75" Round	4x	3.5"	6500K		64 LEDs
26501-LED-INX-15D IN-X Bundle	15 & 5	3.75" Round	4.75x	1"	6500K		64 LEDs
26501-XL35 ProVue Solas	5	5" Round	2.25x	8"	6500K		60 SMD LEDs
26501-XL58 ProVue Solas	8	5" Round	3x	5"	6500K		60 SMD LEDs
26501-LED ProVue SuperSlim	5	5" Round	2.25x	8"	6500K		60 SMD LEDs
26501-LED-8D ProVue SuperSlim 8 Diopter	8	5" Round	3x	5"	6500K		60 SMD LEDs
26501-LFL-LED ProVue Deluxe	5	5" Round	2.25x	8"	3500K - 6500K	✓	36 White LEDs 36 Warm LEDs
26505-ESL-XL5 Mighty Vue Pro 5 Diopter	5	7.5" x 6.2"	2.25x	8"	3500K/ 6500K	✓	30 White LEDs 30 Warm LEDs
26505-ESL-XL5-UV Mighty Vue Pro 5 Diopter w/ UV & White LEDs	5	7.5" x 6.2"	2.25x	8"	6500K/ 400nm	✓	48 Adjustable White LEDs 30 UV LEDs
26505-ESL-XL3 Mighty Vue Pro 3 Diopter	3	7.5" x 6.2"	1.75x	13"	3500K/ 6500K		30 White LEDs 30 Warm LEDs
26505-MX5 Mighty Vue Slim	5	4" x 6"	2.25x	8"	6500K		60 SMD LEDs
26507-XL5 OptiVue Desk Lamp	5	4" Round	2.25x	8"	6500K		60 SMD LEDs
26510-CAM Mighty Vue Inspector 3 Diopter w/ Built in Camera	3	7.5" x 6.2"	1.75x	13"	3500K/ 6500K		30 White LEDs 30 Warm LEDs
26512-CAM Mighty Vue Inspector 5 Diopter w/ Built in Camera	5	7.5" x 6.2"	2.25x	8"	3500K/ 6500K	✓	30 White LEDs 30 Warm LEDs



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products

