



Tools for
Advancing
Innovation

Magnifying Lamp

Selection Guide



A Closer Vue

Selecting The Right Mag Lamp

Choosing the correct magnifying lamp for your applications will depend on the following factors:

Diopter/Magnification

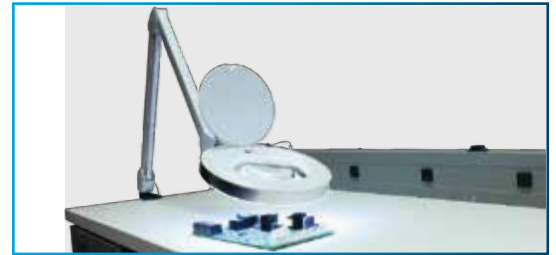
Diopter refers to the curvature of the magnifying lens. The larger the diopter, the thicker the lens and the higher the magnification. However, with greater magnification comes decreased working distance and a smaller field of view.

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.



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 or out in an online map: you can choose to either see all of the side streets in just a few city blocks (low field of view), or lose those details to look at an entire city (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.



SMD LED Illumination

SMD stands for "Surface Mount Device" which means electronic components are mounted directly on the surface of the circuit boards, eliminating pins that go through holes in the board.





Tools for
Advancing™
Innovation

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.

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-saving 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.

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.

3- Year Warranty

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 offers, visit
aventools.com/warranty

aventools.com

AVEN Magnifying Lamps

In - X



Aven's **In-X** redefines what is possible with a magnifying lamp. This patent-pending, 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).

4 models available:

- 26501-LED-INX In-X Interchangeable Mag Lamp - 5-Diopter Lens
- 26501-LED-INX-8D In-X Interchangeable Mag Lamp Bundle - 8 and 5 Diopter Lens
- 26501-LED-INX-12D In-X Interchangeable Mag Lamp Bundle - 12 and 5 Diopter Lens
- 26501-LED-INX-15D In-X Interchangeable Mag Lamp Bundle - 15 and 5 Diopter Lens

ProVue Solas

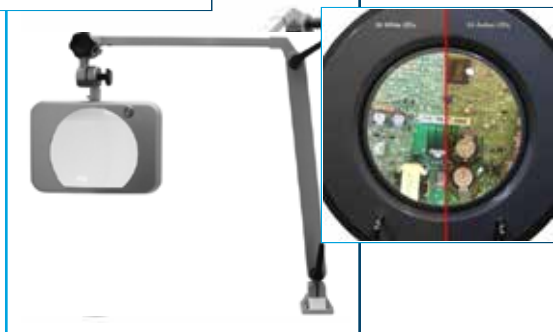


Aven's **ProVue Solas** magnifying lamps offer the flexibility of using the included 8-Diopter lens or the 5-Diopter lens. This lamp features 60 ultra bright SMD LEDs with brightness controls, a fully enclosed spring-balanced arm, protective lens cover, and a heavy-duty table clamp.

2 models available:

- 26501-XL35 ProVue Solas XL35 - 5-Diopter Lens
- 26501-XL85 ProVue Solas XL85 - 8-Diopter Lens

Deluxe Series

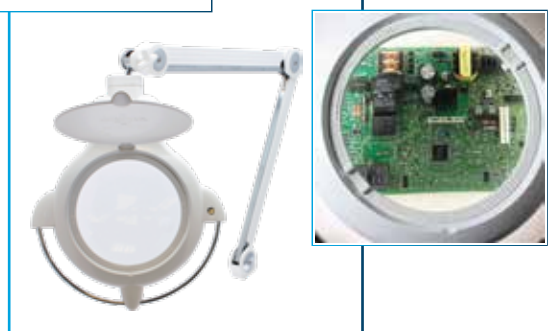


Aven's **Deluxe Series** magnifying lamps are beautifully crafted and built to last a lifetime. Durable aluminum construction, multiple locking joints, and spring-free friction arms. Aven's Deluxe Series lamps also feature dual temperature brightness intensity controls with 36 ultra-bright energy-efficient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

1 model available:

- 26501-LFL-LED ProVue Deluxe - 5" round lens | Dual Color Temp

ProVue Touch



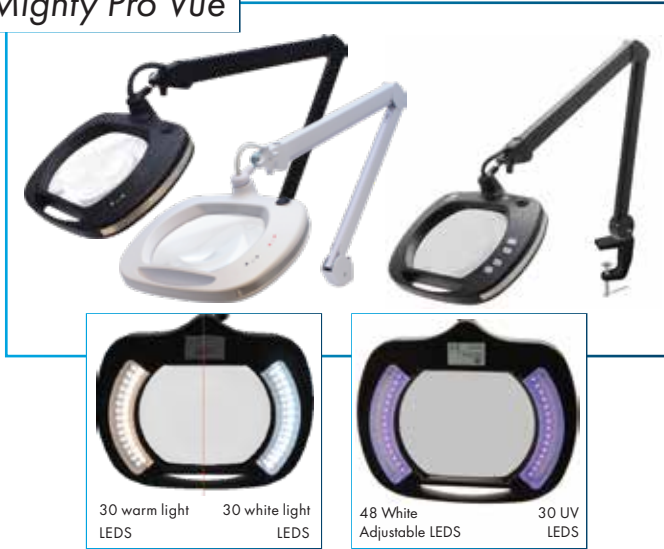
Aven's **ProVue Touch** magnifying lamps feature a modern slim design with a large 7" 3-Diopter round glass lens and a 3-stage brightness control button.

1 mode available:

- 26508-LED - 54 white SMD LEDs

Magnifying Lamps Continued..

Mighty Pro Vue



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

3 models available:

26505-ESL-XL5 - 5-Diopter Lens | ESD Safe (Black)

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

26505-ESL-XL5-UV- 5-Diopter | ESD Safe | UV (Black)

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.

3 models available:

26501-LED - 5-Diopter lens

26505-LED-8D - 8-Diopter Lens

26501-SIV - 5-Diopter Lens | 22W Fluorescent Bulb (No LEDs)

Mighty Vue Slim



Aven's **Mighty Vue Slim** magnifying lamps feature 60 energy-saving SMD LEDs, and an adjustable tension knob that keeps the lamp set in any position. Features a 4x6" 5-diopter rectangular glass lens, rotatable lamp head, protective lens cover, and brightness intensity controls.

1 model available:

26505-MX5 Mighty Vue Slim - 5-Diopter Lens

[Click here](#) to further explore
Avens Magnifying Lamp Selection

Magnifying Lamp Selection Chart

Product #	Diopter	Lens Size	Magnification	Working Distance	Color Temp.	Arm Style	ESD safe	Lighting	Lighting Control
26501-LED-INX IN-X Interchangeable	5	5" Round	2.25x	8"	6500K	Spring Balanced	No	64 LEDs	Touch-sensitive buttons
26501-LED-INX-8D IN-X Bundle	8 and 5	5" Round	3x	5"	6500K	Spring Balanced	No	64 LEDs	Touch-sensitive buttons
26501-LED-INX-12D IN-X Bundle	12 and 5	3.75" Round	4x	3.5"	6500K	Spring Balanced	No	64 LEDs	Touch-sensitive buttons
26501-LED-INX-15D IN-X Bundle	15 and 5	3.75" Round	4.75x	1"	6500K	Spring Balanced	No	64 LEDs	Touch-sensitive buttons
26501-XL35 ProVue Solas	5	5" Round	2.25x	8"	6500K	Spring Balanced	No	60 SMD LEDs	Touch-sensitive buttons
26501-XL58 ProVue Solas	8	5" Round	3x	5"	6500K	Spring Balanced	No	60 SMD LEDs	Touch-sensitive buttons
26501-LED ProVue SuperSlim	5	5" Round	2.25x	8"	6500K	Spring Balanced	No	60 SMD LEDs	N/A
26501-LED-8D ProVue Super Slim 8D	8	5" Round	3x	5"	6500K	Spring Balanced	No	60 SMD LEDs	N/A
26501-SIV ProVue SuperSlim Fluorescent	5	5" Round	2.25x	8"	6500K	Spring Balanced	No	Fluorescent Bulb	N/A
26505-ESL-XL5-UV Mighty Vue Pro 5D UV	5	7.5" x 6.2"	2.25x	8"	6500K/400nm	Spring Balanced	Yes	48 Adjustable White LEDs 30 UV LEDs	Touch-sensitive buttons
26505-ESL-XL5 Mighty Vue Pro 5D	5	7.5" x 6.2"	2.25x	8"	3500K-6500K	Spring Balanced	Yes	30 White LEDs 30 Warm LEDs	Touch-sensitive buttons
26505-LED-XL3 Mighty Vue Pro 3D	3	7.5" x 6.2"	1.75x	13"	3500K-6500K	Spring Balanced	No	30 White LEDs 30 Warm LEDs	Touch-sensitive buttons
26505-MX5 Mighty Vue Slim	5	4" x 6"	2.25x	8"	6500K	Spring Balanced	No	60 SMD LEDs	Touch-sensitive buttons
26507-XL5 OptiVue Desk Lamp	5	4" Round	2.25x	8"	6500K	Flex Arm	No	60 SMD LEDs	N/A
26508-LED ProVue Touch	5	7" Round	2.25x	8"	6500K	Spring Balanced	No	54 SMD LEDs	3-Stage Intensity Button
26505-IFL-LED Mighty Vue Deluxe	5	5" Round	2.25x	8"	3500K-6500K	Friction	Yes	36 White LEDs 36 Amber LEDs	Intensity Dial

Magnifying Lamp

Cross Reference Chart



Aven	OC White	OC White Accu-Lite Series	Vision Luxo	Daylight
26501-LED-INX IN-X Interchangeable	N/A	ALRO5-45-5D-W	N/A	N/A
26501-LED-INX-8D IN-X Bundle	N/A	N/A	N/A	N/A
26501-LED-INX-12D IN-X Bundle	N/A	N/A	N/A	N/A
26501-LED-INX-15D IN-X Bundle	N/A	N/A	N/A	N/A
26501-XL35 ProVue Solas	N/A	ALRO5-45-B	N/A	U25110
26501-XL58 ProVue Solas	N/A	ALRO5-45-5D-W	N/A	U25110
26501-LED ProVue SuperSlim	22400	ALRO5-45-5D-W	ILFM Series	U25030
26501-LED-8D ProVue Super Slim 8D	22400	N/A	N/A	N/A
26501-SIV ProVue SuperSlim Fluorescent	Em-45	ALRO5-45-5D-W	IFM Series	UN1020
26505-ESL-XL5-UV Mighty Vue Deluxe	82400 Series	N/A	KFM Series	N/A
26505-ESL-XL5 Mighty Vue Pro 5D	82400 Series	N/A	Wave LED ESD Series	N/A
26505-LED-XL3 Mighty Vue Pro 3D	82400 Series	ALREC-45-W	Wave LED ESD Series	U25040
26505-MX5 Mighty Vue Slim	N/A	N/A	N/A	U25040
26507-XL5 OptiVue Desk Lamp	N/A	N/A	N/A	UN1040
26508-LED ProVue Touch	62400 Series	N/A	KFM Series	U25040 U22080 U25130
26501-LFL-LED ProVue Touch Dual Temp	N/A	N/A	KFM Series	N/A



Tools for
Advancing
Innovation

CONTACT US

4330 Varsity Dr,
Ann Arbor, MI 48108

Phone: 734.973.0097

sales@aventools.com

www.aventools.com

