

Good design is founded on a total understanding of function

Coil are pleased to introduce AT8 LED Illuminated Magnifier to our family of products.

Using our World renowned Bi-Aspheric lens, the AT8 has been designed to combine new innovative technology and specific ergonomic considerations to provide a product that better meets the modern needs of the visually impaired.

AT8 is not only simple to use, easy to carry and convenient to store, it is modern in its design and is truly an aid to the user for both indoor/outdoor use.

The AT8 is simply activated by picking up and holding in either hand and will automatically turn off when released; no more difficult switch operation.

Our LED light source offers better illumination and longer lasting, more efficient light.

The AT8 is powered by environmentally friendly sealed rechargeable batteries, eliminating the need for constant battery change. It is supplied with a recharger and a black protective case that offers additional protection.



A new generation of magnifiers

- **No More Battery Changes**
- **No More Difficult Switches**

3x

5x

7x

9x

11x



Features

- Touch control
- Ergonomic shape
- Powered by high capacity nickel metal hydride rechargeable batteries
- No battery purchase
- Environmentally friendly
- Five lens power variations
- Bi-aspheric lenses
- Supplied with Mains Charger
- Maintenance free, sealed LED light source
- LED's have 150 times longer life expectancy than conventional bulbs
- LED Luxe performance is 800/900
- LED's are shock resistant
- Unique sealed outer diffuser lens assembly design
- LED's do not generate heat
- Supplied with black protective metal case
- Colour all white body and heads
- Attractive, bright, robust packaging

Benefits

- Ease of use, even for patients with poor grip or low articulation and eliminates battery waste
- Easy hold handles conform naturally to the hand for comfortable hold
- Full charge typically gives 16 hours of use
- Considerably reduced running costs
- Eliminates repeated battery disposal
- A comprehensive range offering great choice and flexibility
- Designed to be free of significant distortion
- Charger has EU, UK or USA plug
- Tamper resistance offers operation longevity
- More cost effective
- Optimum Illumination
- Increased protection against accidental damage
- Offers a broad, even spread of light
- Improved safety
- Daily protection for long lasting use
- Improves magnifier illumination performance by up to 10%
- For easy identification and storage

Touch control technology uses a sensitive conductive technique, operating safely without the need for pressure. COIL lenses are optically optimised using the latest computer software and manufactured using the highest quality optical acrylic material.

Your AT8 fully conforms to: BS EN ISO 15253: 2000, CE, EMC and UL standards

AT8 Illuminated Magnifier

Europe	North America	U.K.	Description**	Magnification (1+F/4)*	Equivalent Power F (D)	Lens Diameter (mm)	Image Vergence	Effective Focal Length (mm)	Field of View on Page (mm)
8270/01	8270/03	8270	CM+C	3.0x	8.0	48.0	-4.0D	25.45	80.0
8146/01	8146/03	8146	CM+C	5.0x	16.0	48.0	-4.0D	32.95	50.0
8147/01	8147/03	8147	CM+C	7.0x	24.0	48.0	-4.0D	41.95	35.0
8148/01	8148/03	8148	CM+C	9.0x	32.0	48.0	-4.0D	31.46	24.0
8271/01	8271/03	8271	CM+C	11.0x	40.0	40.0	-4.0D	25.08	20.0
8100/01	8100/03	8100	C Only						

* Magnifier conforms to BS EN ISO 15253: 2000 except that trade magnification is quoted instead of nominal magnification and is calculated using $(1 + \text{Equivalent Power}/4)$

** CM = Complete Magnifier, C = Charger.

