

NORVILLE

— AN INSPECS GROUP PLC COMPANY —



Low Vision Aids and Magnifiers

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GLOSSARY OF TERMS

A simple explanation of some of the technical terms used.

- AMD* *Age-related macular degeneration (also called ARMD), the most common cause of sight impairment in later life.*
- Ametropia* *In need of spectacle correction, this term covers astigmatism, long and short sightedness.*
- Aspheric* *A complex surface curve used to minimise lens aberrations.*
- Bi-aspheric* *Bi-aspheric means an aspheric curve applies to both surfaces.*
- Field of view* *How wide an area you can see, e.g. how many words on a page you are able to see with each magnifier.*
- Focal length* *Decided by the power of the lens, it is shorter for stronger lenses. It is the distance at which the lens focuses light from a source.*
- LED* *Light Emitting Diode (a type of light source giving a white light).*
- Lens aberrations* *These are the annoying curving, distorting and rainbow effects seen at the edges of a magnifier.*
- Lens aperture* *The diameter of the lens.*
- Low vision practitioner* *An eye care professional who specialises in assessing sight impaired users and prescribes magnifying aids, usually an optician.*
- LVA* *Low vision aid.*
- Presbyope* *A person who has normal sight but has reached the stage of middle & presbyopia age where reading glasses are needed, a normal part of the ageing process in the eye.*
- Residual vision* *The vision that a sight impaired person has left (or Remaining vision).*
- Task lighting* *Having a lamp close to and pointing at what you are looking at. A specialist lamp used for near or close-up tasks.*
- Working distance* *The distance between your eye and the thing you are looking at.*

Low Vision Aids and Magnifiers



Norville offer a substantial range of low vision aids providing the optimum solution for both people with or without visual impairment, requiring assistance for everyday tasks.

Whether it's a simple hand magnifier or digital magnification, we have endeavoured to offer a solution to suit every customers' needs, promoting independence and quality of life.



It is estimated there are around two million people with low vision in the UK. As the population age grows older, the number of people with low vision increases, with other factors including macular degeneration, diabetic retinopathy, cataracts and glaucoma, being among the common optical ailments contributing to low vision.



To place an order, or for more information on any product, please contact:

Tel: 01452 510321 • Fax: 01452 510331 • **Email: sales@norville.co.uk**

Norville (20/20) Ltd, Waterwells Drive, Gloucester GL1 2AA

www.norville.co.uk



ESCHENBACH

BI-CONVEX HAND HELD MAGNIFIER

Transparent plastic frame, lightweight lens. Magnifiers c, d, e and h, have an additional lens in the handle.

a	261465	65mm	3x	e	2612801	80mm	2.25x
b	261480	80mm	2.5x	f	2614150	100 x 50mm	2x
c	2612401	40mm	3.2x	g	2614840	80 x 40mm	2.5x
d	2612601	60mm	2.5x	h	26129501	90 x 50mm	2x



OMEGA BIFOCAL HAND HELD MAGNIFIER

Plastic frame. Hardcoated plastic lenses with D shape bifocal. Free display stand available.

a	1110-P	50mm	3x/4.5x
b	1120-P	65mm	2.5x/4x
c	1130-P	75mm	2x/4x
d	1140-P	90mm	2x/4x
e	1150-P	100mm	2x/4x



ASPHERIC OMEGA HAND HELD MAGNIFIER

Plastic frame. Aspheric hardcoated plastic lens.

a	AS-14	90mm	3.5x
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PREMIERE HAND HELD MAGNIFIER

Wooden handles, chrome plated frame. High quality white glass lenses. Free display stand available.

a	1421	65mm	3x	b	1431	75mm	2.5x
c	1441	90mm	2.5x	d	1451	100mm	2x
e	1461	115mm	1.8x				



RECTANGULAR HAND HELD MAGNIFIER

Plastic handles, chrome plated frame. Glass lenses. Free display stand available.

a	1510	40 x 75mm	2.5x
b	1520	45 x 90mm	2.5x
c	1530	50 x 100mm	2x



COMPACT HAND MAGNIFIER

Lightweight design with ergonomic handle, plastic bifocal lens.

a	1550-P	75mm	2x and 4x
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HAND/STAND MAGNIFIER

Lightweight design with ergonomic handle.

a	2031	100 x 50mm	2.6x
b	2032	100 x 75mm	2.8x
c	2034	75 x 50mm	3.5x
d	2036	100 x 50mm	2.6x
e	20501	60mm	2.5x

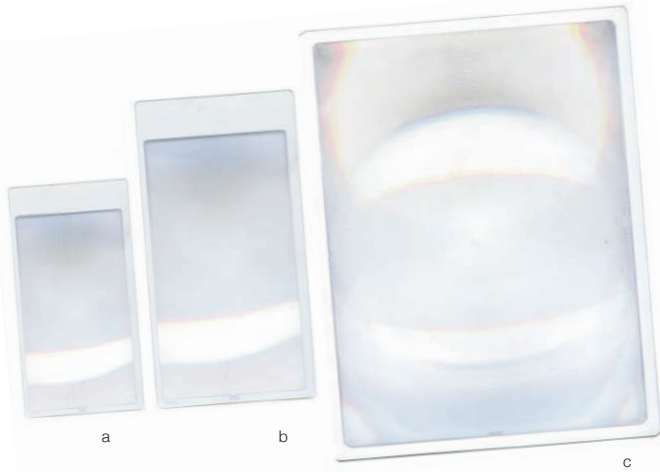
ESCHENBACH



APLANATIC

Ergonomic shape handle for comfortable grip. Special lens design which is distortion free right up to the edge.

a	2668950	90 x 50mm	2.7x
b	266860	90 x 60mm	3.8x
c	266875	90 x 75mm	2.9x
d	266850	90 x 50mm	4.5x



SHEET MAGNIFIERS

Flat sheet Fresnel magnifiers. Protective case included with a & b.

a	184	55 x 85mm	3.5x
b	019	78 x 150mm	2x
c	020	215 x 280mm	2x



NEWS READER 1000

Fresnel magnifier in mount with hand grip. Main lens 168 x 119mm, x2 magnification with x4 round 34mm inset portion



ILLUMINATED MAGNIFIER

Plastic bodies with glass lenses on a, b and d. Plastic lens with D shape bifocal on c. Battery powered illumination.

a	L170	90mm	2.5x
b	L150	65mm	3x
c	L170-P	90mm	2x/4x
d	HL60	60mm	3x



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MOBILUX LED

This design is lightweight with an ergonomic handle, a large light switch and white LED light. Scratch resistant aspheric lenses. Protective case.

a	15112	60mm	3x	e	15117	35mm	7x
b	15113	75 x 50mm	3.5x	f	151110	35mm	10x
c	15114	60mm	4x	g	151112	35mm	12.5x
d	15115	58mm	5x				



LED HAND ILLUMINATED

Lightweight hand held with battery powered LED illumination.

a	LE-65	65mm	3x
b	LE-75	75mm	2.5x
c	LE-90	90mm	2x



ASPHERIC STAND

Aspheric hardcoated lenses.



a	2626	50mm	6x
b	2628	35mm	10x
c	263611		2.8x (detachable second lens)
d	26367		2.8x



ILLUMINATED STAND MAGNIFIER

Metal and plastic bodies with glass lenses. Battery powered illuminated cups.

a	M170	30mm	7x
b	M320	80mm	2x
c	M50	45 x 90mm	2.5x



a	158614	58mm	3.5x	8000k (cold light)
b	1586141	58mm	3.5x	3000k (warm light)
c	158620	58mm	5x	8000k (cold light)
d	1586201	58mm	5x	3000k (warm light)
e	158628	58mm	7x	8000k (cold light)
f	1586281	58mm	7x	3000k (warm light)

POWERLUX

Available in two different light temperatures. Two opposed position LEDs give shadow-free illumination. Auto switch off function.



SYSTEM VARIO LED

Lightweight design with ergonomic handle and LED illumination.

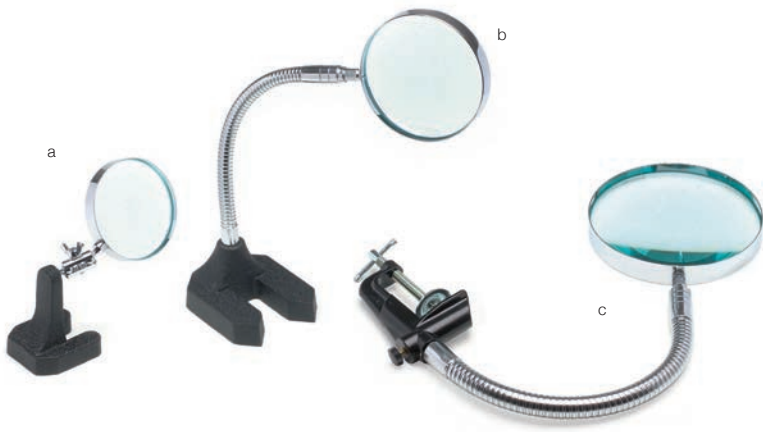
a	155074	35mm	10x	b	155174	35mm	7x
c	155274	50mm	6x	d	155394	58mm	5x
e	155494	70mm	4x	f	155774	35mm	12.5x
g	155994	80mm	3x	h	158064	100 x 50mm	3x
i	158264	100 x 75mm	2.8x				



MENAS LUX ILLUMINATED STAND

Ultra flat design with large visual field. Integral illumination.

a	143830	63mm	3x
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STAND

Metal base with glass lens.
a 1630 75mm 2.5x

FLEXISTAND

Glass lens on flexible arm mounted on metal base.
b 1650 90mm 2.5x

G-CLAMP FLEXI

Metal construction with glass lens on flexible arm with G-clamp.
c 1780 130mm 1.8x



WIDE VIEW STAND

Hard coated plastic lens with additional 4x and 7x magnification lenses.

a 1795 110 x 145mm 1.8x



GOOSE NECK

Plastic easibend gooseneck mounts. Hard coated plastic lens with D segment.

a 1720-PC 100mm 2x/4x Bifocal lens
b 1720-PS 100mm 2x/4x Bifocal lens
c 1730 140 x 193mm 1.8x Fresnel lens



LIGHTWEIGHT READER CLIPS

- Lightweight, one-piece moulded polycarbonate readers
- Available in +1.00 +1.50 +2.00 and +2.50 powers
- Useful 'flip clip' design

FRAME	LENS
51-36 18	Crystal +1.00, +1.50, +2.00, +2.50
	Supplied with slip-in case.



EMBROIDERY

Plastic hard coated lens with D shape bifocal.

a 6500P 100mm 2x/4x



DIRECTORY

Pearl line. Protective sleeve included.

a 750 25 x 150mm 2x



PAPERWEIGHT

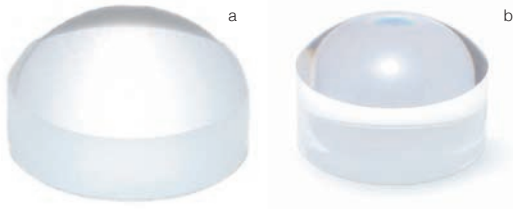
Glass lens in swivelling metal mount.

b 1870 65mm 3x

DESK LOUPE

Glass lens, plastic mount.

a 1830 75mm 3x



DESK LENS

Clear sided magnifier maximising natural light. Glass or plastic.

a 1880 Glass lens 60mm 5x
b 1885 Plastic lens 50mm 4x



FOLDING POCKET

Glass lens folding into rigid protective sleeve.

a 171014 35mm 4x
b 171067 35mm 7x
c 1710910 35mm 10x



METAL POCKET

Glass lenses in a metal swivel body. Storage pouch included. Leather pouch on c.

a 7060 25mm 8x
b 7070 20mm 3x / 4x / 5x (3 lenses)
c 7090 15mm 20x Achromatic lens



METAL POCKET

Glass lens folding into protective pocket.

a 7025 13mm 16x
b 7055 20mm 12x



SLEEVE POCKET

Glass lens folding into protective sleeve. Leather sleeve on c.

a 3120 45mm 3.5x
b 3122 65mm 3x
c 3135 50mm 3.5x
d 3180 45 x 65mm 2.5x

SLEEVE POCKET

Glass lens folding into metal protective sleeve.

c 7950 36mm 4x
d 7960 36mm 4x / 4x



OPTIMA GO

Sliding pocket magnifier with battery powered LED illumination. Complete with lanyard and microfibre pouch. Available as a seven-piece Starter Pack POS display.

a 261001 45x35mm 3.5x
b 231601 45x35mm 5x
c 262801 35mm 8x
d 263601 35mm 10x
e 264401 35mm 12x
f 265201 35mm 14x
g Starter Pack



LINEN TESTER

Scale marked in mm and 1/8th inch up to 25mm. Metal construction with glass lens.

a 7550 6x



SCALE LOUPE

Glass Achromatic lenses. Removable scale on b, c and d.

b SL7A 7x Scale 0-20mm in 0.1mm steps
 c SL10 10x Scale 0-10mm in 0.2mm steps
 d SL15 15x Scale 0-6mm in 0.1mm steps



LORGNETTE PENDANT

Glass lens in acetate mount. Presentation case and soft drawstring bag included.

a 330-3.5k 3.5 dioptres Khaki frame, silver chain
 b 330-2.50R 2.5 dioptres Sherry frame, gold chain



WATCHMAKERS EYEGLASSES

Glass lenses in plastic mounts.

a 7300 15mm 10x
 b 7210 23mm 4x
 c 7220 23mm 5x
 d 7230 23mm 6x



PENDANT

Glass lens in silver or gold colour mount. Presentation case included.

a 323S 35mm 4x Silver
 b 323G 35mm 4x Gold



TELESCOPIC AID KM-820

Closed size: 95mm. Rubber eyecup. Strap loop.

Shortest focus: 30cm at 11x
 Infinity at 8x
 Field of view: 12m at 100m



MONOCULAR

Closed size: 70mm. Rubber eyecup.

a Evolution 40 4x 12 16cm - Infinity
 b Evolution 50 5x 10 25cm - Infinity
 c Evolution 60 6x 16 25cm - Infinity



TWEEZERS WITH MAGNIFIER

Storage pouch included.

a 1960 30mm 4.5x



SPECTACLE BINOCULAR

Hard case and cleaning cloth included.

a HF10B 2.5x

CLIP-ON BINOCULAR

Hard case and cleaning cloth included.

b HF20B 2.5x



HEAD BINOCULAR

1.8x fixed lens, plus 2.5x flip up lens to give total of 3.3x

a BM110 1.8x/2.5x

ADDITIONAL HIGH POWER LENSES

b BM100 B12.3x, BM100 C12.7x, BM100 D1 3.5x



MEGAVIEW MG3

Unit consists of three interchangeable, hard coated acrylic lenses.

- 2x, 2.5x, 3x
- Focal Length: 300mm, 250mm, 150mm.

MEGAVIEW MG20

Lightweight and comfortable, unit consists of four interchangeable, hard coated acrylic lenses. LED illumination, adjustable headband.

- 2x, 2.5x, 3x, and 4x monocular.
- Focal Length: 280mm, 200mm, 140mm, 65mm.
- Takes 3 AAA batteries



AMIGO

- Slim (less than 2") and lightweight (1.3 lbs.)
- Digital magnification from 3.5x to 14x
- Large field of view
- Large viewing screen - 165mm
- Removable standard battery with internal charger (spare battery included)
- 6 viewing modes, including 2 Colour Select options
- Writing stand and Carrying Case
- Connects with TVs for increased magnification
- Freeze frame function.



MAX

For a powerful and affordable digital magnifier that is simple to use, look no further than Max. Use this lightweight, hand-held portable device on any straight or curved surface to magnify images and text from 15x to 28x! Move Max over books, newspapers, magazines or even medicine labels and read with ease. Max connects quickly to any TV or monitor and is ideal for use at work, school or even on holiday.



PEBBLE

- Adjustable magnification of 2x to 10x
- Lightweight 7.7 ounce design
- 3.5" high resolution LCD display
- Adjustable brightness
- Easy-to-use tactile controls
- 6 viewing modes



COMPACT+ HD

- High Definition camera for superior quality images. Outperforms optical magnifiers
- Continuous zoom: 2.8 - 11X
- 4.3" bright widescreen
- Snapshot and save up to four captured images
- Choose up to 4 high contrast text and background colour combinations for easier reading
- Small & lightweight: 250 grams / 8.8 ounces
- Use with and without the easy-grip retractable handle
- Rechargeable battery

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Norville (20/20) Ltd, Waterwells Drive, Gloucester GL2 2AA
Tel: 01452 510321 • Fax: 01452 510331 • Email: sales@norville.co.uk
Reg office: 7-10 Kelso Place, Bath, Somerset BA1 3AU • Reg number: 12734351 England

www.norville.co.uk



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