

Optima Low Vision Services Ltd CATALOGUE









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Can't find what you are looking for? Please contact us as Optima can source many low vision products, including those from suppliers on the last page of this catalogue, at very competitive prices.

Unless otherwise indicated by *, magnification is defined using the formula (Equivalent Power/4)+1. This conforms to BS EN ISO 15253: 2000.

ABOUT US

Optima Low Vision Services Ltd was established in 1994 by John Collins who has been in the field of low vision services for over 40 years. Optima is now managed by Sean Collins, John's son. Over the years, Optima has accumulated a wealth of knowledge about the needs of people with a visual impairment. John has undertaken several research programmes and presented papers at many national and international conferences. In 1988, John was awarded the 'David Scott Blackhall Award' for services to people with a visual impairment by the BBC Radio 4 InTouch programme in conjunction with the Patients Aid Association. In more recent times, Optima has been researching, developing and bringing to the market a range of low vision aids with some unique features.

With over 40 years of accumulated knowledge and experience, Optima has brought together a vast range of high quality products from around the world, including optical magnifiers, task lighting, anti-glare protection filter spectacles as well as electronic magnifiers. We have a solution and our dedicated team are passionate about low vision and are always happy to help.

PRE-PURCHASE INFORMATION

Before you purchase a magnification device of any kind it is vital that you can answer the following questions positively. Have you...

- Sought the assistance of your Optometrist and been advised that your vision cannot be improved with conventional spectacles?
- Been examined by an Ophthalmologist and advised by them that your vision cannot be improved by medical or surgical treatment?

Only after you have been able to answer these questions positively and ensuring your vision cannot be improved by the use of conventional spectacles or medical or surgical treatment should begin to consider using magnifying aids.

If in any doubt, please discuss the matter with your GP, Ophthalmologist or Optometrist before continuing.

USING THE PREDICTION CHART

We use the minimum level of magnification necessary when using visual aids because as magnification power increases, the working distance and lens size gets smaller.

The prediction chart on the next two pages will help you predict the magnification level you require in order to read standard newspaper size print. This is an estimate, as other factors such as lighting and spectacle strength may affect the level required.

- Always wear your reading spectacles, even if you have found them of little benefit in the past
- Try to hold the chart at 25 centimetres (10 inches) from your eyes
- Starting with the largest print, N104, read down the various print sizes until you find it too difficult

Your prediction is the recommended lens power underneath the smallest print size that you can read comfortably. For example, if the smallest you can read comfortably at 25cm is N32, you require approximately +16d (5x) magnification in order to read standard newspaper print.

MAGNIFICATION PREDICTION CHART

Blue skies

N104 = +52d (14x)

Golden sand

N80 = +40d (11x)

Jack leaned on

N72 = +36d (10x)

the stone wall as he gazed out to sea.

N56 = +28d (8x)

He could just see a small yellow sailing boat in the

N40 = +20d (6x)

MAGNIFICATION PREDICTION CHART

distance. It was close hauled because of the fresh sea breeze.

N32 = +16d (5x)

The sun warmed his back as he watched from his vantage point on top of the tower.

N24 = +12d (4x)

Over the years Jack has spent many happy hours up on top of this sturdy old watchtower observing wild life.

N20 = +10d (3.5x)

Jack could sense the enjoyment of the yachtsmen as they battled to sail around the headland and reach the calmer waters of the bay.

N16 = +8d (3x)

He imagined that he could hear the sound of their cheers carried to him on the summer breeze now that they had won the race. Jack smiled as he turned to walk down to the

N12 = +6d (2.5x)

harbour with thoughts of the cosy village inn, a roaring fire and some liquid refreshment to go with a tasty lunch. As he entered the inn the landlord greeted him by name and reached for Jack's favourite tankard

N10 = +5d (2.25x)

without being asked to fill it with strong local cider. Jack joined old Ben the retired lighthouse keeper who was sitting in his usual place by the fire. After a lonely life working in an isolated lighthouse Ben enjoyed the friendship of the locals he has spent a lifetime

N8 = Standard Newspaper Print

safeguarding and the comfort of his familiar surroundings. Ben's large old hands were stretched out towards the glowing flames of the open log fire. Neither Ben or Jack were the most talkative of people, the two men just sat in contented silence enjoying each others company in the manner of old friends without needing to make unnecessary conversation,

N6



170601 2.5x / 6D / Ø 100mm



170801 3x / 8D / Ø 100x50mm



171201 4x / 12D / Ø 72.3mm

171601 5x / 16D / Ø 59.7mm

172001 6x / 20D / Ø 57.9mm

172401 7x / 24D / Ø 51mm



172801 8x / 28D / Ø 37.6mm

173601 10x / 36D / Ø 37.6mm

174401 12x / 44D / Ø 37.6mm

175201 14x / 52D / Ø 37.6mm

OPTIMA DART

Optima Low Vision Services are proud to launch the Optima Dart, our new range of LED hand magnifiers.

Combining over 40 years of experience in low vision practice with the creative design team at 3FD Ltd, the Optima Dart offers several unique features.

With innovative design, quality and precision, the Optima Dart's key features include:

- Crisp, clear and distortion free single aspheric lenses
- Glare free SMD LED with two brightness levels
- LED colour temperature of 5,000K, a clear white light for excellent contrast with no pink or blue hue
- Simple push button on/off switch for illumination and brightness levels.
 Ideal for those with dexterity issues
- Ergonomic and simple squeeze to eject battery change with tactile + and - embossed battery position guides
- Integrated lanyard connector (lanyard available separately)
- Micro-fibre pouch which doubles as a lens cleaner
- CE and RoHS compliant
- 2 year limited guarentee against manufacturing and material defects

2 x AA batteries included

A unique feature of the Optima Dart range is that it has interchangeable lens heads and handle, this is beneficial for those who require different levels of magnification. For practitioners this can prove helpful when demonstrating.



Pack of 2 AA alkaline batteries

ADD LANYARD

Optima branded lanyard - purple

AT MAX by COIL

High specification hand held illuminated magnifiers with state of the art technology. Distortion free lenses combined with LED technology provide a bright and even spread of light over a large field of view. Features an autotouch on/off control and easy change battery compartment. Grip the handle to turn on, place the magnifier down to turn off. Comes complete with a soft carry pouch.

2 x AA batteries included





990102

LR6 / 1.5v



991301



8273 3x / 9D / Ø 83x59mm



8275 5x / 16D / Ø 60mm

8277 7x / 24D / Ø 57mm

8299 9x / 32D / Ø 57mm

8211 11x / 40D / Ø 57mm

ADD 990102 - Pack of 2 AA Batteries

HAND MAGNIFIERS



2.3x / 5.2D / Ø 98mm

2.6x / 6.4D / Ø 70mm

4.4x / 13.6D / Ø 48mm



2x / 4D / Ø 100mmx50mm

2x / 4D / Ø 100mm

2.5x / 6D / Ø 80mm

3x / 8D / Ø 60mm

4x / 12D / Ø 50mm

COIL WINDSOR

Economically priced, this range of hand magnifiers have very lightweight convex lenses with a transparent frame and handle. They come in three sizes and powers and are popular with those who do not require high levels of magnification.

OPTIMA IDEAL

These economically priced magnifiers have convex lenses, lightweight handles and transparent frames.

The convex lens enables the user to see clearly through either side of the lens.



1.7x / 2.8D / Ø 97x72mm

2.3x / 5.2D / Ø 97x72mm



3x / 8D / Ø 80mm

4x / 12D / Ø 80mm

6x / 20D / Ø 50mm

COIL HI-POWER HAND

This tried and tested range of sturdy hand held magnifiers have been one of the most popular ranges of magnifier for many years. They feature crystal clear, lightweight bi-aspheric lenses with a wide field of view. The ergonomically designed frames provide excellent balance & comfort. Comes complete with a protective pouch.

COIL RAYLITE DUO

The Raylite Duo range of LED illuminated stand magnifiers use the very latest state of the art technology in both LED design and diffusion.

There is a choice of two brightness levels which can be changed easily by toggling the press button. This feature enables the user to select the level of illumination to suit their individual needs.

The specially designed diffuser ensures quality and even light over the entire viewing area.

- Easy to use press button switch is ideal for those with dexterity issues
- Long battery life span of approximately 200 hours on the lower brightness setting
- Automatic switch off after approximately 35 minutes
- Easy change battery compartment thanks to the simple ergonomically designed one piece handle

2 x C batteries included



9400/30 2.8x / 7.2D / Ø 101x79mm



9259/30 3.9x / 11.7D / Ø 64mm 9269/30 4.7x / 14.8D / Ø 49mm 9279/30 5.4x / 17.7D / Ø 49mm



9289/30 7.1x / 24.2D / Ø 38mm

9299/30 8.7x / 31.0D / Ø 41mm 9309/30 10.1x / 36.4D / Ø 36mm

9319/30 12.0x / 44.0D / Ø 30mm

9329/30 14.7x / 54.9D / Ø 30mm

ADD 990502 - Pack of 2 C Batteries



7400/30 2.8x / 7.2D / Ø 101x79mm



7259/30 3.9x / 11.7D / Ø 64mm

7269/30 4.7x / 14.8D / Ø 49mm

7279/30 5.4x / 17.7D / Ø 49mm



7289/30 7.1x / 24.2D / Ø 38mm

7299/30 8.7x/31.0D/Ø41mm

7309/30 10.1x / 36.4D / Ø 36mm

7319/30 12.0x / 44.0D / Ø 30mm

7329/30 14.7x / 54.9D / Ø 30mm

ADD 990502 - Pack of 2 C Batteries

COIL RAYLITE 2

The Raylite 2 range of LED illuminated stand magnifiers are a tried and tested range. They have the benefit of COIL's distortion free aspheric lenses coupled with a reliable high quality LED light source which spreads the light evenly over the entire viewing area.

There is a choice of nine magnification powers in the range and all heads and handles are interchangeable.

- Simple to use large tactile slide light switch
- Long battery life span thanks to the high quality LED
- Easy battery change simply twist off to release the end cap of the handle
- Reliable long lasting design that has stood the test of time

2 x C batteries included

COIL RAYLITE HEADS AND HANDLES

All COIL Raylite heads & handles are interchangeable.

CHOOSE YOUR MAGNIFIER HEAD



7400/01 2.8x / 7.2D / Ø 101x79mm



7279/01 5.4x / 17.7D / Ø 49mm



7309/01 10.1x / 36.4D / Ø 36mm



7259/01 3.9x / 11.7D / Ø 64mm



7289/01 7.1x / 24.2D / Ø 38mm



7319/01 12x / 44D / Ø 30mm



7269/01 4.7x / 14.8D / Ø 49mm



7299/01 8.7x / 31D / Ø 41mm



7329/01 14.7x / 54.9D / Ø 30mm

CHOOSE YOUR MAGNIFIER HANDLE & BATTERIES



7260/30Raylite LED Handle



9260/30Raylite Duo LED Handle

Requires 2 x C batteries (not included)



990502 Pack of 2 x C Batteries



DN1161 2x* / Ø 110mm

Lens Insert: 4x* / Ø 25mm Flexible Arm Length: 220mm

ADD 990203 - Pack of 3 AAA Batteries

DAYLIGHT LED FLEXILENS

Compact LED illuminated stand magnifier. The unique base has a clip for table attachment and swing out legs for freestanding.

Requires 3 x AAA batteries (not included)



DN1350 3x*/Ø55mm

Flexible Arm Length: 170mm

ADD 990203 - Pack of 3 AAA Batteries

DAYLIGHT YOYO

The YoYo is a compact, foldable LED illuminated stand magnifier with a 5.5cm lens. Fits into a pocket or handbag for portability. It has three battery powered LEDs (6000K). Comes with a wrist strap.

Requires 3 x AAA batteries (not included)

STAND MAGNIFIERS



5844 1.7x / Ø 145x100mm

COIL FLEXI-MAG

Large hands-free magnifier with heavy base for stability and excellent field of view.

STAND MAGNIFIERS

COIL CLEAR VIEW

A very popular and inexpensive hands free magnifier designed to provide extra magnification for hands free activities.



The Hi-Power range of non illuminated stand magnifiers provide the widest range of magnification of any manufacturer with powers from 3x up to 15x.

The very popular 3x & 4x versions incorporate an adjustable tilting stand to enable maximum comfort in use. They are an ideal aid for filling in crosswords, word puzzles or simply writing.

One of the most powerful aids on the market is the 15x. This power incorporates an adjustable lens to ensure the correct focal distance is obtained for each individual.



5855 1.7x / Ø 145x100mm



5213 3x / 8D / Ø 80mm

5214 4x / 12D / Ø 80mm



4206 6x / 20D / Ø 50mm

4208 8x / 28D / Ø 44mm

4210 10x / 36D / Ø 36mm

4212 12x / 44D / Ø 34mm



4215 15x / 56D / Ø 29mm

LED ILLUMINATED POCKET MAGNIFIERS



260302 3x*

ADD **990802** - Pack of 2 CR1220 Batteries



PM-33 2.5x/5x/6x*

ADD **990402** - Pack of 2 CR2032 Batteries

OPTIMA IDEAL LED POCKET

With a sliding on/off mechanism, the very popular Ideal is so slim, light and compact, it can easily fit into a shirt pocket or purse.

2 x CR1220 batteries included

MULTI POWER LED POCKET

A multi power slim line LED illuminated pocket magnifier with a crystal clear acrylic lens.

2 x CR2032 batteries included

OPTIMA PREMIUM

POCKET MAGNIFIERS



250401 4x / Ø 35mm

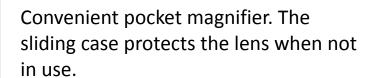
250601 6x / Ø 35mm

250801 8x / Ø 35mm

251001 10x / Ø 35mm

COIL SLIDER

and about.



These compact spot magnifiers fold into

include a zip-up soft black case. Perfect for putting in your pocket when about

their cleverly designed red cases and



6262/02 3x Blue

FLAT FIELD MAGNIFIERS

OPTIMA DOME MAGNIFIERS

These large round dome shaped magnifiers are made of lightweight acrylic. Their shape allows more light to be gathered onto the page. An excellent solution for those who struggle holding a conventional magnifier away from the page. Includes a black cloth pouch.



Desktop magnifier with six LED lights and three switchable levels of brightness. Compact and lightweight at just 190g.

Requires 3 x AAA batteries (not included)

BAR MAGNIFIERS

These magnifying bars are made of optical plastic and the 25mm versions incorporate a handle and reading line. The 212502 incorporates a 5x* spot lens in the handle. Advertised dimensions are the total area of the magnifier. Perfect for reading and following text.

MAGNIBAR

Dual LED illumination with three brightness settings and powerful spot lens. Ideal for reading and following text. Comes with soft pouch for storage.

Requires 3 x AAA batteries (not included)



thijklmnopqrstuxwozabcdefghijklmnocefghijklmnocefghijklmnopqrs defghijklmnopqrs defghijklmn

205001 1.8x / Ø 50mm

206501 1.8x / Ø 65mm

208001 1.8x / Ø 80mm

209501 1.8x / Ø 95mm



LL-88 5x* / Ø 65mm*

ADD

990203 - Pack of 3 AAA Batteries



212501 1.5x* / 160x25mm

212502 2.5x / 210x25mm



213501 2x / 230x35mm



MR-15 2x* / 155x25mm*

ADD 990203 - Pack of 3 AAA Batteries

LARGE HANDS FREE MAGNIFIERS



270101 2x* / 130x100mm Lens Insert: 4x* / Ø 20mm

OPTIMA LARGE CHEST MAGNIFIER

This large rectangular hands-free magnifier is ideal for reading, puzzles and crafts. Made in clear acrylic, it has foam feet and a neck cord.



5820 1.7x / 145x105mm

COIL EASI-VIEW

Versatile hands-free magnifier weighing just 260 grams. Complete with feet & neck cord.



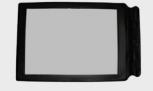
HF-66 2x* / Ø 130mm*

ADD 990203 - Pack of 3 AAA Batteries

MAGNISHINE

Ideal for craft work, this lightweight dual LED 2x magnifier with a 130mm diameter lens gives helpful magnified viewing. The wide bridge and adjustable neck strap are designed to be used at various angles to accommodate a wide range of visual needs and comfort.

Requires 3 x AAA batteries (not included)



270301 2x* / 224x159mm*

LARGE FRESNEL SHEET

Flexible magnifying sheet with 2x magnification and a large viewing area.

HANDS FREE MAGNIFIERS

OPTIMA IDEAL HALF EYE PRISMATICS

Smart, stylish & ideal for hands free reading. Built in prisms allow both eyes to be used together at very short working distances. Black frame with soft nose pad and sprung side arms. Lens height of 20mm.



A superb range of hands free magnifiers that provide a wide field of view. Excellent quality acrylic lenses, fitted into a high quality, comfortable black frame with soft padded nose pad and sprung side arms. Lens height of 25mm.

COIL HALF EYE PRISMATICS

A range of hands free magnifiers in a clear crystal frame with 45mm or 49mm temple arms. Useful for those who don't mind reading at short focal distances.

Also available in a brown frame in both the 45mm and 49mm temple arms.

(These are a non-stock item but can usually be obtained within 7-10 days).



280401 +4D

280601 +6D

280801 +8D

281001 +10D

281201 +12D



280402 +4D

280502 +5D

280602 +6D

280802 +8D

281002 +10D

281202 +12D



45mm		49mm
4147	+4D	4148
4151	+6D	4152
4155	+8D	4156
4159	+10D	4160
4163	+12D	4164
4167	+14D	4168

HANDS FREE MAGNIFIERS



	Left	Right
+10D/ 2.5x*	NS10-L	NS10-R
+17D/ 4x*	NS17-L	NS17-R
+20D/ 5x*	NS20-L	NS20-R
+28D/ 7x*	NS28-L	NS28-R
+32D/8x*	NS32-L	NS32-R
+40D/ 10x*	NS40-L	NS40-R
+48D/ 12x*	NS48-L	NS48-R

SUPEROCULARS

Superocular spectacle mounted magnifiers provide clear optics with an exceptionally wide field of view. Presented in a modern, stylish metal frame, glazed to one eye with a plano lens glazed to the other.

A frosted occluder can be fitted instead of the plano lens as a special order. Alternatively, see the next page for our flexible occluders. Comes with a micro fibre pouch/cleaning cloth and a hard case.



	Left	Right	Both
+16D/ 4x*	3148	3147	3146
+20D/ 5x*	3151	3150	3149
+24D/ 6x*	3154	3153	3152
+32D/ 8x*	3157	3156	3155
+40D/ 10x*	3160	3159	3158
+48D/ 12x*	3163	3162	3161

COIL HYPEROCULARS

Hyperoculars are magnifiers mounted in a spectacle frame. It is only practical to use one eye because of their high levels of magnification. They have a very short working distance, reading material held 2-3 cm from the lens when using the 12x.

Models with 'both eyes' are for practitioner assessment purposes only.

OCCLUDERS

OPTISHIELD FLEXIBLE OCCLUDER

Made of soft medical grade silicone, the Optishield fits neatly onto the spectacle lens allowing good coverage. Suitable for professionals conducting assessments or for individuals as a flexible option where temporary partial occlusion has been recommended by an eye care specialist. The Optishield comes in two options, black or frosted.





991501 Frosted

991502 Black

Dimensions*: Height 40mm, Width 55mm

MAGNIFYING MIRRORS

GOOSENECK

This vanity mirror has an adjustable gooseneck. The base comes with suction cups to allow for attachment to a suitable smooth, flat surface.



FG27Magnification: 7x* Mirror Ø: 14.5cm Dimensions:

H 28.5cm

DOUBLE VISION GOOSENECK

Twin mirror with a 5x mirror on one side and powerful 10x mirror on the other. Can be used like a vanity mirror or attached to a wall using the slide on suction cups provided.



FG50

Magnification: 5x*/10x*
Mirror Ø: 16cm
Dimensions:
H 28.5cm



Stylish 15x spot mirror with bright LED illumination. Has three suction cups for mounting.

4 x CR2032 batteries included



LED15X

Magnification: 15x* Mirror Ø: 7.5cm Dimensions:

H 2.5cm, Ø: 10.8cm

ADD 990402 - Pack of 2 CR2032 Batteries

MONOCULARS



301201 4x / Ø 12mm

301601 6x / Ø 16mm

302101 8x / Ø 21mm

302501 10x / Ø 25mm



(Spectacles for illustration purposes only)

302801 2.8x / Ø 28mm



CF-6X18 6x* / Ø 18mm

OPTIMA SHORT FOCUS

An excellent range of compact economic monoculars with short focus facility that focus down to 14". The focus barrel rotation and clear optics allow for bright, crisp images at any focus level. Ideal for viewing destination boards & sporting events but equally useful in short focus range. Includes case and strap.

SPECTACLE CLIP ON

This lightweight, compact acrylic clip-on monocular with short focus has a focal range from 12" to infinity achieved via a simple twisting action. Comes with a protective case.

CLOSE UP™

Ultra-compact and weighing only 50 grams, this monocular with close focus facility focuses from infinity down to just 10". Perfect for viewing nature. Includes pouch, strap and lens cloth.

SPECWELL CORPORATION

Spec vell.

Specwell Corporation, with their perfectly clear lenses and precise mechanisms, are the world leading manufacturer of high quality roof prism, close focus, hand held monoculars. Specwell products come with a 1 year limited guarantee.

Can't find it? Please contact us as Optima can source all Specwell products.

SPECWELL MONOCULARS

SPECWELL SHORT FOCUS

These handheld, roof prism monoculars have dual purpose scopes which work well for near or distance viewing.

The focus barrel rotation system and superbly clear optics allow for bright, crisp images at any focus level. Rubber eyecups are included to assist with comfort and protection, they can be rolled down for spectacle wearers.

Specwell monoculars can be used for a range of activities including sporting events and reading destination boards. The short focus position is useful in supermarkets and shops.

WITH RUBBER HOUSING

Specwell monocular as described above with protective rubberised armour to minimise damage if dropped.

ACCESSORIES

Specwell offer a variety of accessories for their monocular range. Some of the most popular accessories are itemised in our price list. Please contact us for specific accessories.







	Mag	Lens Ø	Focal Distance
2750	2.75x	8mm	15cm
0309	3x	9mm	22cm
0410	4x	10mm	22cm
0412	4x	12mm	22cm
0616E	6x	16mm	25cm (Short Barrel)
0616W	6x	16mm	26cm (Long Barrel)
0725	7x	25mm	50cm
0820	8x	20mm	30cm
0830	8x	30mm	60cm
1020	10x	20mm	40cm
1030	10x	30mm	70cm
1420	14x	20mm	100cm



	Mag	Lens Ø	Focal Distance
0820R	8x	20mm	30cm
0830R	8x	30mm	60cm
1030R	10x	30mm	70cm



See price list for accessories or please contact us with your requirements

HANDS FREE BINOCULARS



DUO-TV 2.1x





312801 2.8x

313501 3.5x

DUO-TV

Spectacle binoculars with the benefit of individually focusing lenses for each eye. Ideal for watching TV or sporting events. The DUO-TV are lightweight and have shatter proof double lenses. Comes with a protective storage case.

COIL SPECTACLE BINOCULARS

Lightweight spectacle mounted binoculars with dual focus lenses. Ideal for intermediate and longer distances such as watching TV or at the cinema. Comes with a cloth pouch and protective outer case.

SPORTS SPECTACLES

These spectacle binoculars provide an exceptional field of view and an individual focus mechanism enables the user to focus one lens at a time. The 2.8x has a comfortable yet strong plastic frame which incorporates soft rubber eye shields for comfort and protection. The 3.5x version has a metal frame. Both powers are ideal for watching television and live events. Comes with a neck cord, case and cleaning cloth.

COMPACT BINOCULARS

SCOUT

A lightweight, precision optical instrument with an ultra compact mechanism and fully coated lenses. The Scout has a range of high magnification levels with appropriate objective lens diameters for a good field of view. A centrally positioned focusing wheel and independent right dioptre adjustment gives maximum focus flexibility. Comes with a case, neck strap and lens cloth.



Compact binoculars with multi coated lenses that reduce internal glare and reflection, producing crisp, bright images. They incorporate roll-down eyecups for spectacle wearers. A centrally positioned focusing wheel and independent right dioptre adjustment gives maximum focus flexibility. Comes with a case, neck strap and lens cloth.

OPERAVIEW

Ultra compact binoculars with fully coated lenses. The OperaView weighs just 50 grams and has a wide field of view. A centrally positioned focusing wheel provides maximum focus flexibility. Ideal for sporting events, the theatre, opera or concerts. Comes with a case, neck strap and lens cloth.



JD-718 7x / 18mm

JD-822 8x / 22mm

JD-025 10x / 25mm



TZ-821 8x / 21mm



OV-410 4x / 10mm

DAYLIGHT LIGHTING



The Daylight Company is the leading innovator in specialty light for the low vision sector. Their mission is to design the best lamps, to make a significant improvement to people's lives. Daylight products come with a 2 year limited guarantee.

Can't find it? Please contact us as Optima can source all Daylight products.



Mains Operated



DAYLIGHT LED PORTABLE LAMPS



DN1370

Wattage: 5W

Colour Temp: 6000K Lumens: 120lm Max Lux: 630 at 30cm

Height: 26cm Max Reach: 20cm Weight: 0.45kg Cable Length: 1.2m



This portable and lightweight lamp with a three step touch dimmer is the perfect travel companion. The internal rechargeable battery is recharged via the supplied USB cable. At full charge the battery provides 6.5 hours of light.



D35050

Colour Temp: 6000K Lumens: 340lm

Max Lux: 1300 at 30cm

Height: 30cm Max Reach: 30cm Weight: 0.85kg

Cable Length: 1.5m

Wattage: 5W

FOLDI GO

Portable desk lamp with four brightness levels. Position the light using the long, fully adjustable arm and rotatable shade. One full charge gives up to 8 hours use with battery power level indicator lights. Case, USB adaptor and cable supplied.



D35090

Colour Temp: 6000K

Lumens: 350lm

Max Lux: 1500 at 30cm

Wattage: 5W

Height: 35cm Max Reach: 29.5cm Weight: 1.00kg Cable Length: 1.5m

TWIST 2 GO



A rechargeable lamp that gives eight hours of consistent, continuous light. There are three brightness levels and a built in battery power level indicator. The Easy-Twist™ shade provides accurate light positioning. Supplied with a mains adaptor and USB cable.

DAYLIGHT LED PORTABLE LAMPS

TWIST 2

Easy to grip and carry around, this lightweight, foldable lamp is mains operated with three brightness levels. The Easy-Twist™ shade allows the light to be positioned exactly where you need it. Ideal for everyday tasks.



D35070

Colour Temp: 6000K Lumens: 600lm

Max Lux: 2000 at 30cm

Wattage: 11W Height: 35cm Max Reach: 29.5cm Weight: 1.00kg Cable Length: 1.8m

DAYLIGHT LED TASK LAMPS

TRICOLOR



Tactile buttons for adjustable brightness and colour temperature, allow you to find your perfect setting. Adjustable arms and a large 16.5 cm diameter twistable shade give an exceptional spread of evenly diffused light.



D45200

3 Colour Temp Options: 6000K/4000K/2700K

Lumens: 1000lm Max Lux: 3500 at 30cm

Wattage: 15W Height: 37cm Max Reach: 72cm Weight: 2.00kg Cable Length: 1.5m

ELECTRA



Change colour temperature at the touch of a button with this slim satin lamp. The flexible arm and rotatable anti-glare shade give a wide light spread exactly where you want it. Easily adjust the brightness with the continuous dimmer.



D35231

3 Colour Temp Options:

6000K/4000K/2700K Lumens: 800lm

Max Lux: 2500 at 30cm

Wattage: 13W

Height: 80cm Max Reach: 112cm Weight: 4.00kg Cable Length: 2m

FLEXI-VISION



Floor lamp with brushed chrome finish. Light is directed by a multi-swivel system and flexible arm. Anti-trip cable holders and low heat shade for safety.



D31067

Colour Temp: 6500K Lumens: 1320lm

Max Lux: 2650 at 30cm

Wattage: 15W Height: 146cm Max Reach: 46cm Weight: 6kg

Cable Length: 2m

ADD D15500 - 15w LED Replacement Bulb

DAYLIGHT LED TASK LAMPS



DN1530

Height: 101cm Flexi Neck: 38cm Flexi Arm: 27.5cm (x2)

Weight: 3.5kg Cable Length: 1.8m Wattage: 13.5W

DN1520

Flexi Neck: 37.5cm Flexi Arm: 27.5cm (x2) Weight: 0.8kg

Cable Length: 1.5m Wattage: 10W

DN1510

Flexi Neck: 25.5cm

Flexi Arm: 27.5cm (x2)

Weight: 0.5kg Cable Length: 1.7m Wattage: 10W

Range Details:

Colour Temp: 6000K Lumens: 700lm

Max Lux: 2090 at 30cm

DUO RANGE

The very popular Duo, a range of sleek, slim & flexible task lamps. 56 high quality bright LEDs (28 in each independently adjustable shade) allow high light output over a wide area or intense light over a smaller area. Ideal for hobbies, craft work and reading.

- Twin adjustable heads maximise the illuminated size of the surface
- Flexible neck and arms direct light exactly where you need it
- Touch switch dimmer with four brightness levels



Height: 101cm Flexi Neck: 38cm Flexi Arm: 27.5cm Weight: 3.2kg Cable Length: 1.8m

DN1420

Flexi Neck: 37.5cm Flexi Arm: 27.5cm Weight: 0.56kg Cable Length: 1.5m

DN1410

Flexi Neck: 20cm Flexi Arm: 27.5cm Weight: 0.35kg Cable Length: 1.7m

Range Details:

Colour Temp: 6000K Lumens: 400lm

Max Lux: 1145 at 30cm

Wattage: 6W

UNO RANGE

Flexible task lamp with a modern design and sleek finish. 28 high quality bright LEDs provide a crisp, high contrast illumination over a large area. Ideal for hobbies, craft work and reading.

- Flexible neck and arm direct light exactly where you need it
- Touch switch dimmer with four brightness levels

DAYLIGHT LED TASK LAMPS

SLIMLINE



The third generation Daylight Slimline™, has a new aluminium shade which emits a brighter light with better diffusion. Two Flexible joints allow for perfect positioning with a four step dimmer for brightness control. A brushed steel finish gives a sleek look and feel.

D52107 - Slimline Table Base

ADD **D91707** - Slimline Magnifying Arm

LUMI



A bright and powerful lamp with two brightness levels designed to give even light spread across wide areas. The large shade can be smoothly adjusted vertically, horizontally and laterally to reach the desired position. The durable arm with clamp fixes to a flat surface.



D35108 - Table

Height: 37cm + Joint Max Reach: 73cm + Joint

Weight: 0.90kg Cable Length: 2.4m

D35118 - Floor

Height: 115cm + Joint

Max Reach: 73cm + Joint

Weight: 3.30kg Cable Length: 2.4m

Range Details:

Colour Temp: 6000K Lumens: 1065lm

Max Lux: 3000 at 30cm

Wattage: 13W



D35500

Colour Temp: 6000K

Lumens: 1320lm Max Lux: 3800 at 30cm Wattage: 15W

Max Reach 100cm Shade Width: 51cm Weight: 2.00kg Cable Length: 2.1m

DAYLIGHT LED MAGNIFYING LAMPS

HALO



A compact magnifying lamp with three brightness levels that folds flat for storage and portability. LEDs circle the magnifying lens for consistent lighting. Inbuilt 9cm diameter, 5 dioptre (2.25x) lens with a 12d (4x) insert lens. The lens can be covered when used as a lamp. Also available in a rechargeable version. (*Some technical details very slightly from the D25200).



D25200

Colour Temp: 6000K

Lumens: 1065lm

Max Lux: 3000 at 30cm

Wattage: 6W

Height: 29cm Max Reach: 29cm Weight: 0.70kg Cable Length: 2m

D25201

Rechargable Model



DAYLIGHT LED MAGNIFYING LAMPS



D25090

Colour Temp: 6000K Lumens: 600lm Max Lux: 2500 at 30cm

Wattage: 7W

Max Height: 65cm Flexi Neck: 60cm Weight: 3.40kg Cable Length: 1.8m

MAGNIFICENT PRO

This versatile lamp is cleverly designed to be used as a floor, table and task lamp. It has three brightness levels and a flexi neck for exact positioning. The 13cm semi- rimless 1.75x magnifying lens allows clear viewing of close up work.

DAYLIGHT ACCESSORIES



D52107

Diameter: 22cm Weight: 2.3kg



D91707

Reach: 57cm Weight: 0.4kg



D15500

Fitting: ES27
Dimmable: No
Colour Temp: 6000K
Lumens: 1521lm

Wattage: 15W (100W equiv)

SLIMLINE TABLE BASE

Sturdy table base for the D35108.

SLIMLINE MAGNIFYING ARM

Magnifying arm for the Slimline range, with an inbuilt 13cm diameter, 3 dioptre (1.75x) rimless lens.

DAYLIGHT LED BULB

This 15w LED bulb uses around 80% less power than its 100W incandescent equivalent. Provides approximately 15,000 hours of light.

NATIVE LIGHTING



Native Lighting are a British lamp provider that aim to create simple innovative lighting solutions for everybody that needs a good quality light. Native products come with a 2 year limited warranty.

Can't find it? Please contact us as Optima can source all Native products.

NATIVE LED LIGHTING

REVERSE LAMP



A lightweight lamp providing both cool or warm light by turning the lamp over. It has six brightness levels and a built in handle for portability. The inbuilt battery is recharged via the supplied micro USB lead. A six hour full charge provides around 48 hours of use.



N3191

2 Colour Temp Options 5500K/3100K Lumens: 600lm Max Lux: 400 at 30cm

Wattage: 5W

Dimensions (cm): H 20, Ø 8.5 Weight: 0.30kg

ZIGZAG LAMP



Height adjustable task light which folds down flat for storage and portability. Single touch button operation with three brightness levels. The inbuilt battery is recharged via a micro USB lead (supplied). A four hour charge provides around four hours of use.



N3181

Colour Temp: 4700K Lumens: 800lm Max Lux: 400 at 30cm

Wattage: 3.5W

Dimensions (cm): Open: H 30.5, W 6, D 20 Closed: L 20, W 6, D 2.5

Weight: 0.34kg Cable Length: 0.35m

LUMINA DESK LAMP



Sturdy with a flexible goose neck that clamps to the edge of a flat surface. Bright LEDs with five brightness settings and five colour temperatures. A remote control turns the lamp on/off, adjusts brightness & colour temperature.



N3172 - White

N3182 - Black

5 Colour Temperatures (K): 6500/5500/4700/4000/2800 Lumens: 690lm

Max Lux: 2900 at 30cm

Wattage: 10W

Height: 111cm Weight: 0.30kg Cable Length: 1.9m





Sturdy with a flexible goose neck and stable base. Bright LEDs with five brightness settings and five colour temperatures. The remote control turns the lamp on/off, adjusts brightness & colour temperature.



N3173 - White

N3183 - Black

5 Colour Temperatures (K): 6500/5500/4700/4000/2800

Lumens: 690lm

Max Lux: 2900 at 30cm

Wattage: 10W

Height: 180cm Weight: 2.55kg Cable Length: 1.9m

VIDEO MAGNIFIERS

Video magnifiers offer numerous options and significant flexibility. Adjustable levels of magnification and contrasting colours are just some of the many features these products offer. Video magnifiers come in many different sizes, from larger desktop magnifiers, to more portable options. Finding the right choice may be difficult with so many available. Here at Optima we have used our knowledge and experience to select the suppliers and products that offer the best combination of reliable, high quality, yet competitively priced products. To help you decide and ensure the magnifier is the right one for you, we offer a 14 day, free of charge, no obligation home trial service*. Please contact us for further details.

*Return postage charges apply to products not purchased at the end of a trial. Trials are subject to terms & conditions.









Reinecker Vision is based near Frankfurt in Germany. With 50 years of experience in the low vision market they are known worldwide for producing desktop video magnifiers of the highest quality and performance.



SightCare is an industry leading high-tech company, specialising in the development and production of electronic low vision aids. Their Clover series of portable video magnifiers is an excellent choice.



Zoomax is at the forefront of video magnifier development and innovation. The first company to introduce OCR technology into a handheld video magnifier. The Luna & Snow series have excellent design and product quality.

Due to the constantly evolving video magnifier market, we have a separate booklet with the latest video magnifiers available to trial or purchase.

Please contact us for a copy or visit our website to see the latest range.

ANTI GLARE SHIELDS & FILTERS

Selecting the most effective filter is a subjective process as individuals have different needs, preferences and specific requirements. Many people have more than one visual impairment, so all recommendations are offered as a guide only.

It is assumed that the darker the filter, the more effective it is at reducing glare. This is incorrect. Whilst darker lenses will reduce glare, they also reduce vision and you see less through them. Always use the lightest colour filter you can cope with.

NOIR ANTI GLARE SHIELDS & FILTERS

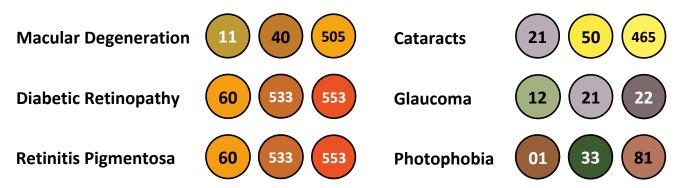


NoIR Medical Technologies have developed an extensive range of anti glare filters to meet the challenging needs of people with a visual impairment. Whatever your need, there is a NoIR filter and frame to meet your specific demands.

Our advice for NoIR filters is to choose the highest percentage visible light transmission (VLT) that meets your needs. All NoIR filters block UVA, UVB, UVC to 400nm. Some filters offer blue blocker (BB) protection, some block infra red (IR), whilst others offer glare protection (GL). Look for these symbols on the filter chart.

Noir products come with a limited one year warranty against manufacturer and material defects.

Recommendations:



Every effort is made to keep popular filters & frames in stock, but less popular filter colours fitted into less popular frames may need to be specially ordered.

Can't find it? Please contact us as Optima can source all NoIR products.

CHOOSE YOUR FILTER...

UV: Full UV Protection IR: Infra Red Protection BB: Blue Blocker GL: Glare Reduction

GLARE REDUCTION



81% YELLOW

Improves contrast and visual acuity, brightens image.



29% ORANGE

Improves contrast and visual acuity, brightens image.



24% AMBER/ORANGE

Improves contrast while reducing glare.



29% RED/ORANGE

Improves contrast while reducing glare.



13% RED/ORANGE

Improves contrast while reducing glare.

POLARISED



20% GREY POLARISED

Glare relief in a natural colour. Only available in specific frames.



22% AMBER POLARISED

Glare relief in a natural colour. Only available in specific frames.

STANDARD FILTERS



88% YELLOW

Increases contrast & brightness and enhances visual acuity.



▼ 87% YELLOW

Improves contrast and visual acuity, brightens image.



22% YELLOW

Relieves light sensitivity. Reduces glare and maximises brightness.



64% ORANGE

Intensifies backgrounds, enhances contrast and visual acuity.



48% ORANGE

Improves contrast and visual acuity, brightens image.



39% ORANGE

Heightens contrast & intensifies backgrounds. Assists reading.



13% ORANGE

Heightens contrast, relieves glare and intensifies backgrounds.



64% AMBER

Heightens contrast for indoor use.



25% AMBER

Relieves sensitivity to indoor lighting or on overcast days.



18% AMBER

Popular colour for light sensitivity with natural colour rendition.

CHOOSE YOUR FILTER...

✓ Popular or recommended filter. We attempt to keep these filter colours in stock.

01 UV/IR/BB

✓ 15% AMBER

All purpose filter for reduced glare and improved visual acuity.



6% AMBER

Heightens contrast and relieves glare for the light sensitive.



3% AMBER

Relieves extreme photophobia and light sensitivity.



57% PLUM

Good contrast and realistic colour rendition. Excellent indoor filter.



19% PLUM

Soothing colour, glare reduction with improved visual acuity.



3% PLUM

Contrast enhancement and glare relief. Approved filter for PDT.



14% RED

Relieves blur for rod achromats and monochromats.



5% RED

Relieves blur for rod achromats and monochromats.

20 UV **✓** 63% GREY

Relieves indoor glare, particularly under fluorescent lighting.



28% GREY

Excellent glare protection, soothing colour.



✓ 11% GREY

Comfortable colour, cuts glare with natural colour rendition.



4% GREY

For extreme light sensitivity. Cuts glare, natural colour rendition.



26% GREY GREEN

Natural colour rendition, helpful with indoor lighting.



9% GREY GREEN

All purpose filter for reduced glare and natural colour rendition.



5% GREY GREEN

Glare protection for the extremely light sensitive.



1% GREY GREEN

Relief for extreme photophobia and light sensitivity.



91% CLEAR

Full UV protection with no reduction in visibility.



57% TOPAZ

Helps after brain traumas. Sooths migraines & corneal pathologies.



44% TOPAZ

Enhances contrast, provides glare reduction with natural colours.



16% BLUE

Relief for achromatopsia.



26% PURPLE

Sooths migraines and helps after brain traumas, blocks yellow light.

CHOOSE YOUR FRAME...

PLASTIC



FIT OVER

#U Medium

#L Large

ECONOMIC

A popular, economic fit-over frame available in 2 sizes.

FRAMED



FIT OVER

#31 Small

#36 Medium

#38 Large

#39 X-Large

STANDARD FIT OVER

Strong, robust fit-over frame with side and brow protection. Frame codes #36 and #38 have adjustable arms.



FIT OVER

#51 Medium

#53 Large

MODERN FIT OVER

Modern style fit-over. Soft, durable frame with top and side protection.



NON FIT OVER

#30 Universal

STANDARD NON FIT OVER

Strong, robust non-fit over frame with side protection.



NON FIT OVER

#35 Universal

STANDARD WRAPAROUND

Modern wraparound with adjustable arms that curves around the eye.



NON FIT OVER

#45 Universal

STYLISH WRAPAROUND

Stylish wraparound with adjustable temples and comfort-fit bridge.



NON FIT OVER

#56 Universal

MODERN WRAPAROUND

Modern close fitting wraparound with a wide field of view.

CHOOSE YOUR FRAME...

CLIP ON, FLIP UP

CLIP ON

Clips onto most conventional spectacle frames. A flexible alternative for those who do not require side shields.



#17 Small

#21 Large

CHILDREN'S

CHILD FIT OVER

Children's universal fit-overs.

Comfortable fit with adjustable temples.



FIT OVER

#41 Universal

CHILD WRAPAROUND

Comfortable children's wraparound providing close, face-fitting protection.



NON FIT OVER

#KS Small

#KM Medium

PREMIUM

SPORTS

Stylish sports style wraparound with a removable Rx insert, comfort fit temples and nose bridge.



NON FIT OVER

#34 Universal

AVIATOR

Aviator style frame in a modern gunmetal finish with spring hinges.



NON FIT OVER

#54 Universal

PRESCRIPTION

The blank insert clipped in behind the lenses can be taken to an optician to have a prescription incorporated.



NON FIT OVER

#55 Universal

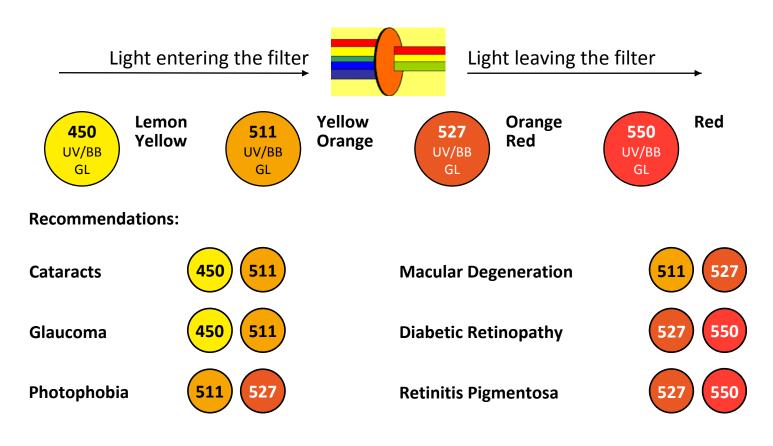
SUNSAFE FILTERS

Sunsafe filters are a range of high quality blue blocking filters that protect the eyes from harmful UV and blue light whilst enhancing contrast and providing relief from glare.

When light passes through the lens of the eye, the blue part of the spectra will spread and scatter causing a loss of contrast and sharpness. The benefit of using SunSafe filters is that they will block out the disturbing parts of the blue light whilst allowing the beneficial light rays to pass through the lens unaffected.

Clinical studies have shown that the shortwave ultra violet and blue light can have a damaging effect on our vision if allowed to pass through the lens of the eye and onto the retina. The amount of damage will of course depend on the level of exposure to these light rays.

SunSafe filters will protect vision by filtering out these potentially harmful light rays. SunSafe Filters are available in modern comfortable fit over frames in two sizes, as well as a stylish non fit over frame and clip-on filters. For those who are extremely photophobic or whose hobbies include sailing, skiing, or fishing, the SunSafe range are also available with a polarised option.



SUNSAFE FILTERS

FIT OVER

	450	511	527	550
Medium	400145	400151	400152	400155
Large	400245	400251	400252	400255
Polarised				
Medium	400345	400351	400352	400355
Large	400445	400451	400452	400455



NON FIT OVER

	450	511	527	550
Standard	400545	400551	400552	400555
Polarised	400645	400651	400652	400655



CLIP ON & FLIP UP

	450	511	527	550
Standard	400745	400751	400752	400755
Polarised	400845	400851	400852	400855



SIMULATION SPECTACLES

This set of 6 simulation spectacles are designed to illustrate the effects of common causes of visual impairments.

Simulation spectacles for other visual impairments can be created on request. Please contact us to discuss your requirements.

Simulation spectacles are custom made. Slight variations may exist between each set.



980100

- 1. Cataracts & Low Acuity
- 2. Macular Degeneration
- 3. Tunnel Vision
- 4. Tunnel Vision & Low Acuity
- 5. Hemianopia
- 6. Diabetic Eye Disease

GENERAL ACCESSORIES



990102* LR6 / 1.5v

AA ALKALINE BATTERIES (PACK OF 2)

For use with the following products:
Optima Dart Range
Coil AT Max Range



990203* LR03 / 1.5v **AAA ALKALINE BATTERIES (PACK OF 3)**

For use with the following products:

DN1161: Daylight LED Flexilens

DN1350: Daylight Yoyo

LL-88: Carson Lumiloupe Ultra

MR-15: Carson Magnibar HF-66: Carson Magnishine



990402* CR2032 / 3v

CR2032 LITHIUM BATTERIES (PACK OF 2)

For use with the following products:

PM-33: Carson Multi Power LED Pocket

LED15X: Spot Illuminated Mirror



990502* LR14 / 1.5v C ALKALINE BATTERIES (PACK OF 2)

For use with the following products: Coil Raylite Duo & Raylite 2 Range



990802* CR1220/ 3v

CR1220 LITHIUM BATTERIES (PACK OF 2)

For use with the following products: PM-33: Carson Multi Power LED Pocket



991201

*Batteries received may be a different brand than advertised.

MAINS USB ADAPTER

Provides mains power to USB leads.



991301

OPTIMA BRANDED LANYARD

Enables products with a lanyard holder to be worn around the neck.

TRADE ACCESSORIES









Trade customer? Please contact us about opening a trade account for additional discounts across the range. We also have a selection of trade accessories and kits for practitioners at heavily discounted prices. Please ask us for a copy of our trade accessories booklet.

SPECIAL OFFERS









Optima currently have a number of discontinued and end of line products from our magnifier, lighting and filter ranges on special offer (while stocks last). These can be found towards the end of our price lists.

If you like a bargain, please visit the sale and special offers section of our website, www.optimalowvision.co.uk.

ADDITIONAL PRODUCTS & SPARES



















Can't find the item you are looking for in our catalogue? Let us know as we can obtain all products & spares sold by the above suppliers at very competitive prices. Some of the additional products we can obtain which are not stocked are listed towards the end of our price lists.

OUR FACILITIES



Optima Low Vision Services Ltd is based in our two storey 3,350 sq foot (311 sq metre) building overlooking the lovely River Dart in the historic town of Totnes.



We hold large stocks of our own brand of magnifiers including the new Dart range



Our comfortable display room shows the latest magnifiers, lighting and anti-glare spectacles



Optima stocks the largest range of NoIR anti-glare and filter spectacles in Europe

OPTIMA LOW VISION SERVICES LTD

DARTSIDE, FORD ROAD, TOTNES, DEVON, TQ9 5LQ

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