

 **ESCHENBACH**



Sport Optics

**OPTICAL
INSTRUMENTS
SINCE 1913**
NUREMBERG/DE



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farlux® APO 8 x 42 Item No. 4274842

farlux® APO 10 x 42 Item No. 4274142

farlux® APO

THE FIRST CHOICE OF ORNITHOLOGISTS AND DISCERNING NATURE LOVERS.

- Extra-large field of view: High-quality, super wide-angle optics, combined with a 42 mm lens diameter, ensure optimal clear viewing, even at dusk.
- Apochromatic optical system: Fluoride-containing ELD lenses ensure exceptionally true-colour, high-luminosity and high-contrast image reproduction. At the same time, colour fringing at the edge of images is reduced to a minimum.
- Light transmission of over 90% thanks to fully multi-coated optics.
- Flat Field Vision: High edge sharpness thanks to a smoothed image field.
- High brilliance thanks to phase-corrected BaK-4 prisms featuring dielectric mirror coating.
- Particularly hard-wearing thanks to an impact-resistant magnesium housing.
- Water- and dirt-repellent objective and eyepiece coatings guarantee clear vision at all times.
- Waterproof and nitrogen-filled.
- Spectacle eyepieces also provide those wearing (sun)glasses with an optimum field of view.
- A stable tripod thread ensures steady viewing at all times.
- In addition to a 10 year warranty, Warranty Plus is also provided.

Accessories:

Dust caps, comfort carrying strap with quick-release fastener, high-quality carrying bag.



Technical data farlux® APO series

Optical parameters according to [DIN 58386, 58388](#)



Name	farlux® APO 8 x 42	farlux® APO 10 x 42
Item number	4274842	4274142
Magnification	8 x	10 x
Lens Ø	42 mm	42 mm
Near point	2 m	2 m
Field of view	140 m/1.000 m	122.5 m/1.000 m
Height x Width x Depth	140 mm x 138 mm x 52 mm	140 mm x 138 mm x 52 mm
Weight without bag	739 g	739 g
Nitrogen filled	Yes	Yes
Waterproof	Yes	Yes
Oculars for spectacle wearers	Yes	Yes
Prisms	BaK-4, phase-corrected and with dielectric mirror coating	BaK-4, phase-corrected and with dielectric mirror coating
Coating	High-transmission multi-layer full coating	High-transmission multi-layer full coating
ED glass	Yes	Yes
Apochromatic	Yes	Yes
Warranty Plus	Yes	Yes
Warranty	10 years	10 years



trophy® D 8 x 32 ED Item No. 4232832

trophy® D 10 x 32 ED Item No. 4232132

trophy® ED

HIGH PERFORMANCE BINOCULARS WITH AN EXTRA WIDE FIELD OF VIEW -
PERFECT FOR ANY OCCASION.

- Extra wide field of view: High quality wide-angle optics ensure greater viewing freedom and maximum observational comfort.
- True colour images with excellent stereoscopic depth: thanks to multi-coated high performance lenses of special extra-low-dispersion glass.
- High brilliance from phase-corrected BaK-4 prisms with a dielectric mirror coating.
- Extremely robust: High quality metal adjustment wheels and an impact-resistant magnesium housing guarantee sustained observation pleasure.
- Weatherproof because watertight and nitrogen filled.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- Stable tripod thread ensures shake-free viewing pleasure at all times.
- In addition to the 10-year warranty, WarrantyPlus is also provided.

Accessories:

Protective dust caps, comfortable carrying strap with quick-release fastener, high quality carry-case.





trophy® D 8 x 42 ED Item No. 4232842

trophy® D 10 x 42 ED Item No. 4232142

trophy® ED

HIGH QUALITY WIDE ANGLE OPTICS FOR OBSERVING BIRDS AND WILDLIFE THAT IS "ON THE MOVE".

- Bright, extra wide field of view: High quality, wide-angle optics in combination with a 42 mm lens diameter ensure optimum viewing freedom even under adverse light conditions.
- High colour accuracy and sharpness of details: The multi-coated lenses are of special extra-low-dispersion glass that renders extremely detailed images with stereoscopic depth.
- Brilliant, high contrast images thanks to phase-corrected BaK-4 high reflection prisms with a dielectric mirror coating.
- Extremely durable due to impact-resistant magnesium housing and high quality metal wheels.
- Watertight and nitrogen filled.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- Stable tripod thread ensures shake-free viewing pleasure at all times.
- In addition to the 10-year warranty, WarrantyPlus is also provided.

Accessories:

Protective dust caps, comfortable carrying strap with quick-release fastener, high quality carry-case.





trophy® D 8 x 56 ED Item No. 4232856

trophy® ED

BRIGHT IMAGES SHOWING EVERY DETAIL: HUNTER'S BINOCULARS FOR THE DISCERNING DISCOVERER.

- Bright, wide field of view from high quality optics in combination with a large lens diameter of 56 mm.
- Extremely detailed images with stereoscopic depth thanks to multicoated lenses of special extra-low-dispersion glass.
- Brilliant, high contrast images thanks to phase-corrected BaK-4 high reflection prisms with a dielectric mirror coating.
- Extremely durable due to impact-resistant magnesium housing and high quality metal wheels.
- Watertight and nitrogen filled.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- Stable tripod thread ensures shake-free viewing pleasure at all times.
- In addition to the 10-year warranty, WarrantyPlus is also provided.

Accessories:

Protective dust caps, comfortable carrying strap with quick-release fastener, high quality carry-case.



Technical data trophy® ED series

Optical parameters according to [DIN 58386, 58388](#)



Name	trophy® D 8 x 32 ED	trophy® D 10 x 32 ED	trophy® D 8 x 42 ED	trophy® D 10 x 42 ED	trophy® D 8 x 56 ED
Item number	4232832	4232132	4232842	4232142	4232856
Magnification	8 x	10 x	8 x	10 x	8 x
Lens Ø	32 mm	32 mm	42 mm	42 mm	56 mm
Near point	2 m	2.5 m	2.5 m	2.5 m	3 m
Field of view	136 m/1.000 m	105 m/1.000 m	136 m/1.000 m	108 m/1.000 m	101 m/1.000 m
Height x Width x Depth	125 mm x 118 mm x 50 mm	125 mm x 118 mm x 50 mm	143 mm x 125 mm x 58 mm	143 mm x 125 mm x 58 mm	174 mm x 143 mm x 67 mm
Weight without bag	535 g	534 g	731 g	710 g	1,100 g
Nitrogen filled	Yes	Yes	Yes	Yes	Yes
Waterproof	Yes	Yes	Yes	Yes	Yes
Oculars for spectacle wearers	Yes	Yes	Yes	Yes	Yes
Prisms	BaK-4, phase-corrected and with dielectric mirror coating				
Coating	full multi-coating				
ED glass	Yes	Yes	Yes	Yes	Yes
Warranty Plus	Yes	Yes	Yes	Yes	Yes
Warranty	10 years				



trophy® F 8 x 25 ED Item No. 4267825

trophy® F 10 x 25 ED Item No. 4267125

trophy® ED

HANDY BINOCULARS FOR QUICK OBSERVATION IN ANY WEATHER CONDITIONS.

- Space-saving: With their practical fold-up design, trophy® F-B binoculars fit easily and quickly in any bag.
- Particularly large field of view due to high quality, wide angle optics.
- Very high colour fidelity and exceptional stereoscopic depth due to multi-coated high performance lenses made from special extra low dispersion glass.
- Phase corrected BaK-4 prisms with dielectric mirror coating.
- Extremely robust due to high quality, metal focusing wheels and magnesium housing.
- Full field of view even for wearers of (sun-) glasses through special eyepieces with retractable cups.
- Nitrogen filling prevents misting of the internal optics if the temperature fluctuates.
- Weatherproof due to the watertight housing.
- In addition to the 10-year warranty, WarrantyPlus is also provided.

Accessories:

Carrying strap, dust protection caps, belt bag.



Technical data trophy® series

Optical parameters according to [DIN 58386, 58388](#)



Name	trophy® F 8 x 25 ED Ww	trophy® F 10 x 25 ED Ww
Item number	4267825	4267125
Magnification	8 x	10 x
Lens Ø	25 mm	25 mm
Near point	2 m	3 m
Field of view	144 m/1.000 m	114 m/1.000 m
Height x Width x Depth	102 mm x 113 mm x 42 mm	102 mm x 113 mm x 42 mm
Weight without bag	330 g	330 g
Nitrogen filled	Yes	Yes
Waterproof	Yes	Yes
Oculars for spectacle wearers	Yes	Yes
Prisms	BaK-4, phase-corrected and with dielectric mirror coating	BaK-4, phase-corrected and with dielectric mirror coating
Coating	full multi-coating	full multi-coating
ED glass	Yes	Yes
Warranty Plus	Yes	Yes
Warranty	10 years	10 years



trophy® P 8 x 42 Item No. 4236842

trophy® P

HIGH-QUALITY, WIDE-ANGLE OPTICS FOR OBSERVING BIRDS AND WILDLIFE ON THE MOVE.

- Extra wide field of view: High quality wide-angle optics ensure greater viewing freedom and maximum observational comfort.
- Sharp, high-contrast, true-colour images thanks to full multi-coated lenses and BaK-4 prisms.
- Particularly vivid image display due to Porro binocular geometry.
- Innovative design ensures a modern look and optimum handling.
- Weatherproof because watertight.
- Nitrogen filling prevents misting of the internal optics even if the temperature or altitude changes considerably.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- In addition to the 10-year warranty, you benefit from the special Warranty Plus package.

Accessories:

Carrying strap with quick-release fastener, case, protective dust caps.





trophy® P 10 x 50 Item No. 4236150

trophy® P

HIGH-QUALITY, WIDE-ANGLE OPTICS FOR OBSERVING BIRDS AND WILDLIFE ON THE MOVE.

- Extra wide field of view: High quality wide-angle optics ensure greater viewing freedom and maximum observational comfort.
- Bright images until dusk falls: These binoculars offer excellent vision even in poor light conditions.
- Sharp, high-contrast, true-colour images thanks to full multi-coated lenses and BaK-4 prisms.
- Particularly vivid image display due to Porro binocular geometry.
- Innovative design ensures a modern look and optimum handling.
- Weatherproof because watertight.
- Nitrogen filling prevents misting of the internal optics even if the temperature or altitude changes considerably.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- In addition to the 10-year warranty, you benefit from the special Warranty Plus package.

Accessories:

Carrying strap with quick-release fastener, case, protective dust caps.





trophy® P 8 x 56 Item No. 4236856

trophy® P

BRIGHT IMAGES SHOWING EVERY DETAIL: HUNTING BINOCULARS THAT MEET THE MOST DEMANDING REQUIREMENTS.

- The particularly bright trophy® P 8 x 56 are the hunting binoculars of the trophy® P Series.
- Sharp, high-contrast, true-colour images thanks to full multi-coated lenses and BaK-4 prisms.
- Bright images until dusk falls: These binoculars offer excellent vision even in poor light conditions.
- Particularly vivid image display due to Porro binocular geometry.
- Innovative design ensures a modern look and optimum handling.
- Weatherproof because watertight.
- Nitrogen filling prevents misting of the internal optics even if the temperature or altitude changes considerably.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- In addition to the 10-year warranty, you benefit from the special Warranty Plus package.

Accessories:

Carrying strap with quick-release fastener, case, protective dust caps.



Technical data trophy® series

Optical parameters according to [DIN 58386](#), 58388



Name	trophy® P 8 x 42	trophy® P 10 x 50	trophy® P 8 x 56
Item number	4236842	4236150	4236856
Magnification	8 x	10 x	8 x
Magnification	8.0 x	10.0 x	8.0 x
Lens Ø	42 mm	50 mm	56 mm
Near point	5 m	6 m	7 m
Field of view	142 m/1.000 m	114 m/1.000 m	105 m/1.000 m
Height x Width x Depth	136 mm x 194 mm x 63 mm	175 mm x 193 mm x 65 mm	205 mm x 202 mm x 68 mm
Weight without bag	951 g	1,089 g	1,247 g
Filled with nitrogen	Yes	Yes	Yes
Waterproof	Yes	Yes	Yes
Oculars for spectacle wearers	Yes	Yes	Yes
Prisms	BaK-4	BaK-4	BaK-4
Coating	Ja	Ja	Ja
Warranty Plus	Yes	Yes	Yes
Warranty	10 years	10 years	10 years



sektor D 8 x 32 compact+ Item No. 4251832

sektor D 10 x 32 compact+ Item No. 4251132

sektor D

LIGHTWEIGHT ALLROUNDER FOR SPONTANEOUS NATURE TRIPS.

- Brilliant, true-to-life colour images thanks to phase-corrected Bak-4 prisms and fully multi-coated lenses.
- Functional design combines a modern look with compact form that lies well in the hand for both quick use and prolonged observation.
- An open bridge makes focusing child's play, even using just one hand.
- Very light: Thanks to the polycarbonate body, the weight of both models is insignificant at merely 389 and 394 grams respectively.
- Durable robust housing with anti-slip rubber coating.
- Can be used in any weather thanks to a waterproof housing and nitrogen filling that prevents misting of the internal optics if the temperature fluctuates.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- Stable tripod thread ensures shake-free viewing pleasure at all times.
- Dioptre adjustment with reliable "click-locking".

Accessories:

Carrying strap with quick-release fastener, high quality case, practical dust protection caps.



sektor D 8 x 42 compact+ Item No. 4251842

sektor D 10 x 42 compact+ Item No. 4251142

sektor D

TRUE-TO-COLOUR, BRIGHT, COMPACT: THE IDEAL COMPANION FOR BIRDWATCHING.

- Brilliant, true-to-life colour images due to phase-corrected Bak-4 prisms and fully multi-coated lenses.
- A modern look and graspable shape are united in a design that fits in the hand well for both quick use and prolonged observation.
- Focusing with one hand is child's play with the open bridge.
- Extremely robust: Both models are durable and shock resistant thanks to a magnesium body.
- Well equipped for any weather thanks to a waterproof housing and nitrogen filling that prevents misting of the internal optics if the temperature fluctuates.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- Stable tripod thread ensures shake-free viewing pleasure at all times.
- Dioptre adjustment with reliable "click-locking"

Accessories:

Carrying strap with quick-release fastener, high quality case, practical dust protection caps.



sektor D 8 x 56 compact+ Item No. 4251856

sektor D

AT ONLY 1038 GRAMS ONE OF THE LIGHTEST HUNTER'S BINOCULARS ON THE MARKET.

- Best brightness: The lens diameter of 56 mm makes it ideal for hunting.
- Brilliant, true-to-life colour images thanks to phase-corrected Bak-4 prisms and fully multi-coated lenses.
- A design that unites a modern look, graspable shape and optimal weight of 1,038 grams, and also lies well in the hand for prolonged observation. The open bridge makes focusing easy.
- Extremely robust: Extremely robust and shock resistant thanks to the magnesium body.
- Equipped for any weather thanks to a waterproof housing and nitrogen filling that prevents misting of the internal optics if the temperature fluctuates.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- Stable tripod thread ensures shake-free viewing pleasure at all times.
- Dioptre adjustment with reliable "click-locking"

Accessories:

Carrying strap with quick-release fastener, high quality case, practical dust protection caps.

Technical data sektor D series

Optical parameters according to [DIN 58386, 58388](#)



Name	sektor D 8 x 32 compact+	sektor D 10 x 32 compact+	sektor D 8 x 42 compact+	sektor D 10 x 42 compact+	sektor D 8 x 56 compact+
Item number	4251832	4251132	4251842	4251142	4251856
Magnification	8 x	10 x	8 x	10 x	8 x
Lens Ø	32 mm	32 mm	42 mm	42 mm	56 mm
Near point	1 m	1 m	2 m	2 m	1.8 m
Field of view	115 m/1.000 m	98 m/1.000 m	119 m/1.000 m	87 m/1.000 m	114 m/1.000 m
Height x Width x Depth	109 mm x 116 mm x 42 mm	109 mm x 116 mm x 42 mm	135 mm x 129 mm x 51 mm	135 mm x 129 mm x 51 mm	176 mm x 141 mm x 65 mm
Weight without bag	353 g	367 g	600 g	634 g	1,038 g
Filled with nitrogen	Yes	Yes	Yes	Yes	Yes
Waterproof	Yes	Yes	Yes	Yes	Yes
Oculars for spectacle wearers	Yes	Yes	Yes	Yes	Yes
Prisms	BaK-4	BaK-4	BaK-4	BaK-4	BaK-4
Coating	full multi-coating	full multi-coating	full multi-coating	full multi-coating	full multi-coating
Warranty	5 years	5 years	5 years	5 years	5 years



sektor F 8 x 25 compact+ Item No. 4268825

sektor F 10 x 25 compact+ Item No. 4268125

sektor F

HIGH PERFORMANCE, SMALL SIZE - FOLDING BINOCULARS FOR OBSERVERS OF WILDLIFE AND NATURE.

- Small and handy: These compact fold-up binoculars will fit into any travel bag.
- Wide field of view: Wide-angle optics facilitate observation of moving objects.
- Optimal colour accuracy and very sharp images thanks to phasecorrected Bak-4 prisms and fully multi-coated lenses.
- Lightweight: At only 292 and 296 grams respectively, ideal for lightweight travel bags.
- Weatherproof thanks to a waterproof housing and nitrogen filling that prevents misting of the internal optics if the temperature fluctuates.

Accessories:

Carrying strap, high quality case, practical dust protection caps.

Technical data sektor F series

Optical parameters according to [DIN 58386, 58388](#)



Name	sektor F 8 x 25 Ww compact+	sektor F 10 x 25 Ww compact+
Item number	4268825	4268125
Magnification	8 x	10 x
Magnification	8.0 x	10.0 x
Lens Ø	25 mm	25 mm
Near point	2.5 m	3 m
Field of view	143 m/1.000 m	114 m/1.000 m
Height x Width x Depth	102 mm x 110 mm x 40 mm	102 mm x 110 mm x 40 mm
Weight without bag	296 g	292 g
Filled with nitrogen	Yes	Yes
Waterproof	Yes	Yes
Oculars for spectacle wearers	Yes	Yes
Prisms	BaK-4 - phase-corrected	BaK-4 - phase-corrected
Coating	full multi-coating	full multi-coating
Warranty	5 years	5 years



arena® S 20 – 60 x 60 Item No. 46312

arena® S

THE RELIABLE COMPANION FOR NEWCOMERS TO BIRD AND NATURE WATCHING.

- Bright, true-to-life image due to high-quality BaK-4 prisms and full multi-coated lenses.
- Excellent value-for-money ratio.
- Weatherproof because watertight.
- Nitrogen filling prevents misting of the internal optics if the temperature fluctuates.
- Relaxed viewing with 45° angled eyepiece.
- Spectacle eyepiece affords an optimal field of view even when wearing (sun) glasses.
- Exceptional and distinctive spotting scope design.
- For spontaneous long-distance observation: Spotting scope is easy to mount on the car window.
- Compact design and carrying case included make transportation easy.

Accessories:

Table-top tripod, carrying case, convenient dust protection caps.

Technical data arena® S

Optical parameters according to [DIN 58386, 58388](#)



Name	arena® S
Item number	46312
Magnification	20.0 – 60.0 x
Lens Ø	60 mm
Near point	6 m
Field of view	34-16 m
Height x Width x Depth	150 mm x 80 mm x 350 mm
Weight without bag	949 g
Filled with nitrogen	Yes
Waterproof	Yes
Oculars for spectacle wearers	Yes
Prisms	BaK-4
Warranty	5 years

67° 52' 59" N



12° 58' 59" 0



allround





adventure D 8 x 26 Item No. 4276826

adventure D 10 x 26 Item No. 4276126

adventure D

COMPACT ALLROUNDER FOR THE PERFECT LEISURE ADVENTURE.

- Durable housing with non-slip rubber reinforcement protects optimally against knocks and dropping.
- Brilliant, true colour images due to full multi-coated lenses and BaK-4 prisms.
- A slim, ergonomic shape guarantees optimum grip.
- Low weight of just 270 or 282 grams.
- Weatherproof because watertight.
- Nitrogen filling prevents misting of the internal optics even if the temperature or altitude changes considerably.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- Stable tripod thread ensures shake-free viewing pleasure at all times.

Accessories:

Padded carrying strap, dust protection caps, high-quality carrying bag.



adventure D 8 x 34 Item No. 4276834

adventure D 10 x 34 Item No. 4276134

adventure D

THE IDEAL COMPANION FOR CAREFREE DISCOVERY TOURS.

- Wide-angle optics ensure an exceptionally wide field of view.
- Durable housing with non-slip rubber reinforcement protects optimally against knocks and dropping.
- Brilliant, true colour images due to full multi-coated lenses and BaK-4 prisms.
- A slim, ergonomic shape guarantees optimum grip.
- Well-equipped for all weathers thanks to its waterproof housing and nitrogen filling which prevents fogging of the inner optics when the temperature changes.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- Stable tripod thread ensures shake-free viewing pleasure at all times.

Accessories:

Padded carrying strap, dust protection caps, high-quality carrying bag.



adventure D 8 x 42 Item No. 4276842

adventure D 10 x 42 Item No. 4276142

adventure D

WIDE-ANGLE BINOCULARS FOR UNADULTERATED OUTDOOR ACTION.

- Wide-angle optics ensure an exceptionally wide field of view.
- Durable housing with non-slip rubber reinforcement protects optimally against knocks and dropping.
- Brilliant, true colour images due to full multi-coated lenses and BaK-4 prisms.
- Exceptionally bright images thanks to a 42 mm diameter lens.
- A slim, ergonomic shape guarantees optimum grip.
- Weatherproof because watertight.
- Nitrogen filling prevents misting of the internal optics even if the temperature or altitude changes considerably.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- Stable tripod thread ensures shake-free viewing pleasure at all times.

Accessories:

Padded carrying strap, dust protection caps, high-quality carrying bag.



adventure M 8 x 25 Item No. 4297825

adventure M

LIGHTWEIGHT, ROBUST MONOCULAR FOR ACTIVE OUTDOOR FANS.

- Brilliant, true colour image reproduction thanks to full multi-coated lenses and BaK-4 prisms.
- Extremely robust housing with a special rubber casing protects optimally against knocks and dropping.
- Ergonomic form ensures optimum grip and gives these binoculars an attractive, adventurous look.
- Low weight of just 140 grams.
- Weatherproof because watertight.
- Nitrogen filling prevents misting of the internal optics even if the temperature or altitude changes considerably.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.

Accessories:

Carrying cord, dust protection caps, belt bag.



arena® D+ 8 x 32 Item No. 4254832

arena® D+ 8 x 42 Item No. 4254842

arena® D+

DEPENDABLE COMPANION FOR NEWCOMERS TO BIRD AND WILDLIFE OBSERVATION.

- Bright, true-to-life images thanks to high quality BaK-4 prisms whose light transmitting capacity is further increased by silvering. A coincident reduction in harmful UV radiation ensures eye-friendly joy of discovery at all times.
- Absolutely watertight and thus suitable for any kind of weather.
- Nitrogen filling prevents misting of the internal optics if the temperature fluctuates.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- Stable tripod thread ensures shake-free viewing pleasure at all times.

Accessories:

Comfortable carrying strap, bag, protective dust caps.



arena® D+ 10 x 50 Item No. 4254150

arena® D+

POWERFUL STARTER MODEL FOR UNSPOILT FAR VIEW OF NATURE.

- High image quality thanks to top quality BaK-4 prisms.
- Exceptionally bright due to a 50 mm diameter lens and additional silvering of the prisms thereby increases their light transmitting capacity.
- Eye-friendly observation since the silvering coincidentally reduces harmful UV radiation.
- Absolutely watertight and thus suitable for any kind of weather.
- Nitrogen filling prevents misting of the internal optics if the temperature fluctuates.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- Stable tripod thread ensures shake-free viewing pleasure at all times.

Accessories:

Comfortable carrying strap, bag, protective dust caps.

Technical data arena® D⁺ series

Optical parameters according to [DIN 58386, 58388](#)



Name	arena® D+ 8 x 32	arena® D+ 8 x 42	arena® D+ 10 x 50
Item number	4254832	4254842	4254150
Magnification	8 x	8 x	10 x
Magnification	8.0 x	8.0 x	10.0 x
Lens Ø	32 mm	42 mm	50 mm
Near point	3 m	3 m	3 m
Field of view	122 m/1.000 m	107 m/1.000 m	94 m/1.000 m
Height x Width x Depth	125 mm x 128 mm x 50 mm	153 mm x 138 mm x 54 mm	172 mm x 146 mm x 60 mm
Weight without bag	489 g	619 g	790 g
Filled with nitrogen	Yes	Yes	Yes
Waterproof	Yes	Yes	Yes
Oculars for spectacle wearers	Yes	Yes	Yes
Prisms	BaK-4	BaK-4	BaK-4
Coating	full multi-coating, silvering	full multi-coating, silvering	full multi-coating, silvering
Warranty	5 years	5 years	5 years



arena® F+ 8 x 25 Item No. 4256825

arena® F+ 10 x 25 Item No. 4256125

arena® F+

COMPACT COMPANION FOR RAMBLERS AND NEWCOMERS TO NATURE OBSERVATION.

- Space-saving: Thanks to their practical fold-up design, the arena® F binoculars will fit in any rucksack or trouser pocket.
- Brilliant, true colour images due to BaK-4 prisms and full multi-coating.
- Extremely easy to handle: Compact form and anti-slip rubber coating allow both models to lie comfortably and securely in the hand.
- Nitrogen filling prevents misting of the internal optics if the temperature fluctuates.
- Weatherproof due to the watertight housing.

Accessories:

Belt case and carry cord.

Technical data arena® F⁺ series

Optical parameters according to [DIN 58386, 58388](#)



Name	arena® F 8 x 25	arena® F+ 10 x 25
Item number	4256825	4256125
Magnification	8.0 x	10.0 x
Lens Ø	25 mm	25 mm
Near point	124 m	101 m
Field of view	104 x 113 x 43	104 x 113 x 43
Height x Width x Depth	104 mm x 113 mm x 43 mm	104 mm x 113 mm x 43 mm
Weight without bag	300 g	300 g
Filled with nitrogen	Yes	Yes
Waterproof	Yes	Yes
Oculars for spectacle wearers	Yes	Yes
Prisms	BaK-4	BaK-4
Coating	full multi-coating	full multi-coating
Warranty	5 years	5 years



microlux 4 x 13 Item No. 4294413

microlux 6 x 18 Item No. 4294618

microlux

THE PERFECT MONOCULAR FOR THE DEVOUT MINIMALIST.

- Easy to use: Pressing gently with the finger slides the lens unit out into the viewing position.
- Small size: Can be stowed in any bag quickly and easily thanks to its small size.
- The microlux has many uses and is the ideal companion for viewing nature or visits to the theatre or museum.
- microlux 4 x 13: Ideal for use as a pocket magnifier with about 3x magnification by simply turning it round.

Accessories:

Carrying cord and bag.



club® M 6 x 16 Item No. 4293616

club® M 8 x 16 Item No. 4293816

club® M

REMARKABLE IN TECHNOLOGY AND DESIGN.

- Intuitive slide focus enables easy operation – troublefree with just one hand.
- The rectangular panoramic field of view is a real treat.
- Excellent image quality from top-notch optics with full magenta coating.
- A short near point allows observations from a distance of 1.5 m and 2 m respectively.
- Elegant, discreet look thanks to the black rubber casing that also makes the club® M easy to grip.

Accessories:

Carrying cord and bag.

Technical data Monoculars

Optical parameters according to [DIN 58386, 58388](#)



Name	microlux 4 x 13	microlux 6 x 18	club® M 6 x 16	club® M 8 x 16
Item number	4294413	4294618	4293616	4293816
Magnification	4 x	6 x	6 x	8 x
Lens Ø	13 mm	18 mm	16 mm	16 mm
Near point	2 m	2 m	1.5 m	2 m
Field of view	225 m/1.000 m	142 m/1.000 m	140 m/1.000 m	122 m/1.000 m
Height x Width x Depth	41 mm x 27 mm x 49 mm	46 mm x 28 mm x 81 mm	26 mm x 37 mm x 84 mm	26 mm x 37 mm x 84 mm
Weight without bag	46 g	78 g	65 g	65 g
Filled with nitrogen	No	No	No	No
Waterproof	No	No	No	No
Oculars for spectacle wearers	No	No	No	No
Prisms	BK-7	BK-7	BK-7	BK-7
Coating	full magenta coating	full magenta coating	full magenta coating	full magenta coating
Warranty	5 years	5 years	5 years	5 years

8° 12' 19" N

98° 30' 1" 0

lifestyle





regatta® 8 x 42 Item No. 4250842

regatta®

STYLISH ELEGANT BINOCULARS FOR DEMANDING INDIVIDUALISTS.

- Optimal colour accuracy: The special "naturebright" coating ensures exceptional true colour, bright and high contrast image reproduction.
- Perfect brilliance: Thanks to phase-corrected high quality BaK-4/BK-7 prisms, the regatta® 8 x 42 B offers an optimal viewing experience with excellent resolving capacity.
- Stylish design.
- Weatherproof at all times because watertight and nitrogen filled.
- Robust and lightweight due to the impact resistant magnesium body.
- Stable tripod thread ensures shake-free viewing pleasure at all times.
- In addition to the 10-year warranty, WarrantyPlus is also provided.

Accessories:

Protective dust caps, padded carrying strap, watertight neoprene bag.



reddot

Technical data regatta®

Optical parameters according to [DIN 58386, 58388](#)



Name	regatta®
Item number	4250842
Magnification	8 x
Lens Ø	42 mm
Near point	2.5 m
Field of view	113 m/1.000 m
Height x Width x Depth	161 mm x 135 mm x 57 mm
Weight without bag	714 g
Filled with nitrogen	Yes
Waterproof	Yes
Oculars for spectacle wearers	Yes
Prisms	BaK-4, BK-7, phase-corrected high reflection prisms
Coating	High-transmission multi-layer full coating
Warranty	10 years



club® 8 x 20 Item No. 4264820

club® 10 x 25 Item No. 4264125

club®

TIMELESS DESIGN AND COMPACT FORMAT: THE PERFECT COMPANION FOR ANY OCCASION.

- Ideal lifestyle binoculars for leisure, travel, sport and the theatre.
- Timeless design: As a successor to the classic award-winning Eschenbach binoculars on show at New York's Museum of Modern Art, the club® appears in elegant black with precious metal detailing.
- Excellent image quality thanks to phase-corrected BaK-4 prisms and fully multi-coated lenses.
- Easy to handle and lightweight: Owing to their compactness and light weight, they will fit in any shirt or jacket pocket.
- Watertight and nitrogen filled.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.

Accessories:

High quality leather case, carrying strap, dust protection caps.

Technical data club®

Optical parameters according to [DIN 58386, 58388](#)



Name	club® 8 x 20	club® 10 x 25
Item number	4264820	4264125
Magnification	8 x	10 x
Lens Ø	20 mm	25 mm
Near point	1.6 m	2.5 m
Field of view	119 m/1.000 m	95 m/1.000 m
Height x Width x Depth	96 mm x 105 mm x 42 mm	118 mm x 105 mm x 42 mm
Weight without bag	220 g	230 g
Filled with nitrogen	Yes	Yes
Waterproof	Yes	Yes
Oculars for spectacle wearers	Yes	Yes
Prisms	BaK-4 - phase-corrected	BaK-4 - phase-corrected
Coating	full multi-coating	full multi-coating
Warranty	5 years	5 years

38° 38' 35" N

34° 49' 44" 0



culture





viva Item No. 841626151

viva Item No. 841626152

viva

FESTIVAL GLASSES FOR FANS OF MUSIC AND CULTURAL EVENTS.

- Look moderno grazie al design elegante e alla vernice per pianoforte di alta qualità.
- Small, light and handy.
- Incredibly easy to use for a perfect view of the stage.

Accessories:

Hand strap and flat belt bag.

Technical data viva

Optical parameters according to [DIN 58386, 58388](#)



Name	viva schwarz	viva weiß
Item number	841626151	841626152
Magnification	6 x	6 x
Magnification	6.0 x	15 mm
Lens Ø	15 mm	2 m
Near point	153 m	153 m
Field of view	98 x 102 x 32	98 x 102 x 32
Height x Width x Depth	98 mm x 102 mm x 32 mm	98 mm x 102 mm x 32 mm
Weight without bag	158 g	158 g
Filled with nitrogen	No	No
Waterproof	No	No
Oculars for spectacle wearers	No	No
Prisms	BK-7	BK-7
Warranty Plus	No	No
Warranty	-	-



glamour Item No. 44431
glamour Item No. 44411
glamour Item No. 44441
glamour Item No. 44421
glamour Item No. 44691

glamour

HIGH QUALITY OPERA GLASSES OF CLASSIC DESIGN.

- Classic design – ideal for a stylish visit to the opera, theatre, concert, cabaret or musical.
- Clear, bright images thanks to high quality lenses with a diameter of 25 mm.
- Smooth focussing knob guarantees fast and easy operation.

Accessories:

Black imitation leather case.

Technical data Opera glasses

Optical parameters according to [DIN 58386, 58388](#)



Name	glamour white	glamour night blue	glamour gold	glamour red	glamour black-gold with chain
Item number	44431	44411	44441	44421	44691
Magnification	3 x	3 x	3 x	3 x	3 x
Lens Ø (mm)	25 mm	25 mm	25 mm	25 mm	25 mm
Weight without bag (g)	154 g	154 g	154 g	154 g	154 g
Colour	shimmering pearl white	gleaming night blue	brilliant pearl gold	burgundy red effect finish	black-gold



—
—
—
33° 25' 10" S

▲ —
70° 37' 52" W
—
—
—

magno[®]/accessory





magno® X 8 x 21 Item No. 84177821

magno® X

TRENDY BINOCULARS FOR LEISURE USE.

- BK-7 prisms and multi-coating ensure sharp, true-colour images.
- Very small, light and handy – suitable for a spontaneous nature getaway, holiday or city break.
- Its compact, striking design makes the magno® X an ideal companion for every occasion.
- Spectacle eyepieces afford an optimal field of view even when wearing (sun) glasses.
- Attractively priced binoculars for a broad target group.

Accessories:

Case und carrying cord.



magno® X

Sales display

Item No. 841776

Contents: 6 x 84177821

Carrying strap

UNIVERSAL CARRYING STRAP FOR ALL BINOCULAR SERIES.



Item No. 419980

- Comfort carrying strap made of particularly soft neoprene.
- With practical buckle for quick attachment and detachment.

Technical data magno® series

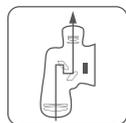
Optical parameters according to [DIN 58386, 58388](#)



Name	magno® X 8 x 21
Item number	84177821
Magnification	8 x
Lens Ø	21 mm
Near point	2.5 m
Field of view	105 m/1.000 m
Height x Width x Depth	95 mm x 105 mm x 35 mm
Weight without bag	180 g
Filled with nitrogen	No
Waterproof	No
Oculars for spectacle wearers	Yes
Prisms	BK-7
Coating	Multi-coating
Warranty	-

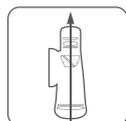
Technical Information

The different ranges and models of Eschenbach Optik binoculars are optimised in design, components and construction for different fields of use. The technical data provides precise details about this. But what lies behind the information given? The key technical terms are briefly explained here.



Porro prisms

The “conventional” prisms: Binoculars with Porro prisms are normally wider than comparable roof prism binoculars. Owing to their wider-spaced objective lenses, conventional Porro binoculars offer slightly better stereoscopic depth perception at short distances than roof prism equivalents.



Roof prisms

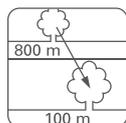
These are very compact and therefore allow the binoculars to be built very slim in form. A higher level of optical precision engineering is required than for Porro binoculars of comparable quality.

BK-7 prisms

These prisms made from boron crown glass are the standard for a good quality image.

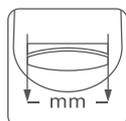
BaK-4 prisms

These carefully machined high performance prisms made from barium crown glass provide even better resolution of details and very sharp, bright images with high colour fidelity.



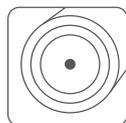
Magnification

The value gives the apparent magnification that the lens produces. With an 8x magnification the object appears 8 times closer to the viewer than in reality. Here, an object appears to be only 100 m away when in fact it is at a distance of 800 m.



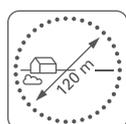
Lens diameter

This is an important performance figure of binoculars since its size crucially determines the light-gathering power: The bigger the lens, the more light that reaches the eye and the brighter the image. The objective lens diameter is stated in mm.



Exit pupil/Brightness index/Twilight factor

These are arithmetic values that result from the ratio of magnification and lens diameter. Important in practice: an exit pupil between 2 and 3 mm is sufficient for use in daylight. Binoculars with an exit pupil of 5-7 mm should be chosen for difficult light conditions.



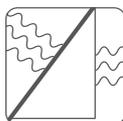
Field of View

Specifies the width of terrain seen through the binoculars at a distance of 1,000 m. The greater the field of view, the easier it is to view landscapes or moving objects, such as animals or competitors at sports events. Binoculars with wide-angle optics (with the designation: Ww) have a particularly wide field of view.



Nearpoint

This number indicates the shortest distance at which objects can be seen sharply and without distortion. This number is important when buying binoculars for use in museums or outings where viewing is at short range.

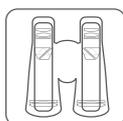


Phase correction

This particularly elaborate application of special surface coatings to the prisms of roof prism binoculars is the ultimate for outstanding image quality.

Dielectric mirror coating

A dielectric mirror coating inside the prism system allows almost 100% reflection of the incident light and prevents the coatings from ageing. This coating ensures contours always remain distinct and clearly discernible even in poor light conditions or during the twilight hours.



Internal focusing

Focusing means adjusting the sharpness of an image. Only the lenses inside the binoculars are moved during internal focusing. This closed system prevents dust, air or moisture from being drawn in.

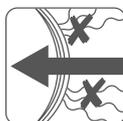


Waterproof

This term refers to a system of water repellent features on the casing and moveable parts that makes the binoculars resistant to pressured water.

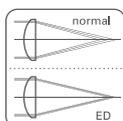
Nitrogen filled

In contrast to air, nitrogen contains no residual moisture and so prevents the internal optics from misting up if the ambient temperature fluctuates.



Coating

Eschenbach binoculars have fully multi-coated optics. This means that all glass-to-air surfaces have an extremely thin anti-reflection coating to optimise "light movement" through the binoculars to the eyes. A magnesium fluoride coating (magenta coating) is the standard. On some binoculars this is combined with multi-coating on one side of the lens and eyepiece to improve light transmission. For the highest vision requirements though, multi-coating is applied to all lens surfaces.



Extra-low-dispersion (ED) glass

This expensive to produce glass compensates for chromatic aberration that normally occurs due to the differing dispersion of the light-beam colour components and is seen as colour fringing along edges and at transitions. ED glass ensures vivid true colour images, extremely rich in detail and with a sense of depth.



Warranty Plus

Eschenbach Optik guarantees a relaxed and pleasurable observing experience with a 2 year warranty from date of purchase for selected binoculars. During this period your product will be protected from breakage, burglary and theft, and replaced free of charge.

Technical data

Optical parameters according to [DIN 58386](#), [58388](#)



Name	trophy® P 8 x 42	trophy® P 10 x 50	trophy® P 8 x 56	club® M 6 x 16	club® M 8 x 16	club® 8 x 20	club® 10 x 25
Item number	4236842	4236150	4236856	4293616	4293816	4264820	4264125
Magnification	8 x	10 x	8 x	6 x	8 x	8 x	10 x
Lens Ø	42 mm	50 mm	56 mm	16 mm	16 mm	20 mm	25 mm
Exit pupil	5.3 mm	5 mm	7 mm	2.7 mm	2 mm	2.5 mm	2.5 mm
Geometric luminosity	27.6	25	49	7.1	4	6.3	6.3
Twilight number	18.3	22.4	21.2	9.8	11.3	12.6	15.8
Pupils focal distance	20 mm	20 mm	24 mm	-	-	16 mm	16 mm
Pupil spacing (min./max.)	53 mm / 74 mm	53 mm / 74 mm	53 mm / 74 mm	Mono	Mono	56 mm / 74 mm	56 mm / 74 mm
Near point	5 m	6 m	7 m	1.5 m	2 m	1.6 m	2.5 m
Field of view	142 m/1.000 m	114 m/1.000 m	105 m/1.000 m	140 m/1.000 m	122 m/1.000 m	119 m/1.000 m	95 m/1.000 m
Height x Width x Depth	136 mm x 194 mm x 63 mm	175 mm x 193 mm x 65 mm	205 mm x 202 mm x 68 mm	26 mm x 37 mm x 84 mm	26 mm x 37 mm x 84 mm	96 mm x 105 mm x 42 mm	118 mm x 105 mm x 42 mm
Weight without bag	951 g	1,089 g	1,247 g	65 g	65 g	220 g	230 g
Nitrogen filled	Yes	Yes	Yes	No	No	Yes	Yes
Waterproof	Yes	Yes	Yes	No	No	Yes	Yes
Oculars for spectacle wearers	Yes	Yes	Yes	No	No	Yes	Yes
Prisms	BaK-4	BaK-4	BaK-4	BK-7	BK-7	BaK-4 - phase-corrected	BaK-4 - phase-corrected
Coating	full multi-coating	full multi-coating	full multi-coating	full magenta coating	full magenta coating	full multi-coating	full multi-coating
Warranty Plus	Yes	Yes	Yes	No	No	No	No
Warranty	10 years	10 years	10 years	5 years	5 years	5 years	5 years

Technical data

Optical parameters according to [DIN 58386](#), [58388](#)



Name	arena® D+ 8 x 32	arena® D+ 8 x 42	arena® D+ 10 x 50	arena® F 8 x 25	arena® F+ 10 x 25
Item number	4254832	4254842	4254150	4256825	4256125
Magnification	8 x	8 x	10 x	8 x	10 x
Lens Ø	32 mm	42 mm	50 mm	25 mm	25 mm
Exit pupil	4 mm	5.25 mm	5 mm	3.1 mm	2.5 mm
Geometric luminosity	16	27.6	25	9.8	6.3
Twilight number	16	18.3	22.4	14.1	15.8
Pupils focal distance	19 mm	18 mm	18 mm	10 mm	10 mm
Pupil spacing (min./max.)	58 mm / 74 mm	58 mm / 74 mm	58 mm / 74 mm	40 mm / 74 mm	40 mm / 74 mm
Near point	3 m	3 m	3 m	6 m	6 m
Field of view	122 m/1.000 m	107 m/1.000 m	94 m/1.000 m	124 m/1.000 m	101 m/1.000 m
Height x Width x Depth	125 mm x 128 mm x 50 mm	153 mm x 138 mm x 54 mm	172 mm x 146 mm x 60 mm	104 mm x 113 mm x 43 mm	104 mm x 113 mm x 43 mm
Weight without bag	489 g	619 g	790 g	300 g	300 g
Nitrogen filled	Yes	Yes	Yes	Yes	Yes
Waterproof	Yes	Yes	Yes	Yes	Yes
Oculars for spectacle wearers	Yes	Yes	Yes	Yes	Yes
Prisms	BaK-4	BaK-4	BaK-4	BaK-4	BaK-4
Coating	full multi-coating, silvering	full multi-coating, silvering	full multi-coating, silvering	full multi-coating	full multi-coating
ED glass	No	No	No	No	No
Warranty	5 years	5 years	5 years	5 years	5 years

Technical data

Optical parameters according to [DIN 58386](#), [58388](#)



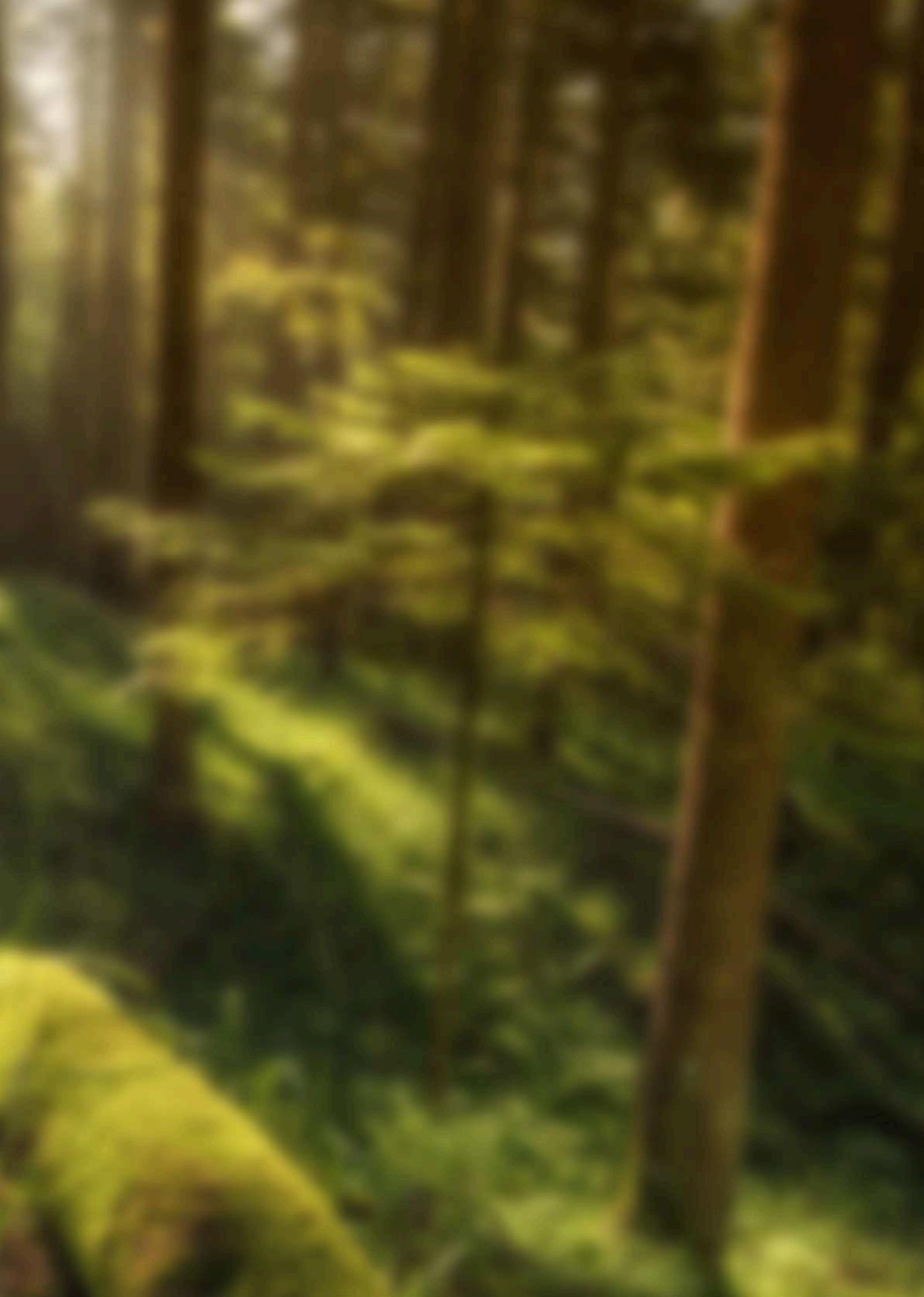
Name	arena® S	farlux® APO 8 x 42	farlux® APO 10 x 42	regatta®
Item number	46312	4274842	4274142	4250842
Magnification	20 x	8 x	10 x	8 x
Lens Ø	60 mm	42 mm	42 mm	42 mm
Exit pupil	3 mm	5.25 mm	4.2 mm	5.25 mm
Geometric luminosity	9	27.6	17.6	27.6
Twilight number	34.6	18.3	20.5	18.3
Pupils focal distance	18 mm	19 mm	16 mm	20 mm
Pupil spacing (min./max.)	Mono	58 mm / 78 mm	58 mm / 78 mm	60 mm / 70 mm
Near point	6 m	2 m	2 m	2.5 m
Field of view	34	140 m/1.000 m	122.5 m/1.000 m	113 m/1.000 m
Height x Width x Depth	150 mm x 80 mm x 350 mm	140 mm x 138 mm x 52 mm	140 mm x 138 mm x 52 mm	161 mm x 135 mm x 57 mm
Weight without bag	949 g	739 g	739 g	714 g
Nitrogen filled	Yes	Yes	Yes	Yes
Waterproof	Yes	Yes	Yes	Yes
Oculars for spectacle wearers	Yes	Yes	Yes	Yes
Prisms	BaK-4	BaK-4, phase-corrected and with dielectric mirror coating	BaK-4, phase-corrected and with dielectric mirror coating	BaK-4, BK-7, phase- corrected high reflection prisms
Coating	full multi- coating	High-transmission multi- layer full coating	High-transmission multi-layer full coating	High-transmission multi- layer full coating
Warranty Plus	No	Yes	Yes	Yes
Warranty	5 years	10 years	10 years	10 years

Technical data

Optical parameters according to [DIN 58386](#), [58388](#)



Name	microlux 4 x 13	microlux 6 x 18	viva schwarz	viva weiß	magno® X 8 x 21
Item number	4294413	4294618	841626151	841626152	84177821
Magnification	4 x	6 x	6 x	6 x	8 x
Lens Ø	13 mm	18 mm	15 mm	15 mm	21 mm
Exit pupil	3.3 mm	3 mm	2.5 mm	2.5 mm	2.6 mm
Geometric luminosity	10.5	9	6.3	6.3	6.9
Twilight number	7.2	10.4	9.5	9.5	13
Pupils focal distance	-	-	15 mm	15 mm	12 mm
Pupil spacing (min./max.)	Mono	Mono	61 mm / 72 mm	61 mm / 72 mm	56 mm / 74 mm
Near point	2 m	2 m	2 m	2 m	2.5 m
Field of view	225 m/1.000 m	142 m/1.000 m	153	153	105 m/1.000 m
Height x Width x Depth	41 mm x 27 mm x 49 mm	46 mm x 28 mm x 81 mm	98 mm x 102 mm x 32 mm	98 mm x 102 mm x 32 mm	95 mm x 105 mm x 35 mm
Weight without bag	46 g	78 g	158 g	158 g	180 g
Nitrogen filled	No	No	No	No	No
Waterproof	No	No	No	No	No
Oculars for spectacle wearers	No	No	No	No	Yes
Prisms	BK-7	BK-7	BK-7	BK-7	BK-7
Coating	full magenta coating	full magenta coating	full magenta coating	full magenta coating	Multi-coating
Warranty Plus	No	No	No	No	No
Warranty	5 years	5 years	-	-	-





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