Waldberg Binoculars 10 x 42

https://armsco.fr/en/produit-9783-Waldberg-Binoculars-10-x-42










SKU	Designation	French Law	Length (cm)	Width (cm)	Weight (g)	Magnification Min	Objectif Diam. (mm)	Colors	MSRP
OP1791	Waldberg Binoculars 10 x 42	Vente libre	15	12	659	10x	42 mm	Black	151.00 € incl. tax

Hunting binoculars, observation and hiking!

- All terrain binoculars with shockproof rubber coating and anti-slip pins.
- Optics treated anti-reflective multilayer.
- Twist system eyepieces adapted to eyeglass wearers.

Nut for mounting on a tripod at the front of the axle.

- Output pupillary diameter: 4.2 mm (the larger this diameter, the more comfortable the observation in low light).
- Twilight index: 20.5 - brightness: 27.6.
- Supplied with case, strap and optical cloth.

Calculation of the twilight index: square root of the product of magnification and diameter. For 8x42 binoculars, this is the root of 8x42, that is, the root of 336 = 18.3.
The higher the crepuscular index, the better. Indeed, the higher this index is, the more we will see details. There is another criterion for binocular clarity: brightness.
The brightness is obtained by squaring the diameter of the exit pupil (42/8 = 5.25 mm), that is to say by multiplying it by itself. In our example, the relative brightness is: 5.25 x 5.25 = 27.6. The higher this value, the better. When less than 15, binoculars are especially suitable for daytime use. Binoculars with a twilight index greater than 25 may be called night binoculars. The limit is however fuzzy. A high crepuscular index combined with low brightness (12x40 binoculars have a twilight index of 21.9 but a brightness of 11.1) will be difficult to handle.

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