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**WALDBERG™**

SKU	Designation	French Law	Length (cm)	Width (cm)	Height (cm)	Weight (g)	Magnification Min	Objectif Diam. (mm)	MSRP
OP1942	Waldberg 9 x 63 hut binoculars with cemented optical treatment	Vente libre	27.5	16.2	88.2	1360	9x	63 mm	304.00 € incl. tax

### Special gabion! Multilayer cemented optical treatment for maximum quality.

- Wide aperture prism binoculars (63 mm) for low light observation.
- Specifically studied for hut hunting (gabion) and animal watching.
- Field of vision: 5.5 ° or 96 m to 1000 m.
- Output pupillary diameter: 7 mm.
- Adjustment by central wheel and right eye by rotary eyepiece.
- Anti-shock green rubber coating.
- Eye protection and lenses.
- Folding rubber eyecups.
- Screw in 1/4 " photo for fixing on a tripod.
- Cordura cover, carrying 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:  $5.25 \times 5.25 = 27.6$ . 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.

Twilight index: 23.8.

*Les prix de vente conseillés sont mentionnés à titre indicatif. Les armuriers sont libres de vendre au prix qu'ils souhaitent. Textes et photos non contractuels, sujet à modification.*