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**WALDBERG™**

SKU	Designation	French Law	Length (cm)	Width (cm)	Weight (g)	Magnification Min	Objectif Diam. (mm)	Battery	MSRP
OP1780	JUMELLE-WALDBERG TELEMETRE LASER HR101-10X42 1300M	Vente libre	15	12	659	10x	42 mm	CR2	399.00 € incl. tax

### Hunting and observation binoculars with built-in rangefinder.

With a single movement, observe the game and measure the distance to adjust your shot perfectly. 10x magnification and a rangefinder with a range of 1300 m make it suitable for all types of hunting.

- All-terrain binoculars with shock-absorbing rubber coating and anti-slip studs.
- Multi-layer anti-reflective coated optics.
- Twist system eyepieces suitable for glasses wearers.
- Focusing via central dial.
- Rangefinder up to 1300m

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

- Exit pupil diameter: 4.2 mm (the larger this diameter, the more comfortable the observation in low light will be).
- Twilight index: 20.5 - brightness: 27.6.
- Supplied with case, strap and optical cleaning 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.

*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.*