# Clifton Cameras Product Specification

## Swarovski EL 8.5x42 WB Binoculars Full Spec

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| Technical Data |
| Magnification | 8.5x |
| Effective objective lens diameter (mm) | 42 |
| Exit pupil diameter (mm) | 4.9 |
| Exit pupil distance (eye relief) (mm) | 20 |
| Field of view (ft/1000 yds / m/1000 m) | 399 / 133 |
| Field of view (degrees) | 7.6 |
| Field of view for eyeglass wearers (degrees) | 7.6 |
| Field of view, apparent (degrees) | 60 |
| Shortest focusing distance (ft / m) | 4.9 / 1.5 |
| Dioptric compensation (dpt) | ± 5 |
| Diopter correction at ∞ (dpt) | 6 |
| Light transmission (%) | 90 |
| Pupil distance (in / mm) | 2.2-2.9 / 56-74 |
| Twilight factor acc. to ISO 14132-1 | 18.9 |

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| Technical Data |
| Length approx. (in / mm)\* | 6.3 / 160 |
| Width approx. (in / mm)\*\* | 5.2 / 131 |
| Height approx. (in / mm)\*\* | 2.4 / 61 |
| Weight approx. (oz / g) | 28.0 / 800 |
| Functional temperature | -13 °F to +131 °F (-25 °C / +55 °C) |
| Storage temperature | -22 °F to +158 °F (-30 °C / +70 °C) |
| Submersion tightness | 13 ft / 4 m water depth (inert gas filling) |
| \* Value with eyecups twisted in | \_ |
| \*\* Dimensions at a pupil distance of 2.5 in / 64 mm | \_ |