



Clifton Cameras Product Specification

Swarovski EL 8.5x42 WB Binoculars Full Spec

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)	10.83 / 3.3
Dioptic 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

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	—