



# Clifton Cameras Product Specifications

## Swarovski EL 12x50 WB Binoculars

### Specifications

#### Technical Data

Magnification	12x
Effective objective lens diameter (mm)	50
Exit pupil diameter (mm)	4.2
Exit pupil distance (eye relief) (mm)	19
Field of view (ft/1000 yds / m/1000 m)	300 / 100
Field of view (degrees)	5.7
Field of view for eyeglass wearers (degrees)	5.7
Field of view, apparent (degrees)	63
Shortest focusing distance (ft / m)	9.2 / 2.8
Dioptric compensation (dpt)	± 4
Dioptric correction at ∞ (dpt)	7
Light transmission (%)	90
Pupil distance (in / mm)	2.2-2.9 / 56-74
Twilight factor acc. to ISO 14132-1	24.5

#### Dimensions

Length approx. (in / mm)*	6.8 / 174	* Value with eyecups twisted in
Width approx. (in / mm)**	5.2 / 131	**Dimensions at a pupil distance of 2.5in/64mm
Height approx. (in / mm)**	2.6 / 67	**Dimensions at a pupil distance of 2.5in/64mm
Weight approx. (oz / g)	35.0 / 999	
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)	