

LENS CHART

(VLT) - VISIBLE LIGHT TRANSMITTANCE

Visible Light Transmittance (VLT) represents the percentage of light that passes through a lens. For example, a lens with a VLT of 23 admits 23% of visible (non-UV) light, filtering out the remaining 77%. The lower the VLT, the darker the lens. Regardless of VLT, all ESS lenses provide 100% UVA/UVB protection.



CLEAR

VLT: 90

For use indoors or at night. Has no influence on contrast or color.



PHOTOCHROMIC

VLT: 86-24

Lens with Light Adapting Technology for all light conditions - Lens goes from dark gray to clear



HI-DEF YELLOW

VLT: 85

For flat to very low light. A high-contrast lens that helps bring out definition.



HI-DEF BRONZE

VLT: 62

For flat to low light. Filters blue light to boost contrast & enhance depth perception in overcast or shaded conditions.



HI-DEF COPPER

VLT: 32

For flat to medium light. Improves contrast & depth perception of blues & greens.



MIRRORED COPPER

VLT: 23

For flat to bright light. Improves contrast & depth perception of blues & greens, while reflecting glare.



SMOKE GRAY

VLT: 15

For medium to bright light. An all-purpose daytime lens with unbiased influence on color



POLARIZED GRAY

VLT: 15

For extremely bright light & reflective surfaces. Is the most effective at cutting glare, has unbiased influence on color.



MIRRORED SILVER

VLT: 14

For medium to extremely bright light. Similar to Mirrored Gray, but with a heavier mirrored finish.



MIRRORED BLUE

VLT: 13

For medium to extremely bright light. Similar to Mirrored Silver, but with a reflective blue mirrored finish.



MIRRORED GRAY

VLT: 12

For medium to extremely bright light. An all-purpose lens that reflects glare with unbiased influence on color.



POLARIZED MIRRORED BLUE

VLT: 11

For extremely bright light & reflective surfaces. Polarized reflective blue mirrored finish.



POLARIZED MIRRORED GRAY

VLT: 9

For intense, blinding sun & reflective surfaces. Is the most effective at cutting glare, has unbiased influence on color.

BUILT FOR BATTLE. TOUGH FOR LIFE.™

Lens tint options vary between products, check configurations at www.ess-polska.pl