

EYEWEAR RECOMMENDATIONS

Seeing Machines Guardian operates using near-infrared LEDs, centered on wavelengths at 850nm and 940nm. These wavelengths allow driver illumination using a non-visible portion of the light spectrum, to avoid distracting the driver while providing the system with a clear image.

This document lists sun and safety glasses tested by Seeing Machines¹ and if they can be recommended to be used with Guardian.

Recommended Glasses



- High transmittance value (over 50%)
- Low reflectance value (less than 20%)
- Thin rims

Not Recommended Glasses



- Low transmittance value (less than 50%)
- High reflectance value (over 20%)
- Thick Rims

¹ Seeing Machines does not endorse any safety glass brands or suppliers. Testing has been conducted independently and impartially on glasses provided by customers.

RECOMMENDED GLASSES

BRAND	MODEL	PHOTO	TEST RESULT
NULLARBOR	MSA 229207C Clear Lens Safety Glasses		✓
YUKON	WRAPAROUND AS9812 Grey Lens Safety Glasses		✓
VERATTI	GT		✓
UVEX	Honeywell S3200 Genesis MC161200		✓
Eyres	TERMINATOR 102-OP-IO		✓

GUARDIAN

BRAND	MODEL	PHOTO	TEST RESULT
UVEX	Honeywell S3200 Genesis Clear lens – treated with Ultra-dura HC		✓
UVEX	Honeywell S3201X Espresso tinted lens – treated with Uvextreme antifog coating		✓
NASCAR	GT Clear Lens Safety Glasses		✓
NASCAR	GT Gray Lens Safety Glasses		✓
MSA	Clear 220175BC		✓
MSA	Gold 220175BG		✓

GUARDIAN

BRAND	MODEL	PHOTO	TEST RESULT
ACES	2668-5AF Amber Spectacles, Anti-Fog		✓
ACES	2668-1AF Clear Spectacles		✓
ACES	2668-3AF Grey Spectacles, Anti-Fog		✓
JACKSON	Safety V30 Nemesis grey		✓
JACKSON	Safety V40 Hellraiser grey		✓
BOLLE	Sidewinder DG/MTL Smoke AF/HC		✓
MSA	Arctic Gold Smoke		✓

GUARDIAN

BRAND	MODEL	PHOTO	TEST RESULT
UVEX	Polycarbonate Safety Glasses (prescription)		✓
UVEX	Trivex Lens Safety Glasses (prescription)		✓
UVEX	Titmus SW06 (prescription)		✓
PROSAFE	Harrier (Extreme HC clear lens)		✓
PROSAFE	Peregrine (clear Anti-Fog)		✓
PROSAFE	Harrier (extreme HC grey blue lens)		✓

GUARDIAN

BRAND	MODEL	PHOTO	TEST RESULT
PROSAFE	Peregrine Amber HC		✓
BOLLE	IRI-S Dioptr 2.0 Black/Grey		✓
BLUE RAPTURE	Memphis Polarized		✓

NOT RECOMMENDED GLASSES







BRAND	MODEL	PHOTO	TEST RESULT
PROSAFE	Peregrine		✗
SIDEWINDER	1615501 Clear Lens Safety Glasses		✗
PRISM LIGHT	1614403 Silver Lens Safety Glasses		✗
SAFETY WHIM CREEK	S76T ADJ BROWN Lens Safety Glasses		✗ (Lens passes test, thick rim not recommended)
SIDEWINDER	1615502 Smoke Lens Safety Glasses		✗
BOLLE	HUSTLER POLARIZED Lens Safety Glasses		✗

BRAND	MODEL	PHOTO	TEST RESULT
YUKON	WRAPAROUND AS9800 Clear Lens Safety Glasses		✗
UVEX	SONIC SIL LIR BK FR SN881		✗
UVEX	SONIC SIL LIR BK FR SN085		✗
UVEX	SONIC SIL LIR BK FR SN185		✗
BOLLE	PRISM Smoke 1614402		✗
BOLLE	PRISM Bronze / Smoke 1614402		✗

GUARDIAN

BRAND	MODEL	PHOTO	TEST RESULT
Mack	DUO ME524		×
UVEX	Honeywell S3201D Espresso tinted lens – treated with Dura-Streme™ lens coating.		×
NASCAR	GT I/O Mirror Lens Safety Glasses		×
ACES	2668-35AF Brown Spectacles, Anti-Fog		×
ACES	2668-15AF Cool Spectacles (Indoor/Outdoor), Anti-Fog		×
BOLLE	Blade Smoke HC/AF		×
BOLLE	Prism Smoke AS/AF		×

BRAND	MODEL	PHOTO	TEST RESULT
BOLLE	Blade Light Smoke S/Flash HC		✗
MSA	Discovery Smoke		✗
MSA	Discovery Lite Gold		✗
MSA	Arctic Gold Light Gold mirror		✗
UVEX	Pheos Grey lens		✗
BOLLE	Prowler Smoke lens		✗
BLUE RAPTA	Slide Smoke lens		✗

BRAND	MODEL	PHOTO	TEST RESULT
BOLLE	Sidewind Smoke lens		✗
BLUE RAPTA	Switch Smoke lens		✗
BOLLE	Prowler Safety Glasses Smoke		✗
BOLLE	Bandido Safety Glasses Smoke		✗
BOLLE	Blade Safety Glasses Smoke		✗
BOLLE	Rush Plus Safety Glasses Smoke		✗
BOLLE	Sidewind Safety Glasses Smoke		✗
BOLLE	Prism Safety Glasses Smoke		✗