

Task specific lens colors

Both the adjustable and non-adjustable safety glasses are available with different lens colors. The chart below provides information about the differences between those colors. All lenses listed below absorb 99.9% of UV radiation. * after VLT percentage (visual light transmission) indicates that those lens colors meets requirements of Z80.3 for traffic signal recognition.

	Lens colors	VLT	Applications
Indoor	Clear	92% *	indoor application where impact protection is required
" "	SCT-Vermilion	55%	indoor applications where enhanced contrast & glare reduction are needed, inspections
Low light	Amber	90% *	low light applications where enhanced contrast is needed during daytime use
Indoor/outdoor	SCT-Reflect 50	50% *	working back and forth—inside & outside, reduces glare, provides true color recognition
" "	I/O Silver Mirror	45% *	reduces artificial & sunlight glare, high performance lens for indoor and outdoor use
Outdoor	TSR Gray	22% *	when bright sunlight & glare cause eye fatigue
" "	Gray	15% *	when sunlight & glare cause eye fatigue, provides true color recognition
" "	SCT-Gray	15% *	broad protection against accidental arcs, filters 85% infrared radiation, color recognition
" "	Espresso	15% *	when sunlight & glare cause eyestrain & fatigue, true color recognition, blocks blue light
" "	Gold Mirror	15% *	when sunlight & glare cause eyestrain & fatigue, true color recognition, blocks blue light
" "	Silver Mirror	12–15% *	when bright sunlight & glare cause eye fatigue, true color recognition, for outdoor use
" "	Blue Mirror	12% *	when bright sunlight & glare cause eye fatigue