

Reference - Application selection and technical information

	Clear	Espresso	Gray	Amber	50% Gray	Light Gray	Dark Gray	Silver Mirror	Gold Mirror	Red Mirror	Blue Mirror	SCT-Reflect 50	SCT-Vermilion	SCT-Blue	SCT-Orange	SCT-Gray	SCT-Low IR	Infra-dura 2.0	Infra-dura 3.0	Infra-dura 5.0	Cobalt	Didymium (glass)	Blue Mist	Photochromic	Polarized	
Specifications																										
VLT (Visual Light Transmission)	92%	15%	15%	90%	50%	35%	10%	15%	15%	15%	15%	50%	55%	57%	45%	15%	80%	35%	14%	2%	0.2%	48%	86%	21%	12%	
UV Absorption (UVA, UVB and UVC)	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	80.0%	99.9%	86.0%	99.9%	
Applications																										
Most indoor applications	■																							■	■	
Low light applications in which contrast may be enhanced				■									■											■		
Reduce lens glare from fluorescent and halogen lights													■													
Outdoor applications where sunlight and glare cause eye strain and fatigue		■	■		■	■	■	■	■	■	■	■				■										■
Indoor/outdoor applications	■			■	■							■													■	
Strong sunlight and glare		■	■				■	■	■	■	■					■									■	■
Indoor applications where peripheral infrared radiation protection is required (under welding helmets, near welding sites)																	■									
Work areas with high levels of yellow light using sodium vapor lighting														■												
Situations with high heat applications such as metal glare and glass blowing																					■	■				
Torch welding, torch brazing and cutting																		■	■	■						
Reduces eye fatigue by absorbing blue and green light (good for UV lamp exposure)															■											