

LENS TINTS

LENS TINT	AREA	COLOR BENEFITS & APPLICATIONS	VISIBLE LIGHT TRANSMISSION
Clear	Indoor/ Outdoor (I/O)	General purpose with impact protection and maximum visibility	86-96%
Amber/ Yellow	I / O	Best for enhancing contrast and light in low light applications; not recommended for bright light environments; moderate blue light reduction	76-85%
Light Blue	I / O	Neutralizes the yellowing effects of Low Pressure Sodium (LPS) or High Pressure Sodium (HPS) lighting. Improves contrast in hazy conditions	68-78%
Pink / Rose / Vermillion	I / O	Enhances detail; good for irregularity inspection; improves target point sighting of red alignment or leveling beams; mutes greenery, thus, excellent for golfing	40-82%
Indoor/ Outdoor	I / O	Provides comfortable transition in and out of direct sunlight; reduces glare; good universal tint; <u>NOT</u> a transitional/photochromic lens	50-65%
Light Bronze / Dark Amber	I / O	Provides comfortable transition in and out of sunlight; increases contrast with moderate blue light reduction; soothing, subtle brightness reduction	44-68%
Orange/Mango Persimmon	Outdoor	Increases contrast and improves low light image resolution; Excellent for enhancing orange clay targets; good blue light reduction	40-66%
Red	Outdoor	Enhances detail and depth perception; improves target point sighting of red alignment or leveling beams	28-48%
Purple	Outdoor	Enhances contrast, especially in orange clays; like Rose, can mute greenery and help a light colored golf ball stand out. Good in medium-to-bright light.	24-44%
Gradient Gray	Outdoor	Similar to Gray; provides protection from light and glare above, while allowing clearer viewing and reading from front or below	16 / 50 %
IR Shade 2	Welding	Protects against harmful UV and IR radiation in light welding, brazing, cutting, and soldering environments; 2.0 provides light protection	19-26%
Brown / Mocha Espresso	Outdoor	Similar to Gray, but enhances contrast and depth perception with increased blue light blocking, and is more soothing for all-day use	12-25%
Copper	Outdoor	Ideal for medium to bright outdoor conditions where sunlight and glare cause eye strain and fatigue; filters the blue light rays of spectrum	8-25%
Smoke Green	Outdoor	Similar to Gray; slightly better contrast-enhancing properties	12-21%
Gray/Smoke	Outdoor	* Provides protection from glare and bright light and without distorting color perception; considered the most "neutral" sun lens tint	10-20%
Polarized Gray	Outdoor	Eliminates reflective glare; best for reducing eye strain and fatigue; allows viewing of surroundings in richer colors	9-18%
Silver Mirror	Outdoor	Mirror coating over Gray* lens (usually), provides additional light-reflecting properties; the mirror <i>color</i> has minimal impact on visibility	9-16%
Blue Ice Mirror	Outdoor	Same as above	9-15%
Gold Mirror	Outdoor	Same as above	9-15%
Fire Mirror	Outdoor	Same as above	9-15%
Blue Mirror	Outdoor	Same as above	9-15%
IR Shade 3	Welding	Provides medium protection against harmful UV and IR radiation in <u>light</u> welding, brazing, cutting, and soldering environments	8-15%
IR Shade 5	Welding	Provides heavy protection against harmful UV and IR radiation in <u>light</u> welding, brazing, cutting, and soldering environments	2-3%
Didymium	High Heat	Amethyst Contrast Enhancer (ACE) blocks yellow sodium flare at 589nm in glass heating and blowing; allows wearer to see glass in the flame	1-80%; Variable
Cobalt Blue	High Heat	Provides heavy protection against harmful UV and IR radiation; reduces glare from furnaces, where hot metal and glass blowing is common.	0.2%

Note: All polycarbonate lenses provide at least 99% protection from harmful UV-A and UV-B rays