



All Columbia LoE³ glass is triple coated, dual sealed and injected with Argon gas.

Glass	Characteristics			
LoE ³ Clear or LoE ³ Clear Laminated Industry benchmark	<ul style="list-style-type: none"> Dual pane with argon gas. The LoE³ - 366[®] triple coating is virtually invisible. Microscopically thin, 3 transparent layers of silver between layers of anti-reflective metal oxide coating. Blocks 95% (Temp/ Temp) or 99% (Temp/ Laminated) of the sun's damaging ultraviolet rays (a leading cause of fading). Provides at least twice the condensation resistance of ordinary glass. 	95% UV Rays Blocked	64% Light Transmitted	0.28 Solar Heat Gain
LoE ³ Bronze or Grey Glare reduction	<ul style="list-style-type: none"> All the benefits of LoE³ triple coating plus glare reduction. Reduces solar heat gain and light transmittance. Ideal for rooms that require soft light. Suitable for rooms that are south or west facing. Neat glazing available as add on. Available in Bronze and Grey tints. 	95% UV Rays Blocked	45% Light Transmitted	0.27 Solar Heat Gain
LoE ³ Neat Low Maintenance	<ul style="list-style-type: none"> All the benefits of LoE³ triple coating with "self cleaning" properties. Titanium dioxide layer reacts with UV rays and causes organic materials on glass to decompose. Exceptionally smooth, allowing water to disperse evenly or "sheet off" and evaporate quickly. Works even on cloudy days, as 80% of UV radiation gets through cloud cover. 	95% UV Rays Blocked	64% Light Transmitted	0.28 Solar Heat Gain
LoE ³ Solar Reflective Bronze or Grey Mirror Finish	<ul style="list-style-type: none"> All the benefits of LoE³ triple coating plus glare reduction. Mirror finish reflects the sun, resulting in the lowest visible light transmission and daytime privacy. Superior solar heat gain and light control characteristics. Available in Bronze and Grey tints. 	99.5% UV Rays Blocked	17% Light Transmitted	0.15 Solar Heat Gain
LoE ³ i89 Energy Plus Close to triple pane performance	<ul style="list-style-type: none"> All the benefits of LoE³ Clear triple coating, plus an additional LoE-i89 coating on the inside pane of glass. Gives you close to triple pane performance in a double pane skylight. LoE-i89 in combination with LoE³-366[®] is virtually invisible, allowing 58% visible light. Provides optimum thermal control for your skylight at an affordable price. Neat glazing available as add on. 	95% UV Rays Blocked	58% Light Transmitted	0.25 Solar Heat Gain
LoE ³ Triple Glazed Snow load glass	<ul style="list-style-type: none"> Three glazing layers and two LoE³-366[®] triple coatings create the industry's most energy efficient option. 48% visible light transmission and the best performance against solar heat gain and heat loss. Effective in reducing noise transmission. Neat glazing available as add on. 	99.5% UV Rays Blocked	48% Light Transmitted	0.24 Solar Heat Gain
LoE ³ Triple Glazed Laminated Safety glass	<ul style="list-style-type: none"> Three glazing layers with LoE³-366[®] and clear laminated resulting in superior U-Value 57% visible light transmission and the best performance against solar heat gain and heat loss. Effective in preventing fading and reducing noise transmission. Recommended for out of reach applications Meets Vancouver building code 	99.5% UV Rays Blocked	57% Light Transmitted	0.25 Solar Heat Gain
Tempered Glass	<ul style="list-style-type: none"> All glass units include both panes tempered which is up to five times stronger than ordinary glass. Ensures protection against hail and windblown debris. 			
Laminated Glass Additional safety	<ul style="list-style-type: none"> Available as an add on - on all glazing options. For additional safety choose Tempered/Laminate glazing. Tough vinyl interlayer holds glass together when shattered. Choose from clear or translucent white laminate. Blocks 99% of UV Rays. 			



Acrylic

Clear	<ul style="list-style-type: none"> Allows the maximum amount of visible light.
Bronze	<ul style="list-style-type: none"> Allows a clear view through the skylight while reducing the amount of visible light and solar heat gain. Results in softer room lighting.
White	<ul style="list-style-type: none"> Offers privacy along with reduced visible light and solar heat gain.

Polycarbonate

- A tough plastic that exhibits outstanding strength.
- Often used in commercial applications where low flame spread ratings are required.