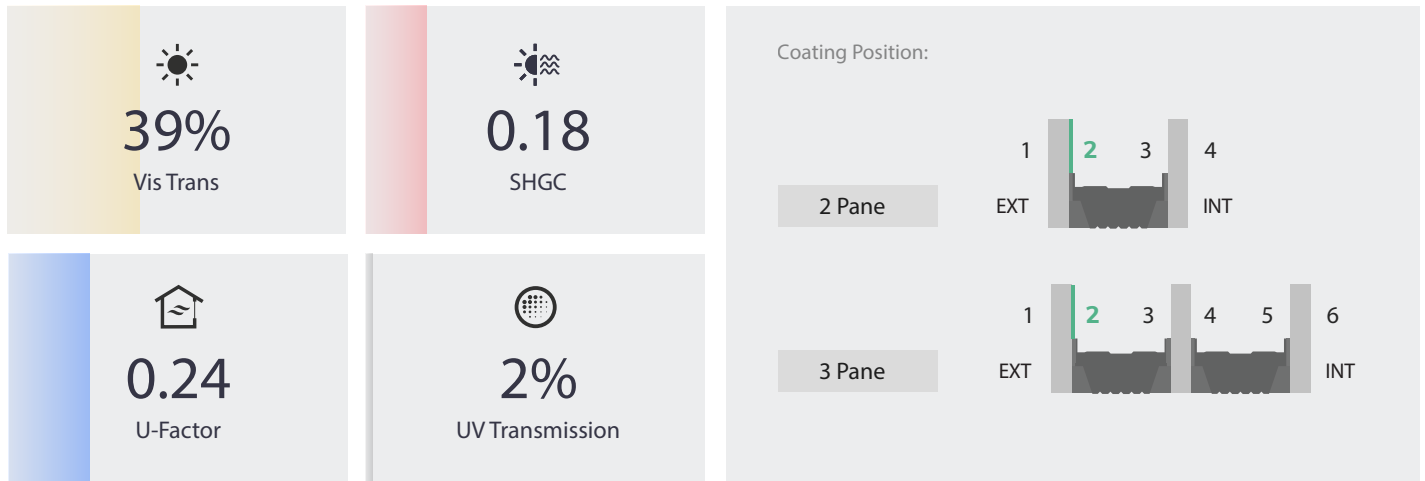


LoE³-340+

Peak Performance in Glare and Solar Protection

The solar characteristics of Cardinal LoE³-340+® glass are unmatched. With a neutral appearance and the lowest SHGC of 0.18 of all LoE coatings, LoE³-340+ reduces excessive solar heat gain while effectively managing glare. It also includes Neat+™ technology for a naturally cleaner exterior surface and easier maintenance.



Data is produced using LBNL Window 7.8. 2-pane IG units have 13mm airspace and filled to 90% argon.

Benefits of LoE³-340+

- ✓ Exceptional Glare Control
- ✓ Lowest Solar Heat Gain
- ✓ Neutral Gray Appearance
- ✓ Neat+™ Coating Included

LoE³-340+ delivers ultra-low UV transmission, reducing fading on furniture, flooring, and décor. The unique anti-glare features of LoE³-340+ enable the passage of visible light while minimizing glare for clear views. It can also be configured in laminated options like Sea-Storm monolithic or insulating glass configurations for hurricane protection.

Available with Sea-Storm®

Custom shapes & sizes

Thicknesses: 2.2 to 6mm

Max dimensions: 96" x 144"

Note: LoE³-340+ is available as annealed, heat-strengthened, tempered, or laminated glass.

ENERGY STAR 7.0

ENERGY STAR® is a program run by the U.S. Environmental Protection Agency (EPA) that promotes energy efficiency in consumer products, including windows. ENERGY STAR 7.0 is the latest version of the ENERGY STAR program's requirements for windows.

LoE³-340+ can be used to meet the criteria for the North-Central, South-Central and Southern climate zones.

Whole-Window Performance Criteria

	U-Factor	SHGC	
▶ Northern	≤0.22	≥0.17	Prescriptive
	=0.23	≥0.35	Equivalent Energy Performance
	=0.24		
	=0.25	≥0.40	
	=0.26		
▶ North-Central	≤0.25	≤0.40	
▶ South-Central	≤0.28	≤0.23	
▶ Southern	≤0.32	≤0.23	



		3/4" Dual Pane with 3mm Glass		1" Triple Pane with 3mm Glass		90% Argon	
Center-of-Glass Performance	Dual Pane	VISIBLE LIGHT		FADING		U-FACTOR	
		Transmission	Exterior	UV	ISO	SHGC	Air Fill
							Argon Fill
							IP / SI
	▶ LoE ³ -340+ / Clear	39%	13%	2%	27%	0.18	0.29 / 1.65
	▶ LoE ³ -340+ / LoE-i89	38%	13%	2%	26%	0.17	0.23 / 1.31
	▶ LoE ³ -340+ / Clear / LoE-180	34%	14%	1%	23%	0.16	0.22 / 1.23
	▶ LoE ³ -340+ / LoE-180 / LoE-i89	34%	14%	1%	22%	0.15	0.18 / 1.04

LBNL Window 7 per NFRC100 conditions. LoE³-340+ is intended for the 2nd surface on an insulating glass unit.



ENGINEERING THE FUTURE OF GLASS

Contact Cardinal CG to learn more about LoE³-340+ and other Cardinal glass products.

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