



LoE²-240

Enhance Views, Reduce Glare, Control Heat



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Where heat and glare are a problem, Cardinal LoE²-240® glass is the ideal solution. With unparalleled solar performance and optimum glare protection, LoE²-240 keeps the sun in its place. The result? Maximum comfort and great views, even on the warmest and sunniest of days.



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

Benefits of LoE²-240

- ✓ Exceptional Glare Control
- ✓ Very Low Solar Heat Gain
- ✓ Cold Weather Protection Too
- ✓ Good Summer Comfort

LoE²-240 outperforms tinted glass by effectively controlling glare, maximizing solar blockage, and maintaining comfortable glass temperatures throughout the year without the downsides of tinted glass. Experience cost savings, improved appearance, and consistent performance with this spectrally selective glass.

- Custom shapes & sizes
- Neutral color
- Fade Control
- Thickness: 2.2 to 6mm
- Max dimensions: 96" x 144"

Note: LoE²-240 is available as annealed, heat-strengthened or tempered 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.

LoE²-240 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		
	=0.26		
▶ 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

Triple Pane

	VISIBLE LIGHT		FADING		SHGC	U-FACTOR	
	Transmission	Exterior	UV	ISO		Air Fill	Argon Fill
						IP / SI	IP / SI
▶ LoE ² -240 / Clear	40%	14%	15%	35%	0.25	0.30 / 1.71	0.25 / 1.45
▶ LoE ² -240 / LoE-i89	39%	14%	14%	34%	0.24	0.24 / 1.34	0.21 / 1.17
▶ LoE ² -240 / Clear / LoE-180	35%	16%	7%	27%	0.22	0.16 / 0.93	0.13 / 0.74
▶ LoE ² -240 / LoE-180 / LoE-i89	34%	16%	6%	27%	0.21	0.14 / 0.80	0.12 / 0.65

LBNL Window 7 per NFRC100 conditions. LoE²-240 is intended for the 2nd surface on an insulating glass unit.



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Contact Cardinal CG to learn more about LoE²-240 and other Cardinal glass products.

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