


Calculation based on ISO 10077-2, EN 673, EN 410

Product name: Kohltech Supreme Narrow Picture LoGain				Center-of-glass properties				
ASHRAE/IECC /DOE North American Climate Zone	North, East, South- facing	West - facing						
			Guardian EnerGlas Plus LG			No Grids		
Climate specific recommendations:			Whole-window installed U-value		Ucog-Value			
			W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F	
8			0.88	0.15	0.332	0.661	0.116	
7			0.88	0.16	0.332	0.666	0.117	
6			0.89	0.16	0.332	0.675	0.119	
5			0.89	0.16	0.332	0.677	0.119	
4			0.90	0.16	0.332	0.681	0.120	
Marine North		✓	0.90	0.16	0.332	0.684	0.121	
Marine South	✓		0.90	0.16	0.332	0.690	0.121	
3	✓		0.90	0.16	0.332	0.687	0.121	
2 West			0.91	0.16	0.332	0.701	0.124	
2 East			0.91	0.16	0.332	0.701	0.124	
Kohltech Supreme Narrow Pi SS-Premium Plus	FRAME				Psi-spacer		Psi-opaque	
	Frame height		U-frame		Ψ			
	mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F	W/mK	
	Head	50	1.96	1.15	0.20	0.026	0.015	0.085
	Sill	50	1.96	1.15	0.20	0.026	0.015	BTU/hr.ft.F
left jamb	50	1.96	1.14	0.20	0.026	0.015	0.049	
right jamb	50	1.96	1.14	0.20	0.026	0.015	Grade A	

Valid through March 2021