













Calculation based on ISO 15099

Product name: CPVC_Sidelite						Center-of-glass properties	
ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing South-facing					Guardian 1.0 OA-CG7036#2-Arg95-CG7036#4-Arg95-Clr 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	1.31	0.23	0.303	0.936	0.165	
	7	1.31	0.23	0.303	0.943	0.166	
	6	1.32	0.23	0.303	0.953	0.168	
	5	1.32	0.23	0.303	0.956	0.168	
	4	1.32	0.23	0.303	0.961	0.169	
	Marine North	1.33	0.23	0.303	0.964	0.170	
	Marine South	1.33	0.23	0.303	0.969	0.171	
	3	1.33	0.23	0.303	0.966	0.170	
	2 West	1.33	0.23	0.303	0.971	0.171	
2 East	1.33	0.23	0.303	0.971	0.171		
CPVC_Sidelite	FRAME				Psi-spacer		Psi-opaque
Premium Plus ZF-S	Frame height		U-frame		Ψ		
	mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F	W/mK
Head	111	4.35	1.62	0.29	0.020	0.011	0.243
Sill	147	5.79	1.86	0.33	0.019	0.011	BTU/hr.ft.F
left jamb	111	4.35	1.62	0.29	0.021	0.012	0.140
right jamb	111	4.35	1.62	0.29	0.021	0.012	Grade D












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ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing			SDL/no Internal grids < 25.4mm				
	South- facing							
Climate specific recommendations:		Whole-window installed U-value		<u>Ucog-Value</u>				
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F		
8		"	"	"	0.936	0.165		
7		"	"	"	0.943	0.166		
6		"	"	"	0.953	0.168		
5		"	"	"	0.956	0.168		
4		"	"	"	0.961	0.169		
Marine North		"	"	"	0.964	0.170		
Marine South		"	"	"	0.969	0.171		
3		"	"	"	0.966	0.170		
2 West		"	"	"	0.971	0.171		
2 East		"	"	"	0.971	0.171		
CPVC_Sidelite Premium Plus ZF-S		FRAME				Psi-spacer		Psi-opaque
		Frame height		U-frame		Ψ		W/mK
mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F	W/mK		
Head	111	4.35	1.62	0.29	0.020	0.011	0.243	
Sill	147	5.79	1.86	0.33	0.019	0.011	BTU/hr.ft.F	
left jamb	111	4.35	1.62	0.29	0.021	0.012	0.140	
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CPVC_Sidelite		FRAME				Psi-spacer		Psi-opaque
		Frame height		U-frame		Ψ		W/mK
Premium Plus ZF-S		mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F	
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		Frame height		U-frame		Ψ	
		mm	in	W/m2K	BTU/hr.ft2.F	W/mK	
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Sill		147	5.79	1.86	0.33	0.019	0.011
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








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