

**TEST REPORT FOR STEVES & SONS**

Report No.: P0339.03-116-45 R0

Date: 02/07/23

**SECTION 6**

**SIMULATION RESULTS**

TOTAL PRODUCT CALCULATIONS (Fiberglass Entry Door)																					
Option Number	Description	Pane Thickness 1 (in.)	Low-e Pane 1	Gap Width 1 (in.)	Gap Fill 1	Pane Thickness 2 (in.)	Low-e Pane 2	Gap Width 2 (in.)	Gap Fill 2	Pane Thickness 3 (in.)	Low-e Pane 3	Tint	Spacer	Grid Type	U-Factor (Btu/hr-ft2-F)	SHGC - No Grids	VT - No Grids	SHGC - Grids < 1"	VT - Grids < 1"	SHGC - Grids > 1"	VT - Grids > 1"
1	No Lite: 6 Panel											OT	N	N	0.17	0.01	0.00				
2	1/4 Lite: GP Glass: YEA/Argon/Clear - DS/DS 1" IG	0.126	0.162(#2)	0.750	ARG90	0.120						CL	A1-D	N	0.22	0.09	0.09				
3	1/4 Lite: GP Glass: YEA/Argon/Clear - DS/DS 1" IG	0.126	0.162(#2)	0.750	ARG90	0.120						CL	A1-D	G	0.24					0.07	0.07
4	1/4 Lite: GP Glass: Clear/Air/Deco/Air/Clear -Caming DS/DS/DS 1" IG	0.120		0.316	AIR	0.120		0.316	AIR	0.120		CL	A5-D	G	0.22			0.08	0.08		
5	1/4 Lite: GP Glass: Clear/Air/Clear - Iron Bar - DS/DS 1" IG	0.126	0.162(#2)	0.750	AIR	0.120						CL	A5-D	G	0.22			0.08	0.08		
6	1/4 Lite: Weier Glass: Optilite 1,1 Plus/Argon/Clear - DS/DS 1" IG	0.125	0.057(#2)	0.750	ARG90	0.120						CL	A1-D	N	0.21	0.08	0.10				
7	1/2 Lite: GP Glass: YEA/Argon/Clear - DS/DS 1" IG	0.126	0.162(#2)	0.750	ARG90	0.120						CL	A1-D	N	0.25	0.17	0.18				
8	1/2 Lite: GP Glass: YEA/Argon/Clear - DS/DS 1" IG	0.126	0.162(#2)	0.750	ARG90	0.120						CL	A1-D	G	0.29					0.13	0.14
9	1/2 Lite: GP Glass: Clear/Air/Deco/Air/Clear -Caming DS/DS/DS 1" IG	0.120		0.316	AIR	0.120		0.316	AIR	0.120		CL	A5-D	G	0.25			0.15	0.15		
10	1/2 Lite: GP Glass: Clear/Air/Clear - Iron Bar - DS/DS 1" IG	0.126	0.162(#2)	0.750	AIR	0.120						CL	A5-D	G	0.25			0.15	0.16		
11	1/2 Lite: GP Glass: YEA/Argon/Clear - Mini-Blind UP - DS/DS 1" IG	0.126	0.162(#2)	0.759	ARG90	0.120						BG	A1-D	N	0.28	0.14	0.14				
12	1/2 Lite: Weier Glass: Optilite 1,1 Plus/Argon/Clear - DS/DS 1" IG	0.125	0.057(#2)	0.750	ARG90	0.120						CL	A1-D	N	0.24	0.15	0.19				

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13	3/4 Lite: GP Glass: YEA/Argon/Clear - DS/DS 1" IG	0.126	0.162(#2)	0.750	ARG90	0.120						CL	A1-D	N	0.27	0.22	0.24				
14	3/4 Lite: GP Glass: YEA/Argon/Clear - DS/DS 1" IG	0.126	0.162(#2)	0.750	ARG90	0.120						CL	A1-D	G	0.33					0.17	0.18
15	3/4 Lite: GP Glass: Clear/Air/Deco/Air/Clear -Caming DS/DS/DS 1" IG	0.120		0.316	AIR	0.120		0.316	AIR	0.120		CL	A5-D	G	0.27			0.20	0.20		
16	3/4 Lite: GP Glass: Clear/Air/Clear - Iron Bar - DS/DS 1" IG	0.126	0.162(#2)	0.750	AIR	0.120						CL	A5-D	G	0.27			0.19	0.21		
17	3/4 Lite: GP Glass: YEA/Argon/Clear - Mini-Blind UP - DS/DS 1" IG	0.126	0.162(#2)	0.759	ARG90	0.120						BG	A1-D	N	0.31	0.18	0.19				
18	3/4 Lite: Weier Glass: Optilite 1,1 Plus/Argon/Clear - DS/DS 1" IG	0.125	0.057(#2)	0.750	ARG90	0.120						CL	A1-D	N	0.26	0.20	0.26				
19	Full Lite: GP Glass: YEA/Argon/Clear - DS/DS 1" IG	0.126	0.162(#2)	0.750	ARG90	0.120						CL	A1-D	N	0.30	0.29	0.33				
20	Full Lite: GP Glass: YEA/Argon/Clear - DS/DS 1" IG	0.126	0.162(#2)	0.750	ARG90	0.120						CL	A1-D	G	0.38					0.23	0.25
21	Full Lite: GP Glass: Clear/Air/Deco/Air/Clear -Caming DS/DS/DS 1" IG	0.120		0.316	AIR	0.120		0.316	AIR	0.120		CL	A5-D	G	0.31			0.26	0.28		
22	Full Lite: GP Glass: Clear/Air/Clear - Iron Bar - DS/DS 1" IG	0.126	0.162(#2)	0.750	AIR	0.120						CL	A5-D	G	0.30			0.26	0.28		
23	Full Lite: GP Glass: YEA/Argon/Clear - Mini-Blind UP - DS/DS 1" IG	0.126	0.162(#2)	0.759	ARG90	0.120						BG	A1-D	N	0.35	0.24	0.26				
24	Full Lite: Weier Glass: Optilite 1,1 Plus/Argon/Clear - DS/DS 1" IG	0.125	0.057(#2)	0.750	ARG90	0.120						CL	A1-D	N	0.28	0.26	0.34				

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25	1/2 Lite: Weier Glass: Optilite 1,1 Plus/Air/Clear - IG Blind UP - DS/DS 1" IG	0.124	0.051(#2)	0.747	AIR	0.120						BG	A1-D	N	0.28	0.10	0.14				
26	1/2 Lite: Weier Glass: Optilite 1,1 Plus/Argon/Clear - IG Blind UP - DS/DS 1" IG	0.124	0.051(#2)	0.747	ARG90	0.120						BG	A1-D	N	0.27	0.10	0.14				
27	3/4 Lite: Weier Glass: Optilite 1,1 Plus/Air/Clear - IG Blind UP - DS/DS 1" IG	0.124	0.051(#2)	0.747	AIR	0.120						BG	A1-D	N	0.31	0.14	0.19				
28	3/4 Lite: Weier Glass: Optilite 1,1 Plus/Argon/Clear - IG Blind UP - DS/DS 1" IG	0.124	0.051(#2)	0.747	ARG90	0.120						BG	A1-D	N	0.29	0.14	0.19				
29	Full Lite: Weier Glass: Optilite 1,1 Plus/Air/Clear - IG Blind UP - DS/DS 1" IG	0.124	0.051(#2)	0.747	AIR	0.120						BG	A1-D	N	0.34	0.19	0.26				
30	Full Lite: Weier Glass: Optilite 1,1 Plus/Argon/Clear - IG Blind UP - DS/DS 1" IG	0.124	0.051(#2)	0.747	ARG90	0.120						BG	A1-D	N	0.33	0.19	0.26				
31	1/2 Lite: Weier Glass: Optilite 1,1 Plus/Argon/Advantage(#4) - IG Blind UP - DS/DS 1" IG	0.125	0.057(#2)	0.747	ARG90	0.118	0.164(#4)					BG	A1-D	N	0.24	0.11	0.13				
32	3/4 Lite: Weier Glass: Optilite 1,1 Plus/Argon/Advantage(#4) - IG Blind UP - DS/DS 1" IG	0.125	0.057(#2)	0.747	ARG90	0.118	0.164(#4)					BG	A1-D	N	0.26	0.15	0.19				

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33	Full Lite: Weier Glass: Optilite 1,1 Plus/Argon/Advantage(#4) - IG Blind UP - DS/DS 1" IG	0.125	0.057(#2)	0.747	ARG90	0.118	0.164(#4)					BG	A1-D	N	0.28	0.20	0.25				