

# Eagle Window & Door

## Ascent<sup>®</sup> Sliding Patio Door Sidelite

3068 Tested Size at DP 40

Series 05 Ascent Clad Patio Door Sidelite

Glass Type	Divided Light Options	U-VAL	SHGC	VLT	CR	Energy Star Zone
High-Performance™ Low-E4™ 3.1mm / 13mm / 3.1mm	No Between-glass Grilles or MDL	0.33	0.31	0.52	56	2
	7/8" CDL	0.33	0.28	0.47	56	2
	1-1/8" & 1-1/2" CDL	0.33	0.25	0.41	56	2
	5/8" Between-glass Grilles	0.34	0.28	0.47	56	2
	1" Between-glass Grilles	0.34	0.28	0.47	56	2
	5/8" MDL	0.34	0.28	0.47	56	2
	7/8" MDL	0.34	0.28	0.47	56	2
	1-1/2" MDL	0.37	0.25	0.41	56	8
	1-1/8" MDL	0.35	0.25	0.41	56	2
High-Performance™ Low-E4™ High Altitude 3.1mm / 13mm / 3.1mm	No Between-glass Grilles or MDL	0.36	0.31	0.52	53	8
	7/8" CDL	0.36	0.28	0.47	53	8
	1-1/8" & 1-1/2" CDL	0.36	0.25	0.41	53	8
	5/8" Between-glass Grilles	0.37	0.28	0.47	53	8
	1" Between-glass Grilles	0.37	0.28	0.47	53	8
	5/8" MDL	0.37	0.28	0.47	53	8
	7/8" MDL	0.37	0.28	0.47	53	8
	1-1/2" MDL	0.39	0.25	0.41	53	8
	1-1/8" MDL	0.38	0.25	0.41	53	8
High-Performance™ Low-E4™ Gray Tint 3.1mm / 13mm / 3.1mm	No Between-glass Grilles or MDL	0.33	0.28	0.36	56	2
	7/8" CDL	0.33	0.25	0.32	56	2
	1-1/8" & 1-1/2" CDL	0.33	0.23	0.28	56	2
	5/8" Between-glass Grilles	0.34	0.25	0.32	56	2
	1" Between-glass Grilles	0.34	0.25	0.32	56	2
	5/8" MDL	0.34	0.25	0.32	56	2
	7/8" MDL	0.34	0.25	0.32	56	2
	1-1/2" MDL	0.37	0.23	0.28	56	8
	1-1/8" MDL	0.35	0.23	0.28	56	2
High-Performance™ Low-E4™ Gray Tint High Altitude 3.1mm / 13mm / 3.1mm	No Between-glass Grilles or MDL	0.36	0.28	0.36	53	8
	7/8" CDL	0.36	0.25	0.32	53	8
	1-1/8" & 1-1/2" CDL	0.36	0.23	0.28	53	8
	5/8" Between-glass Grilles	0.37	0.25	0.32	53	8
	1" Between-glass Grilles	0.37	0.25	0.32	53	8
	5/8" MDL	0.37	0.25	0.32	53	8
	7/8" MDL	0.37	0.25	0.32	53	8
	1-1/2" MDL	0.39	0.23	0.28	53	8
	1-1/8" MDL	0.38	0.23	0.28	53	8
High-Performance™ Low-E4™ Bronze Tint 3.1mm / 13mm / 3.1mm	No Between-glass Grilles or MDL	0.33	0.29	0.39	56	2
	7/8" CDL	0.33	0.26	0.35	56	2
	1-1/8" & 1-1/2" CDL	0.33	0.23	0.31	56	2
	5/8" Between-glass Grilles	0.34	0.26	0.35	56	2
	1" Between-glass Grilles	0.34	0.26	0.35	56	2
	5/8" MDL	0.34	0.26	0.35	56	2
	7/8" MDL	0.34	0.26	0.35	56	2
	1-1/2" MDL	0.37	0.23	0.31	56	8
	1-1/8" MDL	0.35	0.23	0.31	56	2

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High-Performance™ Low-E4™ Bronze Tint High Altitude 3.1mm / 13mm / 3.1mm	No Between-glass Grilles or MDL	0.36	0.29	0.39	53	8
	7/8" CDL	0.36	0.26	0.35	53	8
	1-1/8" & 1-1/2" CDL	0.36	0.24	0.31	53	8
	5/8" Between-glass Grilles	0.37	0.26	0.35	53	8
	1" Between-glass Grilles	0.37	0.26	0.35	53	8
	5/8" MDL	0.37	0.26	0.35	53	8
	7/8" MDL	0.37	0.26	0.35	53	8
	1-1/2" MDL	0.39	0.24	0.31	53	8
Low-E 240 3.1mm / 13mm / 3.1mm	No Between-glass Grilles or MDL	0.37	0.19	0.29	56	8
	7/8" CDL	0.37	0.17	0.25	56	8
	1-1/8" & 1-1/2" CDL	0.37	0.15	0.23	56	8
	5/8" Between-glass Grilles	0.38	0.17	0.26	56	8
	1" Between-glass Grilles	0.38	0.17	0.26	56	8
	5/8" MDL	0.38	0.17	0.26	56	8
	7/8" MDL	0.38	0.17	0.26	56	8
	1-1/2" MDL	0.40	0.15	0.23	56	8
Low-E 240 High Altitude 3.1mm / 13mm / 3.1mm	No Between-glass Grilles or MDL	0.40	0.19	0.29	53	8
	7/8" CDL	0.40	0.18	0.26	53	8
	1-1/8" & 1-1/2" CDL	0.40	0.16	0.23	53	8
	5/8" Between-glass Grilles	0.41	0.18	0.26	53	5
	1" Between-glass Grilles	0.41	0.18	0.26	53	5
	5/8" MDL	0.41	0.18	0.26	53	5
	7/8" MDL	0.41	0.18	0.26	53	5
	1-1/2" MDL	0.42	0.16	0.23	53	5
Low-E 366 3.1mm / 13mm / 3.1mm	No Between-glass Grilles or MDL	0.39	0.21	0.47	54	8
	7/8" CDL	0.39	0.19	0.42	54	8
	1-1/8" & 1-1/2" CDL	0.39	0.17	0.37	54	8
	5/8" Between-glass Grilles	0.40	0.19	0.42	54	8
	1" Between-glass Grilles	0.40	0.19	0.42	54	8
	5/8" MDL	0.40	0.19	0.42	54	8
	7/8" MDL	0.40	0.19	0.42	54	8
	1-1/2" MDL	0.42	0.17	0.37	54	5
Low-E 366 High Altitude 3.1mm / 13mm / 3.1mm	No Between-glass Grilles or MDL	0.37	0.20	0.47	57	8
	7/8" CDL	0.37	0.19	0.42	57	8
	1-1/8" & 1-1/2" CDL	0.37	0.17	0.37	57	8
	5/8" Between-glass Grilles	0.38	0.19	0.42	57	8
	1" Between-glass Grilles	0.38	0.19	0.42	57	8
	5/8" MDL	0.38	0.19	0.42	57	8
	7/8" MDL	0.38	0.19	0.42	57	8
	1-1/2" MDL	0.39	0.17	0.37	57	8
1-1/8" MDL	0.38	0.17	0.37	57	8	

U-Factor - Rate of Heat Loss = 1/R  
 SHGC - Solar Heat Gain Coefficient  
 VLT- Visible Light Transmittance  
 CR - Condensation Resistance