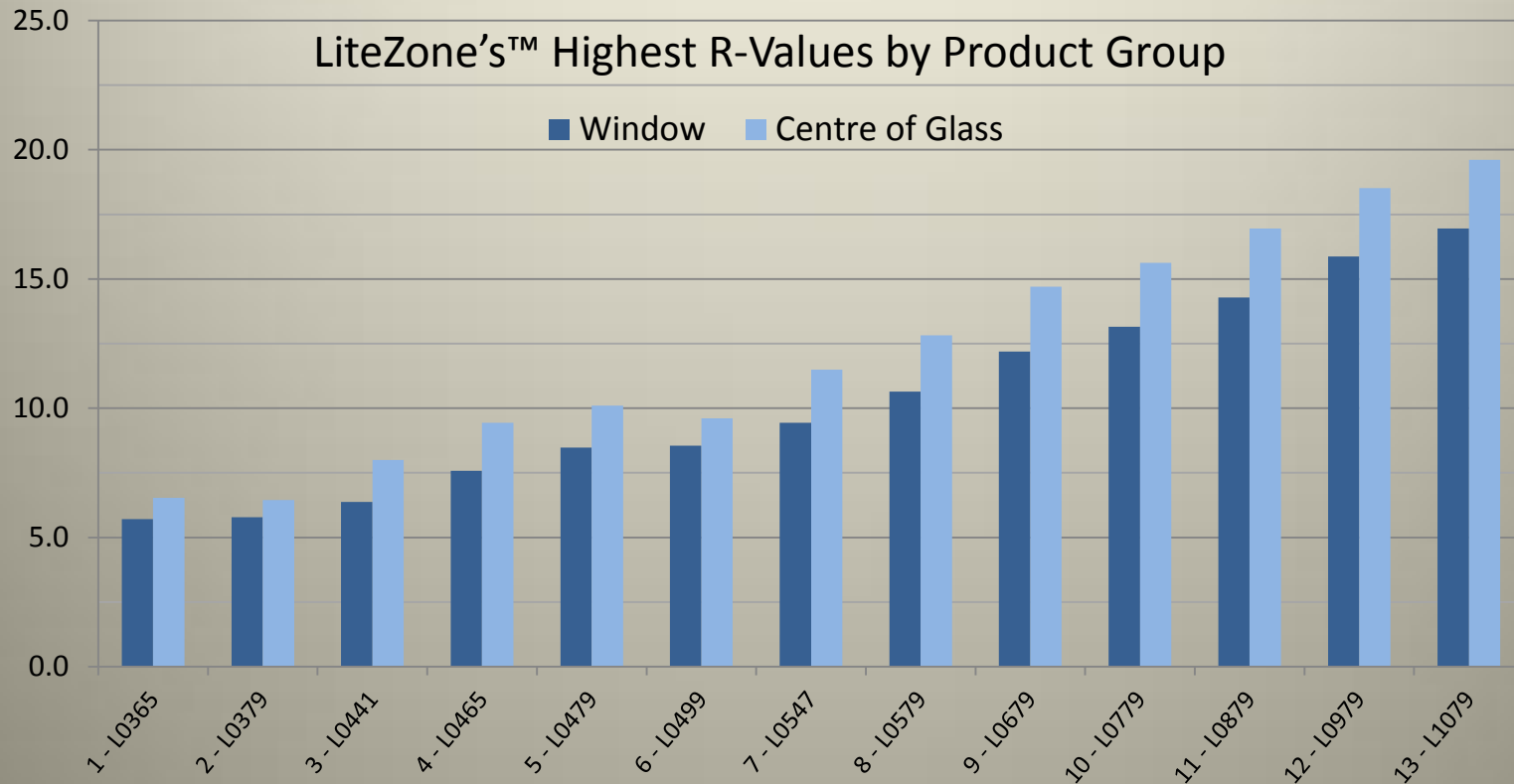


LiteZone™ insulating values



Performance of LiteZone™ Insulating Glass Units

The highest insulating values available by each product group from Table 1.

Data derived using Window 6.3 and Therm 6.3 software from Lawrence Berkeley National Laboratory, Berkeley, CA, and is based on NFRC 100-2010 weather conditions for a 1.2 m x 1.5 m (~4 ft. x ~5 ft.) window.

LiteZone™ performance ranges



		LiteZone™ Insulating Glass Performance Ranges												Window R-Value Range		
Product Group	No. of Layers		Gap Size		Unit Thickness inches	Centre of Glass R-Value 1/(Btu/hr*ft ² *°F)		Shading Coefficient		Solar Heat Gain Coefficient		Visible Light Transmission		Min	Max	
	Group	Glass	Film	A inches		B inches	Min	Max	Min	Max	Min	Max	Min			Max
1	L0365	2	1	0.65	n/a	1.75	3.2	6.5	0.36	0.73	0.31	0.63	0.56	0.70	3.3	5.7
2	L0379	2	1	0.79	n/a	2.02	3.1	6.5	0.34	0.73	0.29	0.63	0.47	0.70	3.3	5.8
3	L0441	2	2	0.41	0.47	1.75	3.9	8.0	0.27	0.66	0.24	0.57	0.41	0.63	3.8	6.4
4	L0465	2	2	0.65	0.47	2.22	4.1	9.4	0.31	0.66	0.27	0.57	0.42	0.63	4.1	7.6
5	L0479	2	2	0.79	0.79	2.81	4.2	10.1	0.25	0.66	0.22	0.57	0.37	0.63	4.3	8.5
6	L0499	2	2	1.04	0.79	3.32	4.2	9.6	0.33	0.66	0.28	0.57	0.49	0.63	4.3	8.5
7	L0547	2	3	0.79	0.47	2.97	5.1	11.5	0.31	0.60	0.27	0.52	0.44	0.58	5.1	9.4
8	L0579	2	3	0.79	0.79	3.61	5.3	12.8	0.30	0.60	0.26	0.52	0.45	0.58	5.4	10.6
9	L0679	2	4	0.79	0.79	4.38	6.4	14.7	0.27	0.55	0.24	0.48	0.39	0.53	6.4	12.2
10	L0779	2	5	0.79	0.79	5.19	7.5	15.6	0.26	0.51	0.23	0.44	0.39	0.49	7.5	13.2
11	L0879	2	6	0.79	0.79	5.98	8.5	16.9	0.24	0.47	0.21	0.41	0.34	0.45	8.5	14.3
12	L0979	2	7	0.79	0.79	6.77	9.6	18.5	0.22	0.44	0.19	0.38	0.31	0.42	9.5	15.9
13	L1079	2	8	0.79	0.79	7.56	10.6	19.6	0.21	0.41	0.19	0.36	0.28	0.40	10.6	17.0

Performance ranges of LiteZone™ product groups

Data derived using Window 6.3 and Therm 6.3 software from Lawrence Berkeley National Laboratory, Berkeley, CA, and is based on NFRC 100-2010 weather conditions for a 1.2 m x 1.5 m (~4 ft. x ~5 ft.) window.

LiteZone™ performance



LiteZone™ Insulating Glass Units															
		Construction							Performance at Centre of Glass				Window R-Value		Glass Unit Cost Index
LZ ID	LiteZone Product No.	No. of Layers		No. of Low-E Coats	Gap Sizes		Unit Thick. inches	R-Value 1/(Btu/h *ft²*F)	Shading Coef.	Sol. Ht. Gain Coef.	Visible Light Transmis.	1/(Btu/h *ft²*F)	Index		
		Glass	Film		A inches	B inches									
1	119	L0365E-00E01	2	1	0	0.65	na	1.75	3.2	0.73	0.63	0.70	3.3	48	67
2	414	L0365E-01E03	2	1	1	0.65	na	1.75	4.6	0.58	0.50	0.69	4.4	66	75
3	345	L0365E-02E01	2	1	2	0.65	na	1.75	6.1	0.38	0.33	0.62	5.5	82	91
4	343	L0379E-02E03	2	1	2	0.79	na	2.02	6.0	0.38	0.33	0.62	5.5	82	91
5	113	L0379E-04E01	2	1	4	0.79	na	2.02	6.5	0.34	0.29	0.47	5.8	86	111
6	79	L0441E-02E01	2	2	2	0.41	0.47	1.75	6.3	0.50	0.44	0.56	5.5	82	86
7	78	L0441E-03E01	2	2	3	0.41	0.47	1.75	7.6	0.34	0.30	0.50	6.3	93	102
8	319	L0465E-03E01	2	2	3	0.65	0.47	2.22	8.8	0.34	0.29	0.50	7.4	109	104
9	70	L0465E-04E01	2	2	4	0.65	0.47	2.22	9.2	0.33	0.29	0.48	7.6	113	120
10	344	L0479E-02E02	2	2	2	0.79	0.79	2.81	7.4	0.48	0.42	0.61	6.8	101	95
11	69	L0479E-03E01	2	2	3	0.79	0.79	2.81	9.2	0.34	0.30	0.50	8.0	119	106
12	395	L0499E-01E01	2	2	1	0.79	1.04	3.32	5.7	0.52	0.46	0.62	5.6	84	87
13	394	L0499E-02E01	2	2	2	0.79	1.04	3.32	7.2	0.49	0.42	0.61	6.8	102	95
14	390	L0499E-03E01	2	2	3	0.79	1.04	3.32	8.8	0.35	0.31	0.55	8.1	120	111
15	397	L0499E-04E03	2	2	4	0.79	1.04	3.32	9.6	0.34	0.30	0.49	8.5	127	127
16	101	L0547E-04E01	2	3	4	0.79	0.47	2.97	11.5	0.32	0.27	0.47	9.4	140	136

Performance of selected LiteZone™ insulating glass units

Data derived using Window 6.3 and Therm 6.3 software from Lawrence Berkeley National Laboratory, Berkeley, CA, and is based on NFRC 100-2010 weather conditions for a 1.2 m x 1.5 m (~4 ft. x ~5 ft.) window.

LiteZone™ performance



LiteZone™ Insulating Glass Units															
LZ ID	LiteZone Product No.	Construction				Performance at Centre of Glass							Window R-Value		Glass Unit Cost Index
		No. of Layers		No. of Low-E Coats	Gap Sizes		Unit Thick. inches	R-Value 1/(Btu/h *ft2°F)	Shading Coef.	Sol. Ht. Gain Coef.	Visible Light Transmis.	1/(Btu/h *ft2°F)	Index		
		Glass	Film		A inches	B inches									
17	322	L0547E-04E03	2	3	4	0.79	0.47	2.97	11.4	0.31	0.27	0.44	9.3	139	123
18	91	L0579E-00E01	2	3	0	0.79	0.79	3.61	5.3	0.60	0.52	0.58	5.4	80	90
19	410	L0579E-02E02	2	3	2	0.79	0.79	3.61	8.8	0.45	0.39	0.55	8.1	120	106
20	411	L0579E-03E01	2	3	3	0.79	0.79	3.61	10.5	0.31	0.27	0.49	9.3	138	122
21	52	L0579E-04E01	2	3	4	0.79	0.79	3.61	12.8	0.32	0.27	0.47	10.6	158	139
22	90	L0679E-00E01	2	4	0	0.79	0.79	4.38	6.4	0.55	0.48	0.53	6.4	95	101
23	408	L0679E-02E02	2	4	2	0.79	0.79	4.38	10.0	0.42	0.36	0.50	9.3	138	118
24	406	L0679E-03E01	2	4	3	0.79	0.79	4.38	12.2	0.29	0.25	0.44	10.6	158	134
25	399	L0679E-04E01	2	4	4	0.79	0.79	4.38	14.1	0.28	0.25	0.43	11.9	177	150
26	405	L0679E-04E02	2	4	4	0.79	0.79	4.38	14.7	0.28	0.24	0.39	12.2	181	150
27	400	L0779E-04E01	2	5	4	0.79	0.79	5.19	15.6	0.27	0.23	0.39	13.2	196	161
28	401	L0879E-04E01	2	6	4	0.79	0.79	5.98	16.9	0.25	0.22	0.36	14.3	212	173
29	334	L0979E-04E02	2	7	4	0.79	0.79	6.77	18.2	0.23	0.20	0.33	15.6	232	184
30	331	L1079E-04E01	2	8	4	0.79	0.79	7.56	19.2	0.22	0.19	0.29	16.7	248	169
31	402	L1079E-04E02	2	8	4	0.79	0.79	7.56	19.2	0.22	0.19	0.31	16.7	248	188
32	423	L1079E-04E03	2	8	4	0.79	0.79	7.56	19.6	0.21	0.19	0.28	17.0	252	196

Performance of selected LiteZone™ insulating glass units

Data derived using Window 6.3 and Therm 6.3 software from Lawrence Berkeley National Laboratory, Berkeley, CA, and is based on NFRC 100-2010 weather conditions for a 1.2 m x 1.5 m (~4 ft. x ~5 ft.) window.