

Average performance values of DGU (6 | 16 | 6 mm) with coating on surface #2, according to the standard NFRC 100-2010 and with 90% argon filling



Product family	Product	Light Transmittance LT (%)	Solar Factor g-value	Shading Coefficient SC	Selectivity LT/g	External Light Reflectance LRe (%)	Internal Light Reflectance LRI (%)	U-Value W/(m2.K)		Possible use as single glazing (coating on surface #)	Maximum size (mm)
								16mm air	16mm argon		
NEUTRAL											
TRIPLE SILVER	COOL-LITE XTREME 70/33 II	70	0.30	0.34	2.33	11	13	1.3	1.0		18000x3210
	COOL-LITE XTREME 61/29 II	61	0.27	0.31	2.26	11	15	1.3	1.0		18000x3210
	COOL-LITE XTREME 50/22 II	47	0.19	0.22	2.47	16	18	1.3	1.0		18000x3210
DOUBLE SILVER	COOL-LITE SKN 183 II	73	0.37	0.42	1.97	12	13	1.3	1.0		18000x3210
	COOL-LITE SKN 176 II	70	0.33	0.38	2.12	13	15	1.3	1.0		6000x3210*
	COOL-LITE SKN 165 II	60	0.30	0.34	2.00	16	17	1.3	1.0		6000x3210*
	COOL-LITE SKN 152 II	49	0.25	0.29	1.96	18	14	1.3	1.0		6000x3210*
	COOL-LITE SKN 144 II	40	0.21	0.25	1.90	20	12	1.3	1.0		6000x3210
	COOL-LITE SKN 146II	40	0.24	0.27	1.67	12	11	1.3	1.0		6000x3210
	COOL-LITE SKN 133 II	29	0.17	0.20	1.71	13	10	1.3	1.0		6000x3210
SINGLE SILVER	COOL-LITE KN 166 II	60	0.36	0.41	1.67	22	25	1.3	1.0		6000x3210
	COOL-LITE KN 164 II	58	0.45	0.52	1.29	14	10	1.7	1.5		6000x3210
	COOL-LITE KN 155 II	47	0.36	0.41	1.31	17	10	1.6	1.4		6000x3210
	COOL-LITE KN 148 II	46	0.31	0.36	1.48	27	18	1.7	1.5		6000x3210
	COOL-LITE KN 140 II	37	0.27	0.31	1.37	23	12	1.6	1.4		6000x3210
	COOL-LITE KN 130 II	31	0.26	0.30	1.19	22	14	1.6	1.4		6000x3210
BASIC SOLAR CONTROL	COOL-LITE ET 150	45	0.42	0.49	1.07	15	17	2.4	2.3	#2	3660X2440
	COOL-LITE ET 135	31	0.28	0.32	1.11	24	14	1.9	1.7	#2	3660X2440
	COOL-LITE ET 125	25	0.24	0.27	1.04	29	15	1.8	1.6	#2	3660X2440
	COOL-LITE ST 167	60	0.59	0.68	1.02	22	23	2.7	2.5	#2	6000X3210
	COOL-LITE ST 150	46	0.46	0.53	1.00	20	22	2.7	2.6	#2	6000X3210
EXTRA CLEAR											
TRIPLE SILVER	COOL-LITE XTREME 70/33 II DIAMANT	71	0.29	0.34	2.45	11	13	1.3	1.0		18000x3210
	COOL-LITE XTREME 50/22 II DIAMANT	48	0.19	0.22	2.53	16	18	1.3	1.0		18000x3210
	COOL-LITE XTREME 61/29 II DIAMANT	50	0.23	0.26	2.17	30	18	1.3	1.0		18000x3210
SILVER											
SINGLE SILVER	COOL-LITE KS 146 II	42	0.27	0.31	1.56	33	19	1.4	1.1		6000x3210
	COOL-LITE KS 138 II	36	0.24	0.28	1.50	39	20	1.4	1.1		6000x3210
	COOL-LITE KS 130 II	30	0.20	0.23	1.50	44	19	1.3	1.0		6000x3210
BASIC SOLAR CONTROL	COOL-LITE ST 120	18	0.23	0.26	0.78	32	30	2.5	2.4	#2	6000x3210
	COOL-LITE ST 108	8	0.10	0.12	0.80	43	37	1.7	1.5	#2	6000x3210
	MIRASTAR	3	0.10	0.12	0.30	55	59	1.8	1.6	#2	6000x3210
GREY											
SINGLE SILVER	COOL-LITE KN 130 II	31	0.24	0.28	1.29	21	13	1.6	1.4		6000x3210
	COOL-LITE KN 125 II	25	0.21	0.24	1.19	24	16	1.5	1.2		6000x3210
BASIC SOLAR CONTROL	COOL-LITE ST 136	34	0.35	0.41	0.97	23	23	2.6	2.5	#2	6000x3210
GREEN											
DOUBLE SILVER	COOL-LITE SKN 476 II	57	0.28	0.32	2.04	10	14	1.3	1.0		6000x3210
	COOL-LITE SKN 465 II	50	0.25	0.29	2.00	12	16	1.3	1.0		6000x3210
	COOL-LITE SKN 454 II	42	0.22	0.25	1.91	14	22	1.3	1.0		6000x3210
	COOL-LITE SKN 444 II	33	0.19	0.22	1.74	15	12	1.3	1.0		6000x3210
	COOL-LITE SKN 433 II	24	0.16	0.18	1.50	10	10	1.3	1.0		6000x3210
	COOL-LITE SKN 446 II	33	0.20	0.23	1.65	9	11	1.3	1.0		6000x3210
SINGLE SILVER	COOL-LITE KNT 464	47	0.31	0.36	1.52	11	10	1.7	1.5		6000x3210
	COOL-LITE KNT 455	39	0.27	0.31	1.44	13	10	1.6	1.4		6000x3210
	COOL-LITE KN 440 II	31	0.22	0.25	1.41	17	12	1.6	1.4		6000x3210
	COOL-LITE KN 425 II	20	0.17	0.19	1.18	18	16	1.5	1.2		6000x3210
	COOL-LITE KN 430 II	26	0.19	0.22	1.37	16	13	1.6	1.4		6000x3210
	COOL-LITE KS 446 II	35	0.22	0.25	1.59	24	19	1.4	1.1		6000x3210
	COOL-LITE KS 438 II	30	0.20	0.23	1.50	28	20	1.4	1.1		6000x3210
	COOL-LITE KS 430 II	25	0.17	0.20	1.47	32	19	1.3	1.0		6000x3210
BASIC SOLAR CONTROL	COOL-LITE ET 450	37	0.31	0.36	1.19	12	17	2.4	2.3	#2	3660x2440
	COOL-LITE ET 435	25	0.22	0.25	1.14	18	14	1.9	1.7	#2	3660x2440
	COOL-LITE ET 425	21	0.19	0.22	1.11	21	15	1.8	1.6	#2	3660x2440
	COOL-LITE ST 467	50	0.41	0.47	1.22	17	23	2.7	2.6	#2	6000x3210

DGU values calculated with PLANILUX as inner pane, except for extra clear appearance for which DIAMANT is used, and coatings produced only in Europe for which PLANICLEAR is used. 2) Solar control coating in contact with PVB modifies performances and aesthetics. Please contact us to get the approved PVB list.3)Bending results depend on the process; trials should be done for validationCOOL-LITE SKN 154: LRI=22%. 5) Overlength until 850 cm is possible on request for XTREME II / SKN 176 II / SKN 165 II / SKN 174 II / SKN 154 II. 6)Validation should be taken with digital printing inks and enamels 7 Available mid 2015 8 COOL-LITE KG 137 annealed: LRe=30%, LRI=29%

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								16mm air	16mm argon		
GREEN											
BASIC SOLAR CONTROL	COOL-LITE ST 450	38	0.34	0.39	1.12	15	21	2.7	2.6	#2	6000x3210
	COOL-LITE ST 436	28	0.27	0.32	1.04	17	22	2.6	2.5	#2	6000x3210
	COOL-LITE ST 420	15	0.20	0.23	0.75	24	30	2.5	2.4	#2	6000x3210
	COOL-LITE ST 408	7	0.11	0.12	0.64	31	36	1.7	1.5	#2	6000x3210
	REFLECTASOL 'H GREEN'	24	0.32	0.37	0.75	33	52	2.7	2.6	#2	3210x2250
BLUE											
DOUBLE SILVER	COOL-LITE SKN 776 II	44	0.25	0.29	1.76	8	13	1.3	1.0		6000x3210
	COOL-LITE SKN 765 II	39	0.22	0.26	1.77	9	16	1.3	1.0		6000x3210
	COOL-LITE SKN 754 II	33	0.20	0.23	1.65	10	21	1.3	1.0		6000x3210
	COOL-LITE SKN 746 II	25	0.18	0.20	1.39	7	11	1.3	1.0		6000x3210
	COOL-LITE SKN 744 II	26	0.17	0.20	1.53	11	12	1.3	1.0		6000x3210
	COOL-LITE SKN 733 II	18	0.15	0.17	1.20	8	10	1.3	1.0		6000x3210
SINGLE SILVER	COOL-LITE KNT 764	37	0.29	0.33	1.28	9	9	1.7	1.5		6000x3210
	COOL-LITE KNT 755	30	0.25	0.28	1.20	10	10	1.6	1.4		6000x3210
	COOL-LITE KN 740 II	24	0.20	0.23	1.20	12	12	1.6	1.4		6000x3210
	COOL-LITE KN 725 II	16	0.16	0.18	1.00	12	16	1.5	1.2		6000x3210
	COOL-LITE KN 730 II	20	0.18	0.21	1.11	11	13	1.6	1.4		6000x3210
	COOL-LITE KBT 140	36	0.29	0.34	1.24	24	17	1.6	1.4		6000x3210
	COOL-LITE KB 130 II	25	0.22	0.25	1.14	21	22	1.5	1.3		6000x3210
	COOL-LITE KS 746 II	27	0.20	0.23	1.35	16	18	1.4	1.1		6000x3210
	COOL-LITE KS 738 II	23	0.18	0.21	1.28	19	20	1.4	1.1		6000x3210
		COOL-LITE KS 730 II	19	0.16	0.18	1.19	21	19	1.3	1.1	
BASIC SOLAR CONTROL	COOL-LITE ET 750	29	0.29	0.33	1.00	9	16	2.4	2.3	#2	3660x2440
	COOL-LITE ET 735	20	0.20	0.24	1.00	13	14	1.9	1.7	#2	3660x2440
	COOL-LITE ET 725	16	0.18	0.20	0.89	14	15	1.8	1.6	#2	3660x2440
	COOL-LITE ST 767	39	0.38	0.44	1.03	12	22	2.7	2.6	#2	6000x3210
	COOL-LITE ST 750	29	0.32	0.37	0.91	11	21	2.7	2.6	#2	6000x3210
	COOL-LITE ST 736	22	0.26	0.30	0.85	12	22	2.7	2.6	#2	6000x3210
	COOL-LITE STB 136	32	0.36	0.42	0.89	19	20	2.6	2.5	#2	6000x3210
	COOL-LITE ST 720	12	0.19	0.22	0.63	16	30	2.5	2.4	#2	6000x3210
	COOL-LITE STB 120	20	0.25	0.29	0.80	21	32	2.5	2.4	#2	6000x3210
		COOL-LITE ST 708	5	0.11	0.12	0.45	20	36	1.7	1.5	#2
	REFLECTASOL BLUE	19	0.31	0.35	0.61	22	52	2.7	2.6	#2	3210x2250
BLUE ON GREEN											
SINGLE SILVER	COOL-LITE KBT 440	30	0.22	0.26	1.36	18	16	1.6	1.4		6000x3210
	COOL-LITE KB 430 II	21	0.17	0.20	1.24	16	22	1.5	1.3	#2	6000x3210
BASIC SOLAR CONTROL	COOL-LITE STB 436	27	0.27	0.32	1.00	14	20	2.6	2.5	#2	6000x3210
	COOL-LITE STB 420	17	0.21	0.24	0.81	16	32	2.5	2.4	#2	6000x3210
BRONZE											
SINGLE SILVER	COOL-LITE KBRZ 127 II	27	0.22	0.25	1.23	19	17	1.3	1.1		6000x3210
BASIC SOLAR CONTROL	COOL-LITE SBRZ 130 II	26	0.29	0.33	0.90	19	13	2.5	2.4		6000x3210
GOLD											
	COOL-LITE KG 137 tempered	34	0.27	0.31	1.26	33	31	1.4	1.2		6000x3210
	COOL-LITE KG 122 tempered	22	0.22	0.26	1.00	23	34	1.7	1.5		6000x3210
	COOL-LITE ST Rose Gold with PLT1.3T	27	0.29	0.34	0.93	10	30	1.8	1.6	#2	6000x3210
	COOL-LITE STG 127 with PLT1.3T	23	0.22	0.25	1.05	27	13	1.8	1.6	#2	6000x3210
	REFLECTASOL LIGHT GOLD	30	0.48	0.55	0.63	47	53	2.8	2.7	#2	3210x2250
LOW E	Planitherm 1.3T	75	0.54	0.62	1.39	12	12	1.5	1.3		6000x3210
	Planitherm XN II	80	0.58	0.67	1.38	11	11	1.3	1.0		6000x3210
	Planitherm HN II	73	0.54	0.62	1.35	11	12	1.6	1.4		6000x3210
	Planitherm One II	70	0.46	0.53	1.52	23	22	1.3	1.0		6000x3210
	Planitherm Ultra N II	79	0.55	0.64	1.44	12	12	1.3	1.1		6000x3210
	Planitherm 1.3T on Green Substrate	62	0.38	0.43	1.63	10	11	1.5	1.3		6000x3210
	Planitherm 1.3T on Blue Substrate	48	0.34	0.39	1.41	7	10	1.5	1.3		6000x3210
ANTI-REFLECTIVE	VISION-LITE (laminated glass 44.1)	96	0.82	0.94	1.17	1	1				6000x3210
	VISION-LITE II	98	0.80	0.97	1.23	1	1				6000x3210