



PRODUCT SPECIFICATIONS

	% Solar Transmittance	% Solar Reflectance	% Solar Absorptance	% Visible Light Transmittance	% Visible Light Reflected	Winter Median "U" Value	Shading Coefficient	% Ultraviolet Reflected	Emissivity	% Total Solar Energy Reflected	Luminous Efficacy	% Solar Heat Reduction	% Glare Reduction
Reflective Series:													
R-15B (Bronze) SR CDF	9	34	57	8	18	.99	.28	99	.70	76	.29	72	91
R-15G (Gray) SR CDF	9	30	61	7	13	.99	.29	99	.70	74	.24	71	92
R-15 BL (Blue) SR CDF	18	35	47	12	18	1.00	.33	99	.70	72	.36	67	87
R-15 GO (Gold) SR PS	12	55	33	15	50	.99	.25	99	.70	79	.60	75	83
R-20 (Silver) SR CDF	12	55	33	15	60	.99	.24	99	.71	79	.63	76	83
R-30B (Bronze) SR CDF	21	22	57	19	12	1.01	.43	99	.74	63	.44	57	79
R-30G (Gray) SR CDF	23	23	54	22	13	1.01	.44	99	.75	62	.50	56	76
R-35 (Silver) SR CDF	22	43	35	28	44	.99	.36	99	.73	68	.78	64	69
R-50 (Silver) SR CDF	37	27	36	47	27	1.03	.53	99	.75	54	.89	47	48
E Series:													
E-1220 (Silver) SR CDF	14	46	40	17	59	.75	.24	99	.36	79	.71	76	81
Deluxe Series:													
DL-15B (Bronze) SR CDF	24	15	61	14	9	1.05	.45	99	.77	61	.31	55	84
DL-15G (Gray) SR CDF	26	15	59	15	9	1.03	.45	99	.78	58	.33	55	83
DL-30GN (Green) SR CDF	32	18	50	30	15	1.10	.53	99	.76	54	.57	47	67
N Series: (Llumarloy):													
N-1020 (Neutral) SR CDF	22	26	52	24	29	1.10	.43	99	.85	63	.56	57	73
N-1035 (Neutral) SR CDF	35	17	48	35	19	1.10	.55	99	.88	52	.64	45	61
N-1040 (Neutral) SR CDF	36	18	46	40	18	1.11	.56	99	.88	51	.71	40	55
N-1050 (Neutral) SR CDF	48	12	40	48	13	1.11	.64	99	.89	44	.75	36	47
N-1065 (Neutral) SR CDF	63	9	28	70	11	1.14	.82	99	.89	29	.85	18	22
N-1020B (Bronze) SR CDF	13	48	39	19	38	.98	.26	99	.69	77	.73	74	79
N-1035B (Bronze) SR CDF	28	35	37	37	25	1.02	.43	99	.71	62	.86	57	59
N-1050B (Bronze) SR CDF	41	25	34	50	17	1.05	.57	99	.73	51	.88	43	44
Safety Series:													
SCL SR-PS4 (Clear)	81	9	10	89	10	1.11	.97	95	.86	16	.90	1	1
SCL SR-PS7 (Clear)	81	9	10	88	10	1.11	.96	95	.87	16	.90	1	1
SCL SR-PS8 (Clear)	78	9	13	88	11	1.11	.94	99	.87	18	.94	1	1
SCL SR-PS11 (Clear)	78	9	13	85	11	1.11	.93	99	.87	19	.88	1	3
SCL SR-PS15 (Clear)	76	10	14	83	11	1.11	.92	99	.84	20	.92	5	3
R-30B (Bronze) SR PS4	21	22	57	19	12	1.01	.43	99	.74	63	.44	56	76
R-20 (Silver) SR PS4 and PS8	12	55	33	15	60	.99	.24	99	.71	79	.63	57	79
N-1020 (Neutral) SR PS4 and PS8	22	26	52	24	29	1.10	.43	99	.85	63	.56	57	73
N-1035 (Neutral) SR PS4 and PS8	35	17	48	35	19	1.10	.55	99	.88	52	.64	45	61
N-1050 (Neutral) SR PS4 and PS8	48	12	40	48	13	1.11	.64	99	.89	44	.75	36	47
NUV65 SR PS4	63	9	28	63	11	1.14	.79	99.9	.88	29	.80	18	22
Nonreflective Series:													
NRM-PS2 (Frosted)	67	18	15	69	20	1.09	.82	98	.89	28	.84	18	23
NRMB-PS2 (Bronze)	50	13	37	36	11	1.09	.69	98	.89	39	.52	31	60
NRMM-PS3	0	11	89	0	13	1.09	.32	100	.89	72	0	68	100
NRMW-PS3 (White)	10	49	41	7	58	1.09	.25	99	.86	78	.28	75	92
RMS-PS2 (Silver)	13	57	30	16	60	1.05	.24	99	.72	79	.67	76	82
UV CL-SR PS (Clear)	84	9	7	84	9	.99	.99	99.9	.83	14	.85	1	7
Patterned Series:													
NRM-FS SR HPR	72	17	11	73	20	1.14	.90	99	.84	21	.81	10	17
NRM-FB SR HPR	63	19	18	63	23	1.14	.80	99	.84	30	.79	20	28
NRM-SD SR HPR	78	12	10	82	13	1.14	.94	99	.84	19	.87	6	9
NRM-FSQ SR HPR	68	16	16	69	20	1.14	.87	99	.84	23	.79	13	22
FROSTED SPARKLE	70	16	14	73	19	1.10	.85	83	.84	26	.86	15	17
Graphic Arts Series:													
Blue	61	8	31	28	8	1.11	.80	98	n/a	30	.35	15	68
Green	46	7	47	32	8	1.11	.68	98	n/a	41	.47	28	64
Red	59	8	33	26	8	1.11	.79	98	n/a	31	.33	16	70
Yellow	73	9	18	85	9	1.11	.90	98	n/a	22	.94	4	3
Exterior Series:													
RK-20 PS	13	65	22	18	63	.99	.22	99	.71	81	.82	78	80

Typical solar properties with films mounted to 1/8 inch clear glass.

Solar properties of each film on other typical window systems and definitive film-to-glass recommendations are available from your authorized Llumar dealer or regional distribution center.

CDF Adhesive System, Water Activated (Non-Water Reactivable) Adhesive - Clear Distortion Free.

CPFilms Inc. is a member of the Association of Industrial Metallizers, Coaters, and Laminators. All data has been measured in accordance with AIMCAL standards.

All values averaged from routinely accumulated quality control data.