

Decorative Film



**THE RETROFIT SOLUTION TO
HIGH PERFORMANCE GLAZING**

Decorative Films

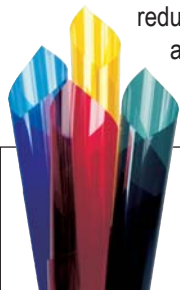
Typical solar properties with film mounted to 3mm clear glass.

	% Solar Transmittance	% Solar Reflectance	% Solar Absorptance	% Visible Light Transmittance	% Visible Light Reflected	Winter Median "U" Value	Shading Coefficient	% Ultraviolet Rejected	Emissivity	% Total Solar Energy Rejected	Luminous Efficacy	% Solar Heat Reduction	% Glare Reduction
Privacy Matte Films													
NRMP2 (frosted)	67	18	15	69	20	1.03	.82	98	.84	28	.84	18	23
NRMB2 (bronze)	50	13	37	36	11	1.03	.69	98	.84	39	.52	31	60
RMPS2 (silver)	13	57	30	16	60	1.03	.24	99	.72	79	.67	76	82
NRMM3 (black)	0	11	89	0	13	1.03	.32	100	.84	72	0	68	100
NRMW3 (white)	10	49	41	7	58	1.03	.25	99	.84	78	.28	75	92
Decorative Frosted Films													
NRMFSSR (stripes)	72	17	11	73	20	1.03	.90	99	.84	21	.81	10	17
NRMFTLSR (thin lines)	70	19	11	73	20	1.03	.84	99	.84	27	.86	16	20
NRMFBSR (bands)	63	19	18	63	23	1.03	.80	99	.84	30	.79	20	28
NRMFSQSR (squares)	68	16	16	69	20	1.03	.87	99	.84	23	.79	13	22
NRMMSQPS (matte squares)	61	20	19	61	25	1.03	.75	99	.84	34	.80	25	33
NRMFSDSR (small dots)	78	12	10	82	13	1.03	.94	99	.84	19	.87	6	9
NRMFMDSR (mini-dots)	76	12	11	81	15	1.03	.91	99	.84	21	.88	9	10
FROSTED SPARKLE	70	16	14	73	19	1.03	.85	83	.84	26	.86	15	17
Graphic Arts Films (interior application recommended)													
DECOREDSR	59	8	33	26	8	1.03	.79	98	.84	31	.33	16	70
DECOYELLSR	73	9	18	85	9	1.03	.90	98	.84	22	.94	4	3
DECOBLUESR	61	8	31	28	8	1.03	.80	98	.84	30	.35	15	68
DECOGREENSR	46	7	47	32	8	1.03	.68	98	.84	41	.47	28	64

LLumar glass treatment films are manufactured exclusively by **CPFilms Inc., a Unit of Solutia**. All data has been measured in accordance with ASTM, ASHRAE, and AIMCAL standards using NFRC methodology with LBNL's Window 5.0 software. All values averaged from routinely accumulated quality control data.

Endless Design Possibilities

LLumar decorative films offer endless design possibilities from a basic palette of colored, translucent, opaque, and geometric patterned films. Decorative films add a subtle, stylish and effective level of privacy and glare reduction to any flat glass application.



**Introducing
Graphic Arts
Film by LLumar!**

Decorative films are a **cost effective**, versatile alternative to the traditional method of acid etched patterned glass. Custom effects are limited only by your creative imagination, a willingness to experiment, and a knowledgeable installer. Frosted films allow good use of available ambient light while **enhancing privacy**, making them an excellent choice for hotels, restaurants and storefronts. Used alone or combined with patterned film, these films can **eliminate the need for blinds**, **reduce eye strain** and help improve conditions for office employees and building tenants.

Decorative films are designed for interior application and can be retrofitted on existing glass by experienced installers with minimal disruption to building tenants. **LLumar films are durable and virtually maintenance free.**

Please see our decorative sample book or visit www.llumar.com for more information.

