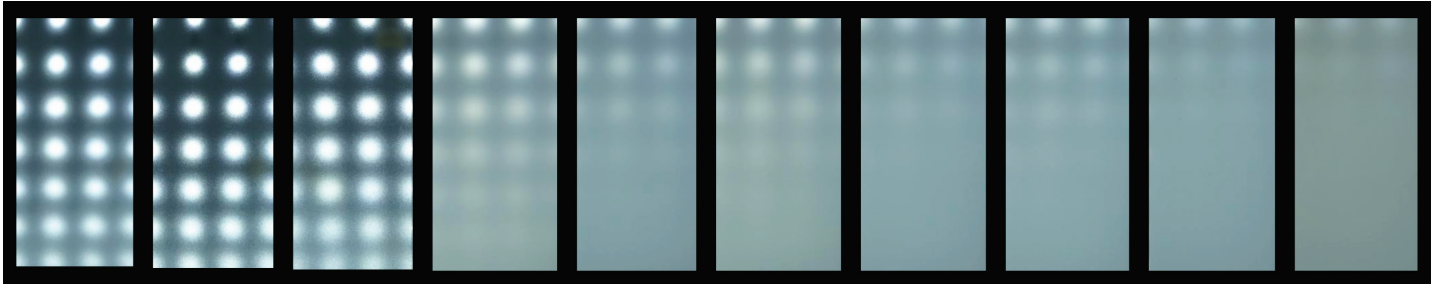


Makrofol® Light Diffusing Films

Polycarbonate light diffuser film for LED fixtures



More light diffusion options give you more design flexibility

Multiple Levels of light diffusion

- Flexible design considerations for new fixtures and for retrofit conversions to LED's
- Varying performance requirements

Creative design

- Formable and flexible for unique design challenges
- Available in both sheet and roll form

Advanced diffusion technology from Covestro

- Enhanced hiding power for LED hot spots from LM grades
- Light uniformity increased

Diffusion and Transmission

Makrofol® Grade	DIFFUSION (FWHM, degrees)			TRANSMISSION (ASTM D 1003)		
	.010" thickness	.012" thickness	.020" thickness	.010" thickness	.012" thickness	.020" thickness
DE 1-4 000000 Clear	5	—	5	90	—	88
LM 309	—	16	28	—	86	81
LM 905	—	29	41	—	81	73
LM 228	—	39	51	—	73	65
DE 1-4 020209 White Translucent	59	—	58	25	—	21