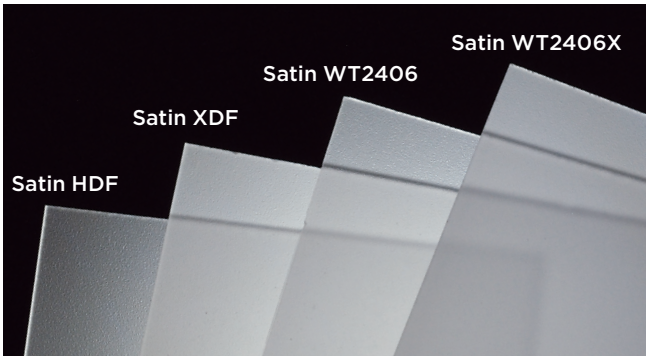
OPTIX® LED SATIN

PLASKOLITE'S LED DIFFUSION LENSES – FOR INTENSE LED LIGHTING

ELEGANT LINEAR ARCHITECTURAL LIGHTING PANELS WITH UNMATCHED TRANSMISSION AND DIFFUSION

- Enables narrower dimensions and thinner gauges while maintaining hiding power
- Matte textured surface on one side for superior reduction of gloss
- 48″ x 96″ standard dimension: impact-modified, custom dimensions and thickness also available upon request



OPTIX LED polymer equivalents available

Product	Color	Light Transmission	Half Angle	Available Thickness
OPTIX LED – Satin HDF	Colorless	92%*	20	0.040″, 0.080″, 0.118″
OPTIX LED – Satin XDF	Colorless	85%*	30	0.040″, 0.080″, 0.118″
OPTIX LED – Satin XDF-1	Colorless	78%*	40	0.040″, 0.080″, 0.118″
OPTIX LED – Satin WT2406	White	80%*	15	0.040″, 0.080″, 0.118″
OPTIX LED – Satin WT2406X	White	70%*	40	0.040″, 0.080″, 0.118″

*Test conducted on 0.080″ sample sizes
Light Transmission values conducted on Haze Gard Plus (BYK)

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Typical Properties

Property	ASTM Method	Units	Values
PHYSICAL			
Specific Gravity	D 792	–	1.19
Water Absorption	D 570	% By wt	0.4
MECHANICAL			
Tensile Strength	D 638	psi	11,030
Tensile Modulus of Elasticity	D 638	psi	490,000
Flexural Strength	D 790	psi	17,000
Flexural Modulus of Elasticity	D 790	psi	490,000
Izod Impact Strength, Molded Notch	D 256	ft-lb/in Notch	0.4
Rockwell Hardness	D 785	–	M-95
THERMAL			
Maximum Recommended Continuous Service Temperature	–	°F	170-190
Softening Temperature	–	°F	210-220
Melting Temperature	–	°F	300-315
Deflection Temperature, 264 psi	D 648	°F	203
Deflection Temperature, 66 psi	D 648	°F	207
Coefficient of Thermal Expansion	D 696	in/in/°F	3.0×10^{-5}
Flammability (Burning Rate)	D 635	in/minute	1.0
Smoke Density Rating	D 2843	%	3.4
Self-Ignition Temperature	D 1929	°F	833

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.

PLASKOLITE

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