



Monolithic Glass Light Shaping Diffusers

Luminit's Monolithic Glass Light Shaping Diffusers improve the beam quality and precisely control the beam angle of light sources in specification-grade lighting fixtures. Available in 1°, 5°, 20° and 30° angles, these glass plate diffusers are etched directly into float glass and meet 5VA flammability requirements. Ideal for wet, outdoor and high temperature environments, our monolithic glass diffusers can be mass produced at a low per piece cost.

APPLICATIONS:

- Outdoor architectural fixtures
- 5VA, low-ceiling and high-flame requirements
- Recessed lights in damp locations
- High temperature
- In-ground
- MR16 lamps

BENEFITS:

- Cost-efficient pricing for high volume applications
- Multiple diffusion beam angles
- Light transmission up to 91%
- No organic material or outgassing
- Available in various shapes
- Clean native beam

SPECIFICATIONS

Material Composition: Float glass

Maximum size: 16.5" x 23.5"

Standard Thickness: 1.9mm (custom thickness available)

Transmission Efficiency: 80-91%

Angles: 1°, 5°, 20°, 30°