

Luminit's Light Shaping Diffusers have typically used surface micro-structures to achieve high performance diffusion. Luminit's new VLSD product is based on a NEW volumetric diffusion technology.

These high quality rigid diffusers are made of .75mm and 2mm thick PMMA (Acrylic) and provide high transmission efficiencies of 85%* and excellent hiding power. The VLSD is designed for use in all types of ceiling fixture types, including recessed down lights, troffers, and hanging pendants. They are available in sizes up to 2x8 feet and are easily thermo-formed.

Benefits:

- High Transmission Efficiency
- Enhanced LED Hiding Power
- Enhanced even lighting for new or existing fluorescent and LED fixtures
- Light weight and impact resistant
- UV stable
- Easily Thermoformed

Applications:

- Luminaires
- Linear recessed fixtures up to 8' long
- LED light panels, down lights, linear fixtures, hanging pendants and backlights



Ceiling Fixtures

Specifications:

Temperature Range: -30°C to 80°C

Pencil Hardness: HB

Refractive Index: 1.49

Diffusion Angles: 64°

Transmission Efficiency: 85%*

Haze: Up to 98%

**As measured by a BYK Haze-Gard (ASTM D 1003)*

Note that the specifications contained herein are subject to change without notice.