

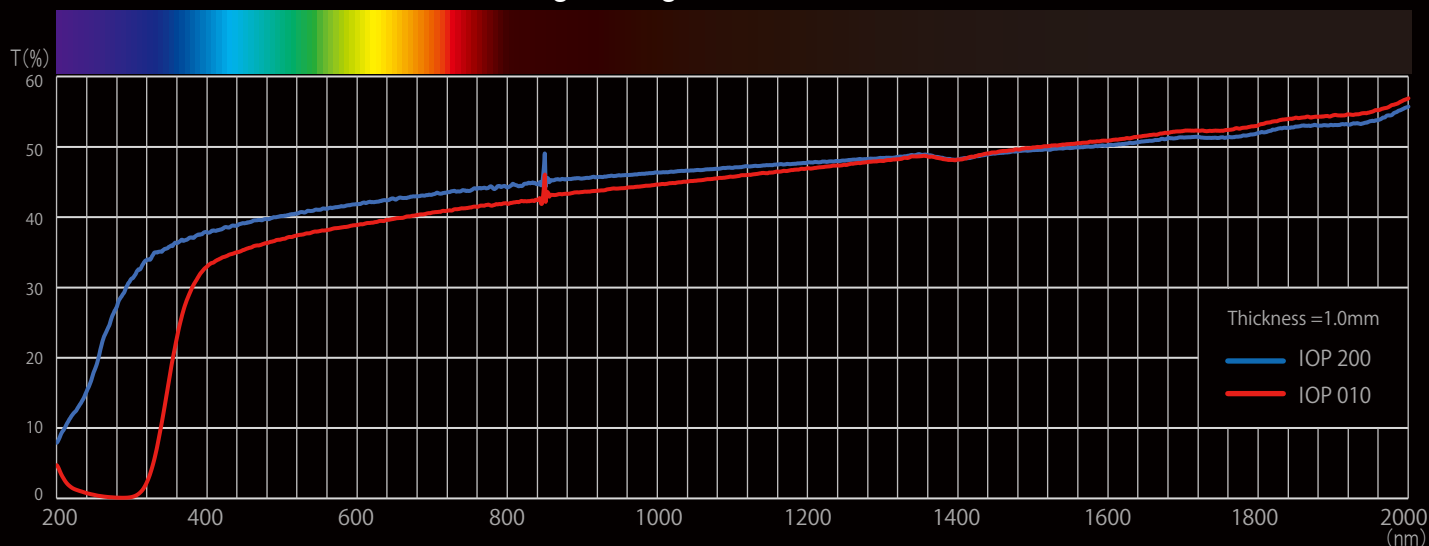
Opal Diffusing Glass

IOP 010/IOP200

~Uniform Diffusion Glass Similar to a
Lambertian Light Source~

Compared with conventional architectural opal glass and ground glass, IOP 010 is a diffuser that provides a higher diffusion effect. It offers excellent light distribution characteristics and stability, spreading light very uniformly.

Its milky white appearance is not due to coating or surface treatment, but is an inherent property of the glass itself. IOP 010 was developed specifically as a diffuser for optical applications, rather than for architectural use or as conventional ground glass.



Features

- Uniform diffusing glass similar to a Lambertian light source
- Higher diffusion than ground glass
- Usable over a wavelength range from UV to near-infrared (NIR)
- Transmittance can be controlled via glass thickness and manufacturing conditions

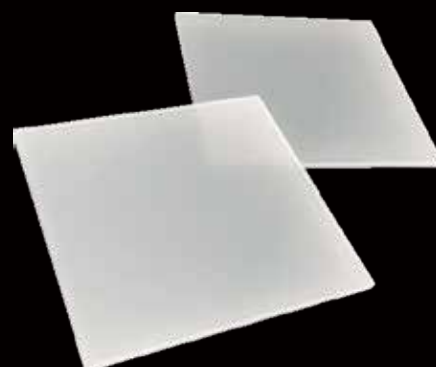
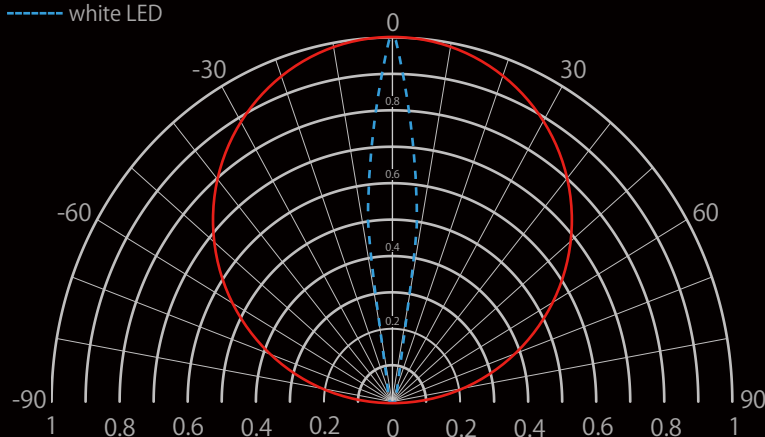
Applications

Machine vision, LED lighting, and other observation optical applications.

IOP 010 Light Distribution Characteristics (Relative Intensity)

Using a Lens-Equipped Receiver

— white LED + IOP 010 Thickness = 1.0 mm
- - - white LED



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Isuzu Glass develops lenses and filters according to customer requests.
Please contact us for your optical system needs.



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