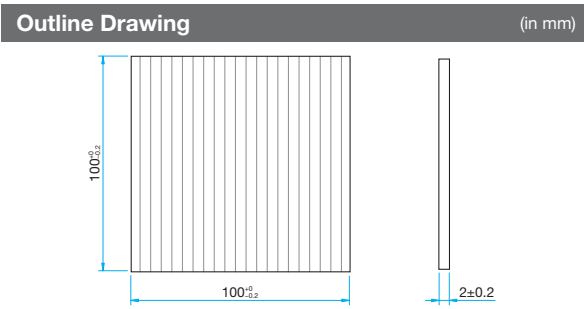
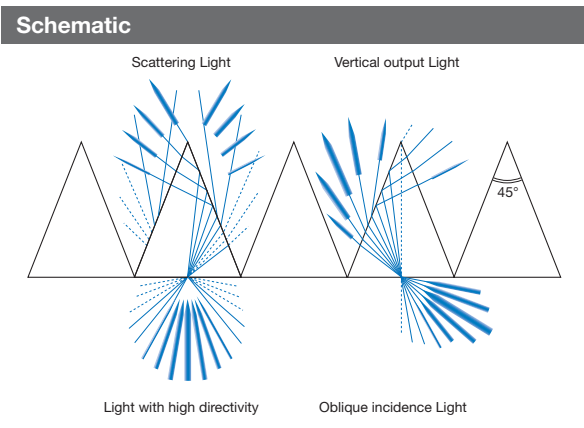
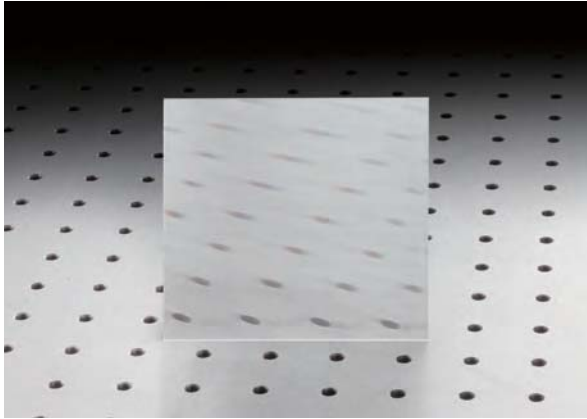


The Prism Sheet is used when changing the incident direction or diffusing a light source that is directional such as an optical device for the LCD TV or the display of the mobile terminal.

- Since the prism is processed directly to an acrylic plate of 2mm thickness, the performance is stable and not easily deformed.
- There are two types of pitch, 0.03mm and 0.05mm of the prism line.
- It can also be used as a Fresnel prism (prism plane).



Specifications	
Material	CLAREX
Refractive Index	1.49
Tip Angle	45°

* CLAREX is a registered trademark of Nitto Jushi Kogyo Co., Ltd.

- Guide**
- ▶ The prism sheet is available at angles other than 45 °.
 - ▶ We also offer the production of prism sheets for other sizes on demand.
 - ▶ The prism surface looks jagged when observing the reflected light. (Reflection that does not look jagged is a actual surface)

- Attention**
- ▶ There is a directional nature in the prism sheet. If it is desired to diffuse the light in two dimensions, please use two prism sheets crossed.
 - ▶ There is a wavelength dispersion in the prism sheet. When using a small width light source such as a fluorescent lamp a chromatic dispersion (Rainbow) occurs.
 - ▶ Strongly rubbing the processed surface of the prism may cause degradation of the performance. Please do not directly touch the processed surface.
 - ▶ It can be deformed when exposed to high temperature of 80 degrees or more and the performance can be severely affected.
 - ▶ Do not use organic solvents such as acetone and chloroform. Prism structure will be broken by dissolving.
 - ▶ Product is delivered with a protection sheet affixed to the surface, please use peel it off before use.

Specifications	
Part Number	Prism pitch [mm]
PRS-100S02-0.05	0.05
PRS-100S02-0.03	0.03

- Application Systems
- Optics & Optical Coatings
- Opto-Mechanics
- Bases
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- Actuators & Adjusters
- Motoeized Stages
- Light Sources & Laser Safety
- Index
- Guide
- Mirrors
- Beamsplitters
- Polarizers
- Lenses
- Multi-Element Optics
- Filters
- Prisms**
- Substrates/Windows
- Optical Data
- Maintenance
- Selection Guide
- 45 Degrees Angle
- Retro-reflectoes
- Equilateral Dispersing Prisms
- Others