

Inquiry and Contact...

Marketing Department

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URL: http://www.yama-ph.co.jp/index_e.html (inquiry Form)

1 Outline

YAMAMURA Photonics' glass made diffuser products are the optical components which diffuse the light from the laser, and are excellent in light and heat resistance, and in transmittance. We have developed original process technology of surface finishing and made it possible to provide high quality glass diffusers. All of our products are made in-house, and therefore we can finely adjust the diffusion angle in accordance with applications. Regarding shapes of diffusers, we can provide various type of products so please feel free to contact us.

2 Features and Applications

< Features >

- Excellent Light and Heat Resistance:

All of our diffusers are made of glass and its light resistance is extremely higher than plastic diffusers. In addition, the resistant temperature of our products reaches up to 400 deg. C. (In case of borosilicate glass).

Consequently, our products are the most suitable for the usage such as high power laser applications.

- High Transmittance: Light Transmittance 95 - 98%, Double sided AR coating available

- Diffusion Angle(FWHM):

Adjustable to meet customers' requirements in the range below:

Single sided diffusing (standard) type - from 1 to 10 deg.

Double sided diffusing type - from 10 to 17 deg.

- Shape: We can provide various shapes:

i.e. Square, Circle, Oval, and the other originals.

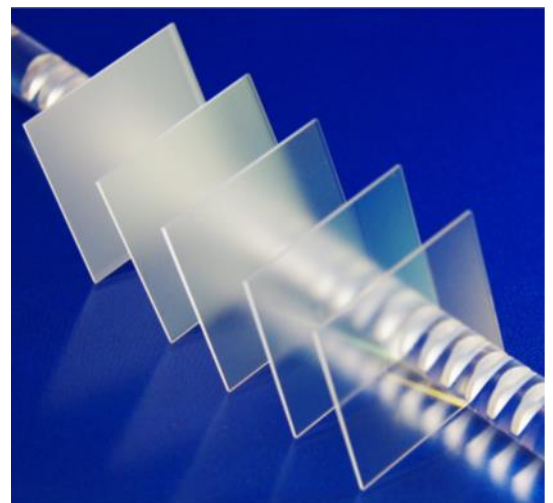
< Applications >

• Laser Displays

- Image projector
- Pocket/Handheld/Pico projector
- Head mount display
- Head up display
- Rear projection TV

• Others

- Application to high power laser



This products information is subject to changed or updated without notice.