



ドラムレンズ・フライアイレンズ

ワーキングディスタンスに合わせた設計からサポートします

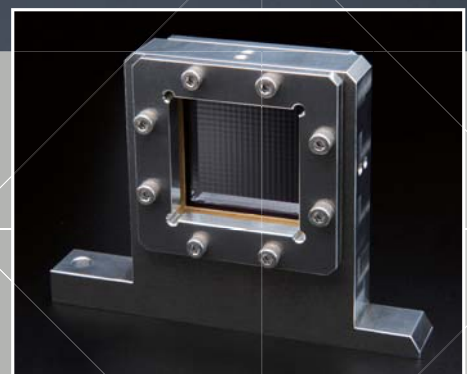
- 高精度を要求される半導体製造装置や、産業用検査装置に幅広く利用されています
- 一体型の高精度Micro Cylindrical Lens Arrayも対応可能
- レーザー用途に最適なCaF₂で製造可能

用途: ビームホモジナイザー、半導体製造装置(ステッパー)等

Support from a design consistent with the working distance.

- Drum lenses are widely used in semiconductor manufacturing and industrial inspection devices that require a high degree of accuracy.
- This type of lens can be also used for high-accuracy integrated micro cylindrical lens arrays.
- This type of lens can be manufactured by using CaF₂, which is ideally suited for application in lasers.

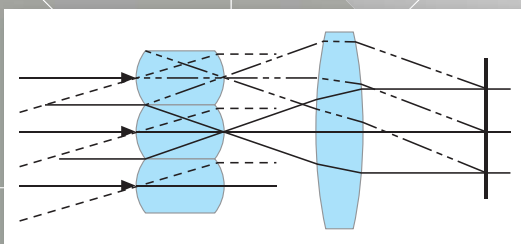
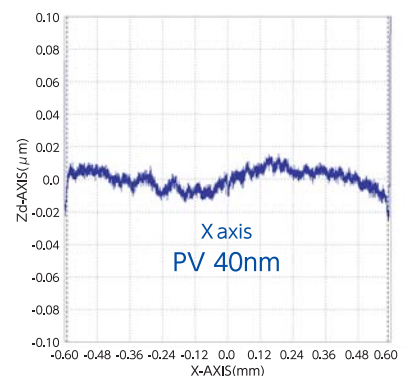
Application: Beam homogenizers and semiconductor manufacturing devices (steppers)



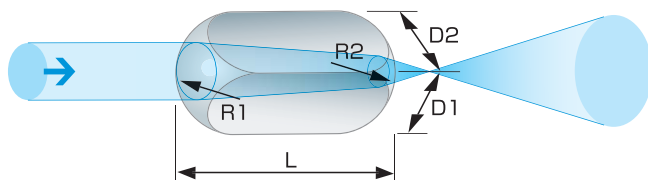
Micro Cylindrical Lens Array

One Cylindrical element Tactile measurement

Design data — X axis X有効径

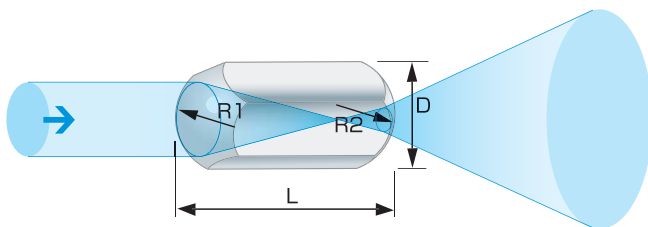


Square Drum Lens



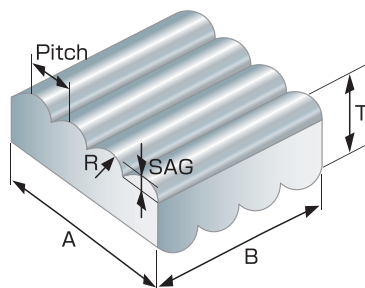
Material: Optical Glass, Fused Silica and CaF2
 R: 1.5~25mm Power ± 1 fringe \leq
 L: 5~70mm ± 0.05 mm \leq
 D: 1~20mm ± 0.01 mm \leq
 Surface Accuracy: $\lambda/15$
 Centering Error: 1 minute \leq
 Perpendicularity: 2 minutes \leq
 S/D: 10/5

Hexagonal Drum Lens



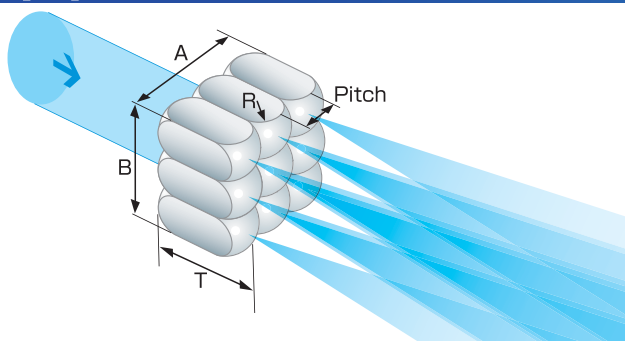
Material: Optical Glass, Fused Silica and CaF2
 R: 1.5~25mm Power ± 1 fringe \leq
 L: 5~70mm ± 0.05 mm \leq
 D: 1~20mm ± 0.01 mm \leq
 Surface Accuracy: $\lambda/15$
 Centering Error: 1 minute \leq
 Perpendicularity: 2 minutes \leq
 S/D: 10/5

Micro Cylindrical Lens Array



Material: CaF2
 A/B: 5~150mm
 Pitch Distance: 0.4~2mm
 Contact us for more details.

Flyeye Lens



Material: Optical Glass, Fused Silica and CaF2
 Contact us for more details.

※硝材、ご希望仕様により上記仕様は変わります。まずは、お問い合わせください：www.mflens.co.jp

* The specifications described above may vary, depending on the glass materials and desired specifications.
 For more details contact us at the following address: www.mflens.co.jp/en