

Fresnel lens

ISUZU GLASS started to sell Plastic-made Fresnel lens to meet the needs of a great variety of consumers. A plastic Fresnel lens can be made much thinner and lighter, thus improve the efficiency of your system. We have not only custom made lenses, but also standard lenses.

Application

- CPV (Concentrator Photovoltaic) with homogenizer such as Rod Lens
- Illumination equipment
- Rear-Projection Screen

Material

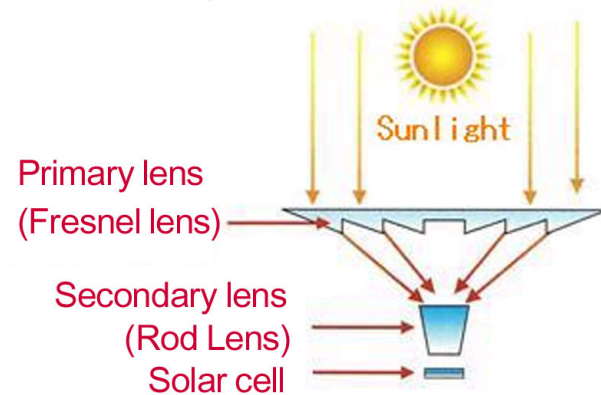
PMMA, PC, Zeronex etc.

Delivery

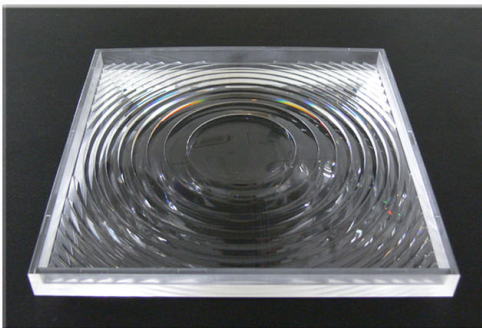
60 days after receipt of order.

Depending on the specifications delivery may take longer time.

The use example of CPV



single-cavity mold



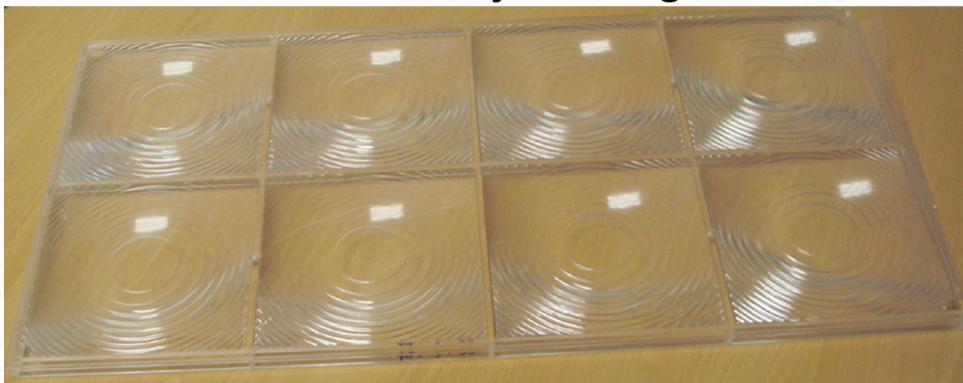
closeup picture



DATA

size 128×128×10mm
effective area 120×120mm
designed for 3W light focus

multi-cavity molding



DATA

size 270×570×15mm
effective area 8×(120×120mm)
designed for 24W light focus



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