



让技术更有价值

宇影

产品画册
PRODUCT BROCHURE

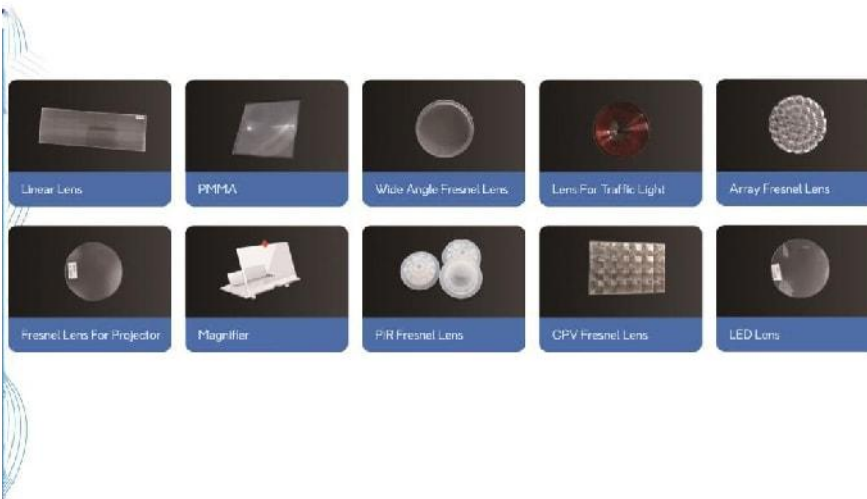
SHANDONG YUYING OPTICAL INSTRUMENT CO., LTD



Wechat



Whatsapp



Website



Sakura

Email: sakura@www.yuyingfresnel.com

Phone/Whatsapp +86 13826507576

ADD: No. 167, Huayuan Avenue, Linyi County,
Dezhou City, Shandong Province, China

企业简介 ► COMPANY PROFILE

Shandong Yuying Optical Instrument Co., Ltd. is a high-tech enterprise specializing in the R&D, design, manufacturing, and sales of Fresnel lenses.

Yuying occupies more than 200 acres, with over 70,000 square meters of built-up area. We currently employ over 600 people, including more than 80 R&D professionals. Our capabilities span the entire production process, including mold manufacturing, injection molding, compression molding, optical coating, testing, and assembly. We produce over 160 million Fresnel lenses annually.

With over 50 years of focused development, Yuying Optical has served more than 10,000 clients worldwide, and hold certifications including ISO9001, ISO14001, IATF16949, and SA8000.

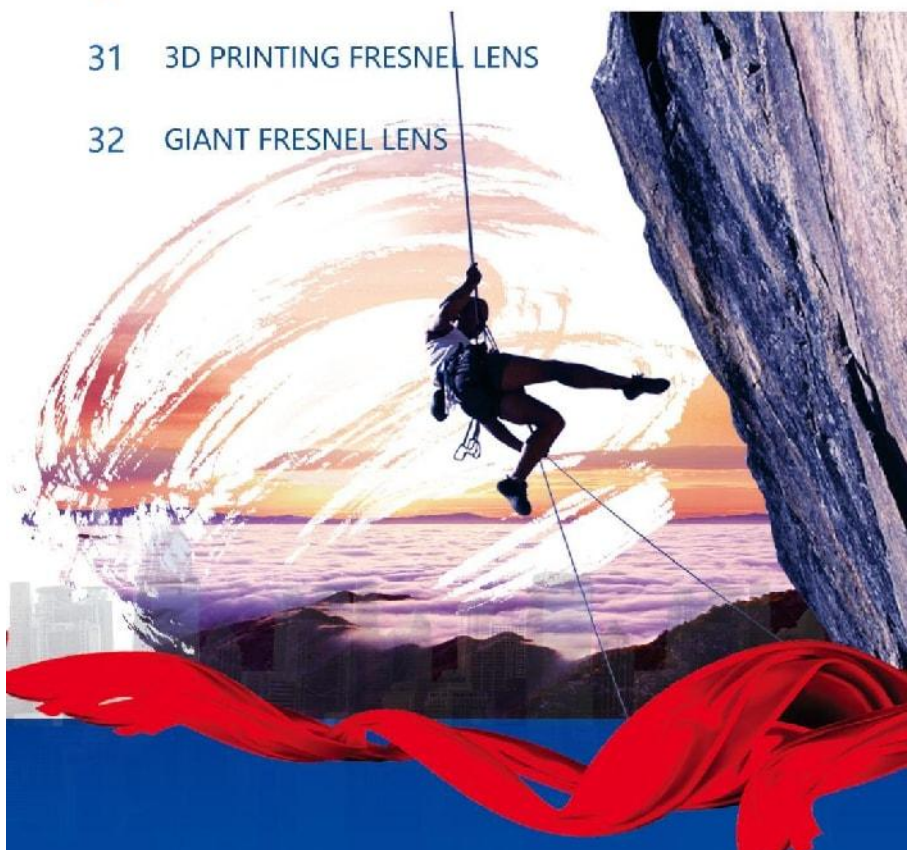


科技精品/追求卓越/致力完美/信誉为尊.....
Technology Gifts / excellence / committed perfection / reputation for respect

产品目录▶

PRODUCT CATALOG

- 06 LED FRESNEL LENS
- 22 WIDE ANGLE FRESNEL LENS
- 23 LINEAR FRESNEL LENS
- 26 POLARIZED FRESNEL LENS
- 27 CYLINDRICAL FRESNEL LENS
- 28 FRESNEL LENS-FLY'S EYE LENS
- 29 FRESNEL LENS-TEXTURED SURFACE LENS
- 30 HUD FRESNEL LENS
- 31 3D PRINTING FRESNEL LENS
- 32 GIANT FRESNEL LENS



菲涅尔透镜 ➤

FRESNEL LENS

The Fresnel lens is used with LED light sources to enhance light efficiency and increase brightness. Compared to traditional lenses, the Fresnel lens offers adjustable focal lengths and light distribution angles, making it suitable for both single and arrayed LED configurations. The lens size and light angle can be customized according to client specifications, helping to reduce mold development costs.

定制服务 ➤

CUSTOMIZATION SERVICES

- ▲ Tailored solutions include:
- ▲ Non-standard dimensions
(round/rectangular/custom shapes)
- ▲ Special optical treatments
(sandblasting/MLA/diffuser coating)
- ▲ Optical simulation and testing support

Fresnel Lens



Focal Length: 6
Groove pitch: 0.4
Size: within $\Phi 12$ can
be made



Focal Length: 8
Groove pitch: 0.3
Size: within $\Phi 22$
can be made



Focal Length: 8.8
Groove pitch: 0.3mm
Size: within $\Phi 18$ can
be made



Focal Length: 10
Groove pitch: 0.5
Size: within $\Phi 25$
can be made



Focal Length: 10.5
Groove pitch: 0.5
Size: within $\Phi 22$ can
be made



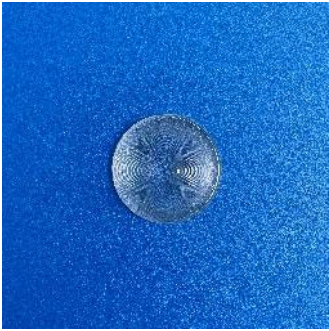






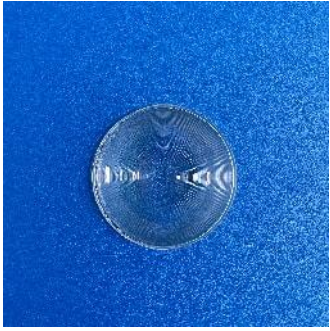
Focal Length:
11.5
Groove pitch: 0.3
Size: within $\Phi 22$
can be made

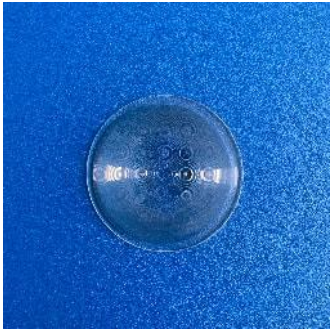

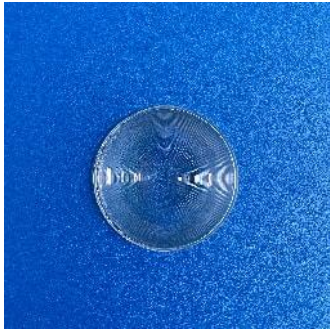

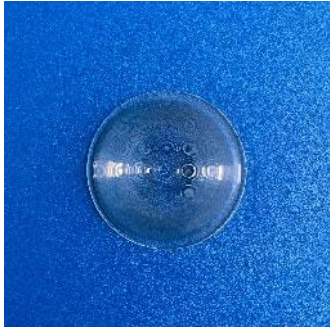
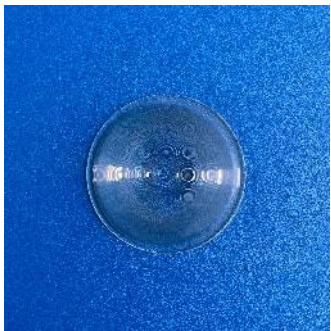
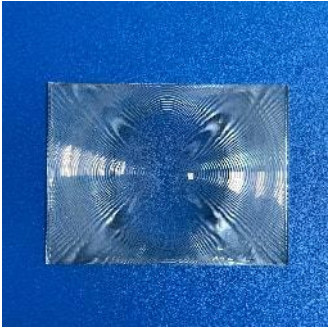
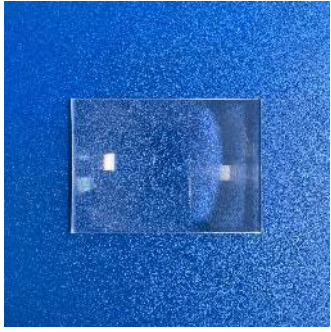



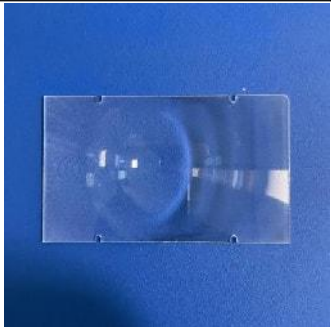




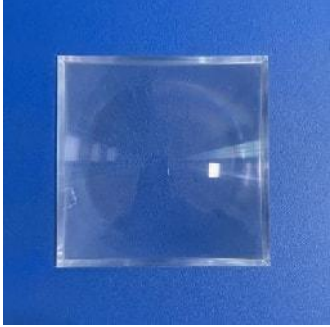
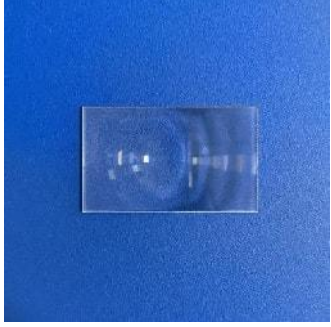
Focal Length: 12
Groove pitch: 0.3
Size: within $\Phi 45$ can
be made

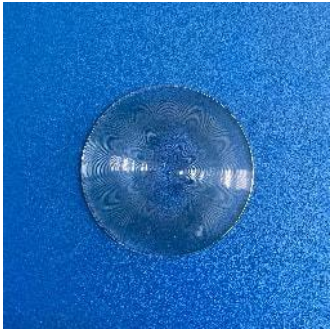
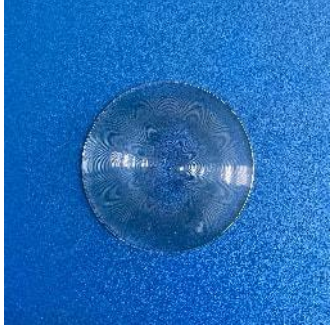

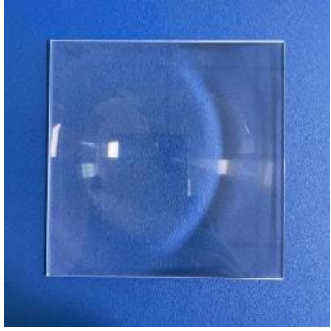
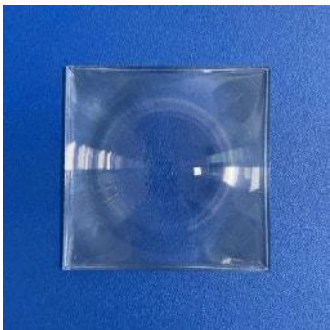


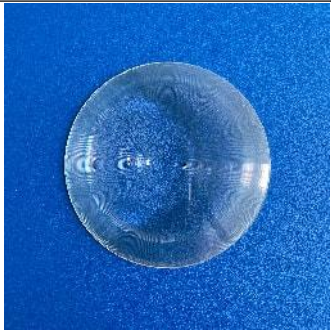


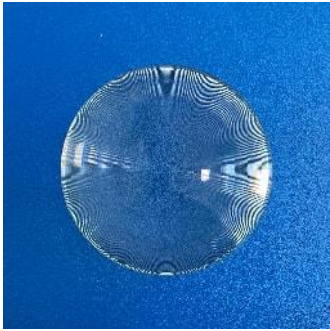


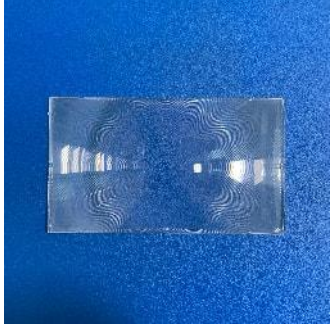

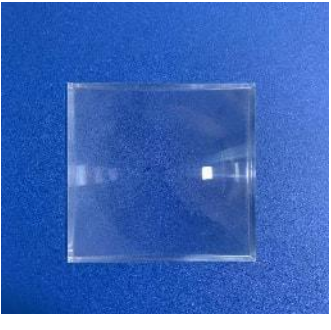
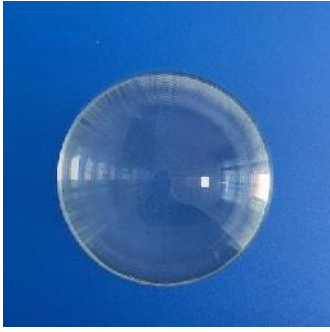
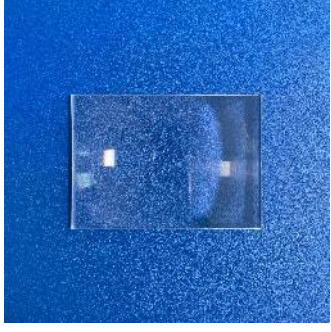
Focal Length: 13
Groove pitch: 0.3
Size: within $\Phi 30$
can be made

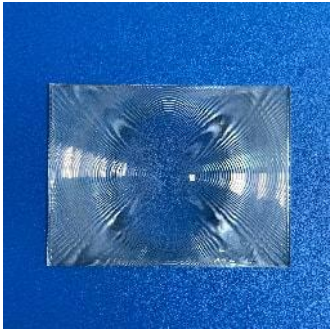
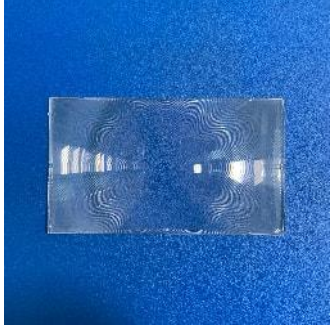
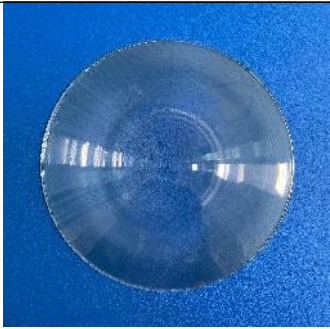
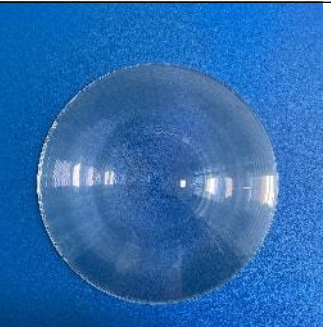

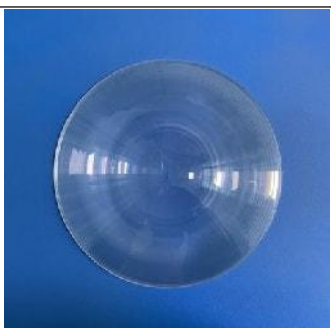
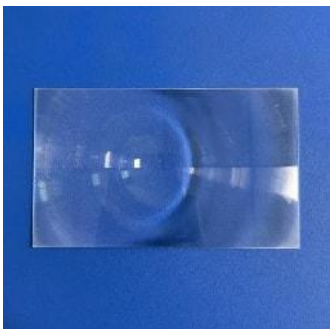
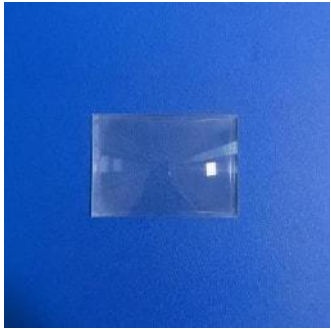
	<p>Focal Length: 15 Groove pitch: 0.3 Size:within $\Phi 30$ can be made</p>		<p>Focal Length: 20 Groove pitch: 0.3 Size:within $\Phi 20$ can be made</p>
	<p>Focal Length: 21 Groove pitch: 0.3 Size:within $\Phi 20$ can be made</p>		<p>Focal Length: 22 Groove pitch: Size:within $\Phi 60$ can be made</p>
	<p>Focal Length: 25 Groove pitch: 0.3 Size:within $\Phi 60$ can be made</p>		<p>Focal Length: 26 Groove pitch: 0.5 Size:within $\Phi 50$ can be made</p>
	<p>Focal Length: 27 Groove pitch: 0.3 Size:within $\Phi 60$ can be made</p>		<p>Focal Length: 27.5 Groove pitch: 0.5 Size:within $\Phi 50$ can be made</p>

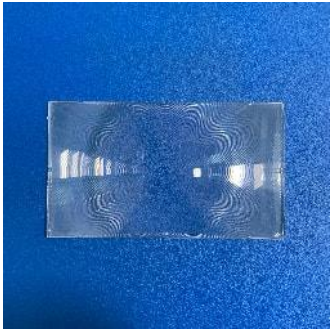
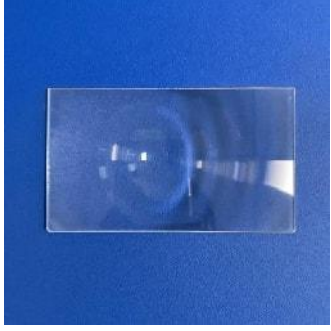
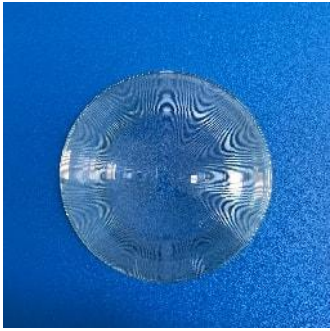
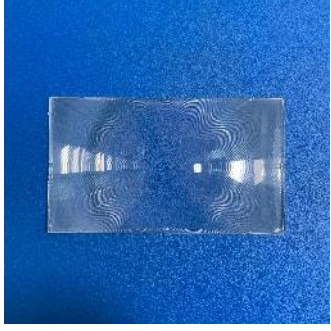



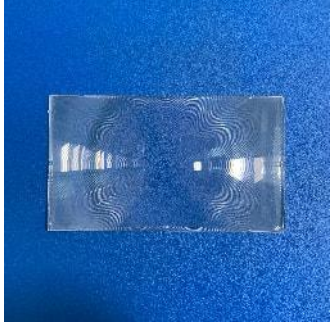
	<p>Focal Length: 28</p> <p>Groove pitch: 0.3</p> <p>Size: within $\Phi 60$ can be made</p>		<p>Focal Length: 29</p> <p>Groove pitch: 0.3</p> <p>Size: within $\Phi 60$ can be made</p>
	<p>Focal Length: 30</p> <p>Groove pitch: 0.3</p> <p>Size: within $\Phi 51$ can be made</p>		<p>Focal Length: 32</p> <p>Groove pitch: 0.3</p> <p>Size: within $\Phi 70$ can be made</p>
	<p>Focal Length: 35</p> <p>Groove pitch: 0.3</p> <p>Size: within $\Phi 60$ can be made</p>		<p>Focal Length: 35</p> <p>Groove pitch: 0.3</p> <p>Size: within $\Phi 60$ can be made</p>
	<p>Focal Length: 35</p> <p>Groove pitch: 0.3</p> <p>Size: within 140×115 can be made</p>		<p>Focal Length: 36</p> <p>Groove pitch: 0.3</p> <p>Size: within 80×60 can be made</p>

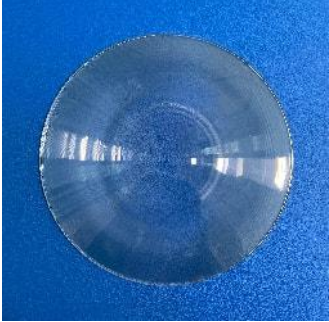

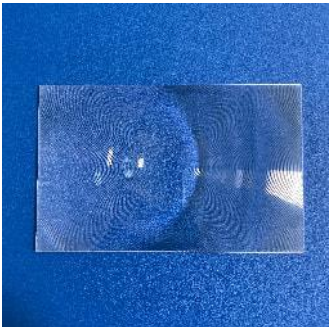

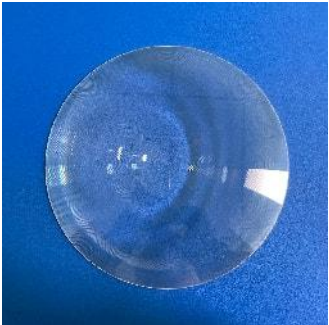

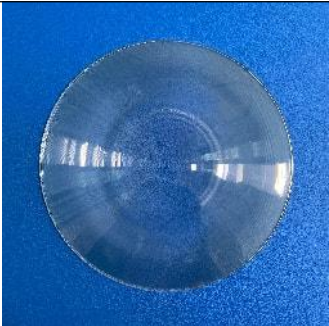

	<p>Focal Length: 36 Groove pitch: 0.3 Size:within $\Phi 100$ can be made</p>		<p>Focal Length:38 Groove pitch: 0.3 Size:within 115×80 can be made</p>
	<p>Focal Length: 38 Groove pitch: 0.2 Size:within $\Phi 60$ can be made</p>		<p>Focal Length: 39 Groove pitch: 0.2 Size:within $\Phi 60$ can be made</p>
	<p>Focal Length: 39 Groove pitch: 0.3 Size:within 75×51 can be made</p>		<p>Focal Length: 40 Groove pitch: 0.3 Size:within $\Phi 130$ can be made</p>
	<p>Focal Length: 40 Groove pitch: 0.3 Size:within 110×110 can be made</p>		<p>Focal Length: 43 Groove pitch: 0.3 Size:within 65×37 can be made</p>

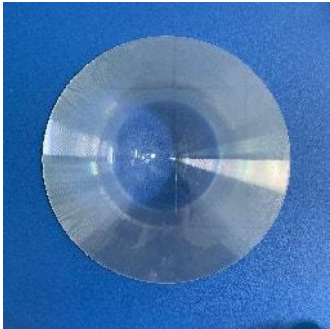
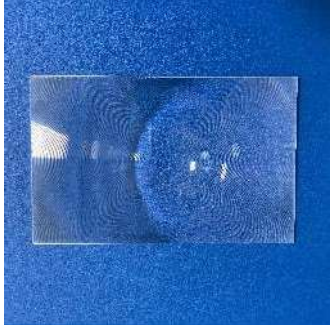

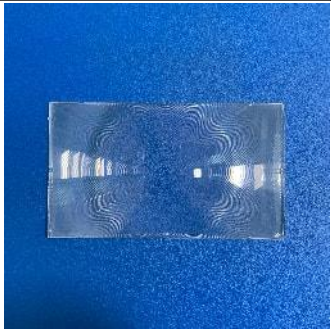
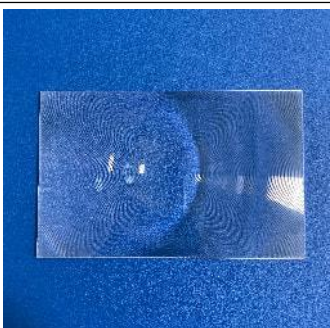
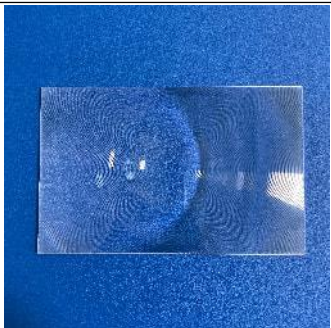


	<p>Focal Length: 43 Groove pitch: 0.3 Size:within $\Phi 75$ can be made</p>		<p>Focal Length: 45 Groove pitch: 0.3 Size:within $\Phi 80$ can be made</p>
	<p>Focal Length: 50 Groove pitch: 0.3 Size:within $\Phi 120$ can be made</p>		<p>Focal Length: 50 Groove pitch: 0.3 Size:within 100×100 can be made</p>
	<p>Focal Length: 52 Groove pitch: 0.3 Size:within 61.8×61.8 can be made</p>		<p>Focal Length: 50.8 Groove pitch: 0.3 Size:within $\Phi 80$ can be made</p>
	<p>Focal Length: 55 Groove pitch: 0.3 Size:within $\Phi 60$ can be made</p>		<p>Focal Length: 56 Groove pitch: 0.15 Size:within $\Phi 110$ can be made</p>

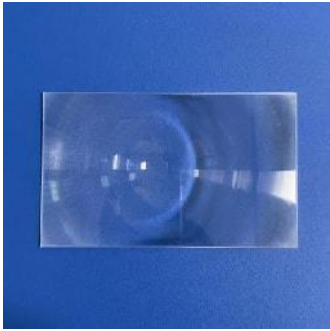
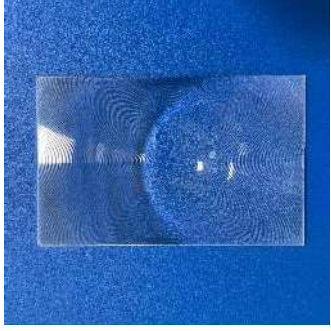
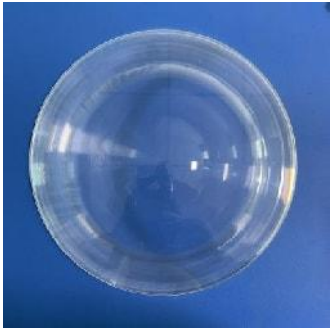

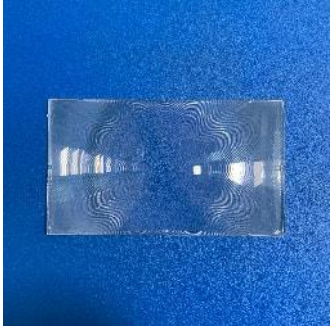
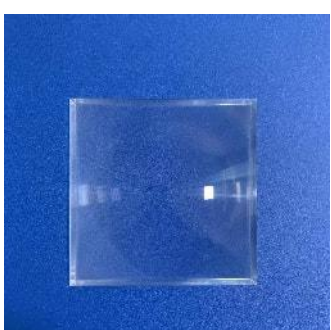

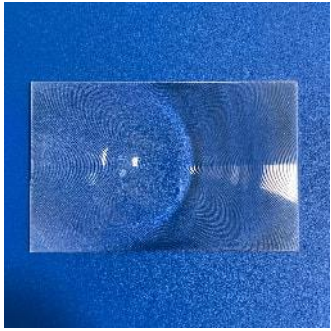
	<p>Focal Length: 58</p> <p>Groove pitch: 0.3</p> <p>Size:within $\Phi 140$ can be made</p>		<p>Focal Length: 60</p> <p>Groove pitch: 0.3</p> <p>Size:within $\Phi 130$ can be made</p>
	<p>Focal Length: 63</p> <p>Groove pitch: 0.3</p> <p>Size:within $\Phi 100$ can be made</p>		<p>Focal Length: 63</p> <p>Groove pitch: 0.3</p> <p>Size:within 130×80 can be made</p>
	<p>Focal Length: 68</p> <p>Groove pitch: 0.125</p> <p>Size:within $\Phi 130$ can be made</p>		<p>Focal Length: 68</p> <p>Groove pitch: 0.3</p> <p>Size:within 80×80 can be made</p>
	<p>Focal Length: 70</p> <p>Groove pitch: 0.3</p> <p>Size:within $\Phi 150$ can be made</p>		<p>Focal Length: 70</p> <p>Groove pitch: 0.25</p> <p>Size:within 80×60 can be made</p>

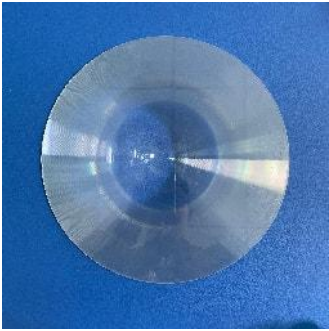
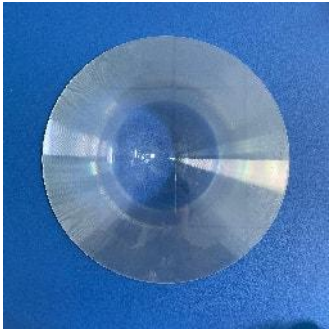
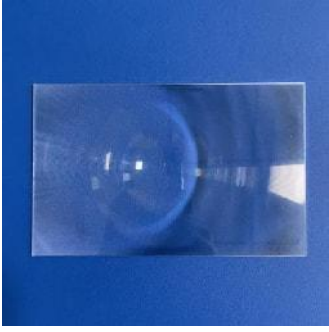
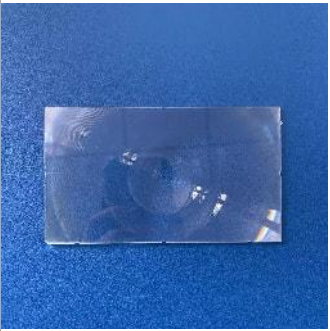
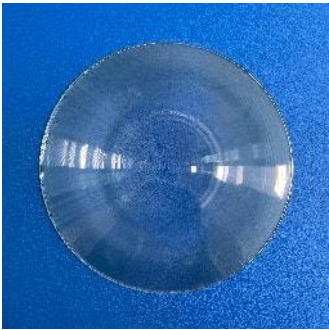

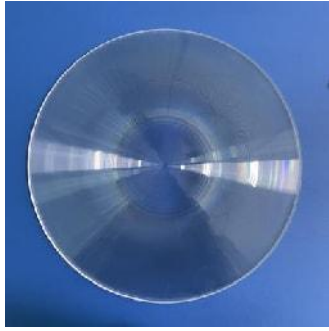
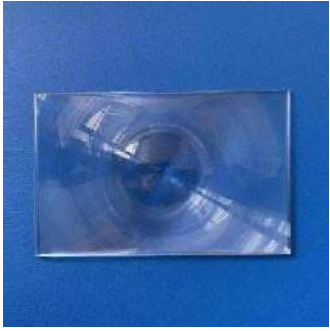
	<p>Focal Length: 70</p> <p>Groove pitch: 0.3</p> <p>Size:within 140×100 can be made</p>		<p>Focal Length: 75</p> <p>Groove pitch: 0.3</p> <p>Size:within 130×80 can be made</p>
	<p>Focal Length: 75</p> <p>Groove pitch: 0.5</p> <p>Size:within Φ230 can be made</p>		<p>Focal Length: 80</p> <p>Groove pitch: 0.5</p> <p>Size:within Φ200 can be made</p>
	<p>Focal Length: 80</p> <p>Groove pitch: 0.3</p> <p>Size:within Φ130 can be made</p>		<p>Focal Length: 80</p> <p>Groove pitch: 0.15</p> <p>Size:within Φ190 can be made</p>
	<p>Focal Length: 80</p> <p>Groove pitch: 0.3</p> <p>Size:within 140×90 can be made</p>		<p>Focal Length: 84</p> <p>Groove pitch: 0.3</p> <p>Size:within 65×42 can be made</p>

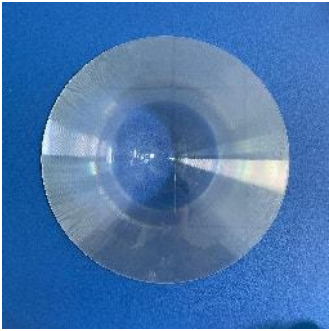
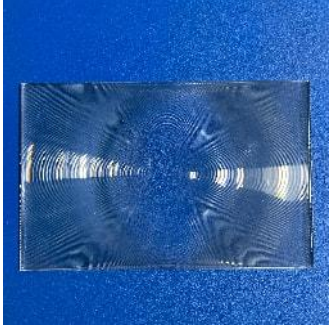
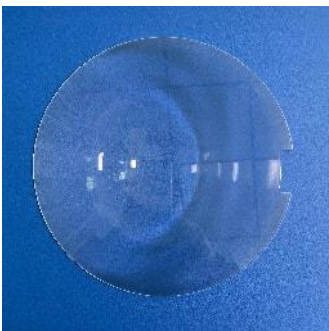
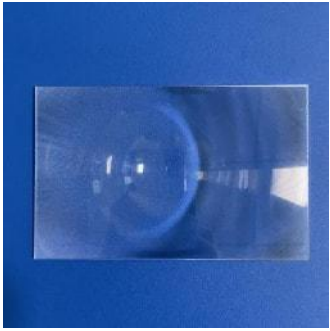
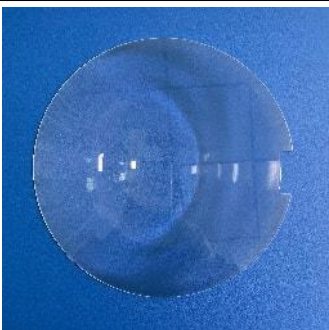

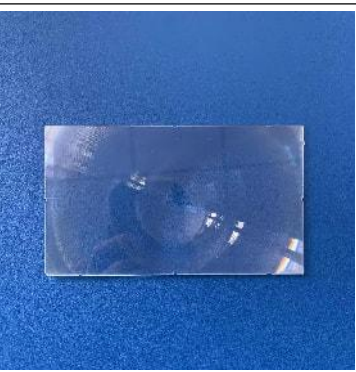
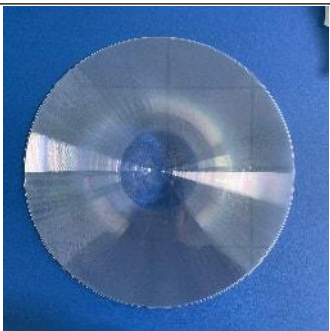
	<p>Focal Length: 85 Groove pitch: 0.25 Size:within 130×80 can be made</p>		<p>Focal Length: 85 Groove pitch: 0.3 Size:within 110×65 can be made</p>
	<p>Focal Length: 90 Groove pitch: 0.3 Size:within $\Phi 170$ can be made</p>		<p>Focal Length: 90 Groove pitch: 0.3 Size:within 150×95 can be made</p>
	<p>Focal Length: 90 Groove pitch: 0.5 Size:within $\Phi 250$ can be made</p>		<p>Focal Length: 95 Groove pitch: 0.3 Size:within $\Phi 130$ can be made</p>
	<p>Focal Length: 95 Groove pitch: 0.5 Size:within $\Phi 110$ can be made</p>		<p>Focal Length: 100 Groove pitch: 0.25 Size:within 130×80 can be made</p>

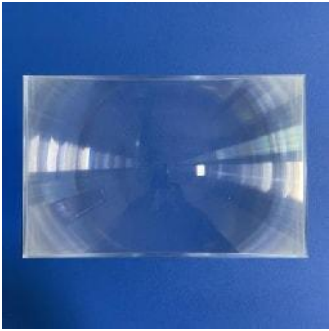

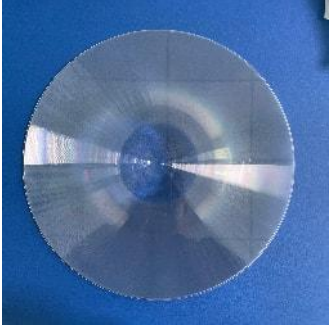
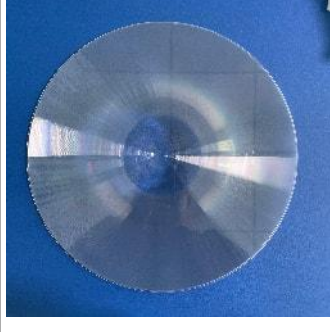

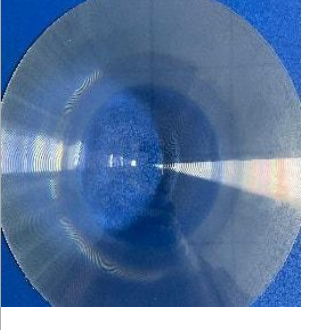

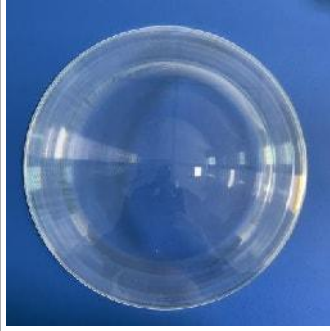
	<p>Focal Length: 100 Groove pitch: 0.3 Size:within $\Phi 220$ can be made</p>		<p>Focal Length: 100 Groove pitch: 0.5 Size:within $\Phi 300$ can be made</p>
	<p>Focal Length: 100 Groove pitch: 0.3 Size:within 140×100 can be made</p>		<p>Focal Length: 105 Groove pitch: .3 Size:within $\Phi 150$ can be made</p>
	<p>Focal Length: 110 Groove pitch: 0.3 Size:within $\Phi 250$ can be made</p>		<p>Focal Length: 110 Groove pitch: 0.3 Size:within 160×110 can be made</p>
	<p>Focal Length: 114 Groove pitch: 0.5 Size:within $\Phi 220$ can be made</p>		<p>Focal Length: 115 Groove pitch: 0.3 Size:within 130×80 can be made</p>


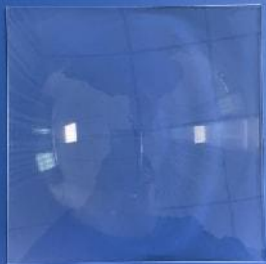



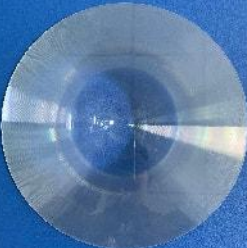
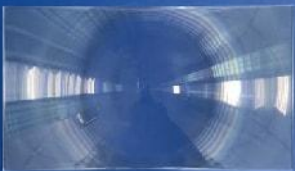
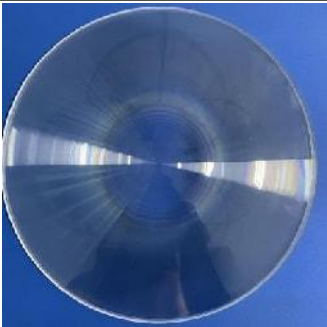
	<p>Focal Length: 120 Groove pitch: 0.3 Size:within $\Phi 300$ can be made</p>		<p>Focal Length: 120 Groove pitch: 0.3 Size:within 160×111 can be made</p>
	<p>Focal Length: 125 Groove pitch: 0.3 Size:within $\Phi 180$ can be made</p>		<p>Focal Length: 125 Groove pitch: 0.3 Size:within 130×80 can be made</p>
	<p>Focal Length: 127 Groove pitch: 0.3 Size:within 130×80 can be made</p>		<p>Focal Length: 128 Groove pitch: 0.3 Size:within 130×80 can be made</p>
	<p>Focal Length: 130 Groove pitch: 0.5 Size:within $\Phi 200$ can be made</p>		<p>Focal Length: 130 Groove pitch: 0.3 Size:within $\Phi 160$ can be made</p>

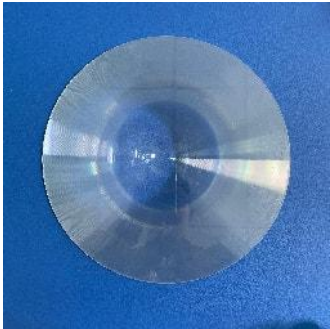
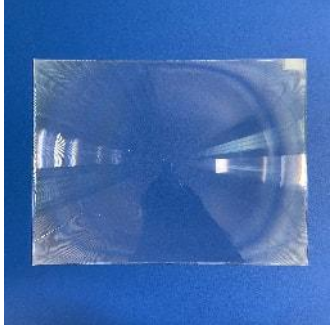
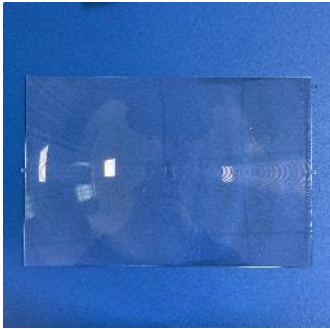
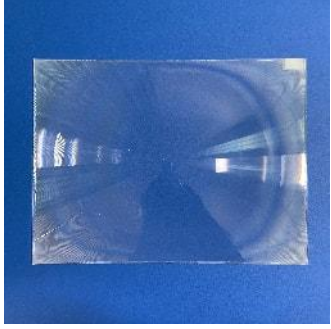
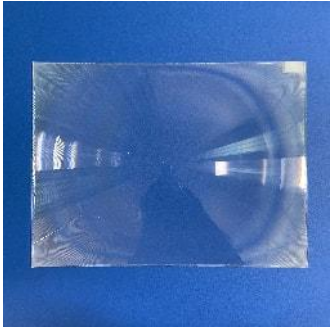
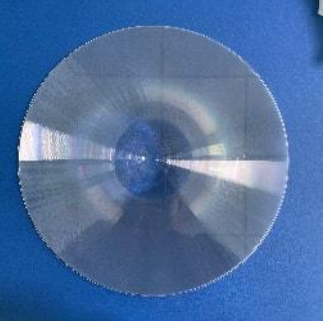
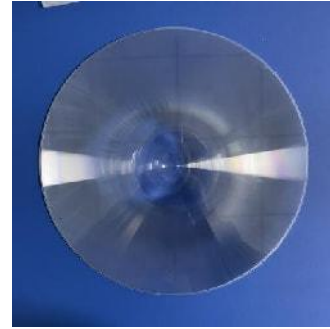
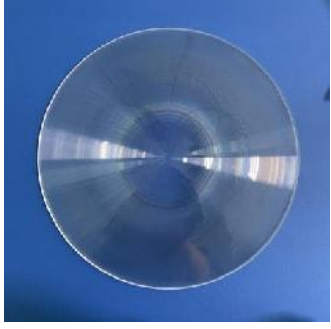
	<p>Focal Length: 130 Groove pitch: 0.3 Size:within 160×110 can be made</p>		<p>Focal Length: 135 Groove pitch: 0.3 Size:within 175×115 can be made</p>
	<p>Focal Length: 140 Groove pitch: 0.3 Size:within Φ270 can be made</p>		<p>Focal Length: 140 Groove pitch: 0.3 Size:within 160×110 can be made</p>
	<p>Focal Length: 142 Groove pitch: 0.3 Size:within 130×88 can be made</p>		<p>Focal Length: 144 Groove pitch: 0.3 Size:within 160×110 can be made</p>
	<p>Focal Length: 148 Groove pitch: 0.3 Size:within Φ200 can be made</p>		<p>Focal Length: 148 Groove pitch: 0.3 Size:within 140×100 can be made</p>

	<p>Focal Length: 150 Groove pitch: 0.5 Size:within $\Phi 300$ can be made</p>		<p>Focal Length: 160 Groove pitch: 0.3 Size:within $\Phi 300$ can be made</p>
	<p>Focal Length: 160 Groove pitch: 0.3 Size:within 160×110 can be made</p>		<p>Focal Length: 170 Groove pitch: 0.3 Size:within 160×110 can be made</p>
	<p>Focal Length: 170 Groove pitch: 0.3 Size:within $\Phi 220$ can be made</p>		<p>Focal Length: 178 Groove pitch: 0.3 Size:within 170×130 can be made</p>
	<p>Focal Length: 185 Groove pitch: 0.5 Size:within $\Phi 350$ can be made</p>		<p>Focal Length: 185 Groove pitch: 0.3 Size:within 170×110 can be made</p>

	<p>Focal Length: 200</p> <p>Groove pitch: 0.3</p> <p>Size:within $\Phi 300$ can be made</p>		<p>Focal Length: 200</p> <p>Groove pitch: 0.3</p> <p>Size:within 160×110 can be made</p>
	<p>Focal Length: 210</p> <p>Groove pitch: 0.3</p> <p>Size:within $\Phi 300$ can be made</p>		<p>Focal Length: 210</p> <p>Groove pitch: 0.3</p> <p>Size:within 160×110 can be made</p>
	<p>Focal Length: 220</p> <p>Groove pitch: 0.3</p> <p>Size:within $\Phi 310$ can be made</p>		<p>Focal Length: 220</p> <p>Groove pitch: 0.3</p> <p>Size:within 140×100 can be made</p>
	<p>Focal Length: 230</p> <p>Groove pitch: 0.3</p> <p>Size:within 160×100 can be made</p>		<p>Focal Length: 240</p> <p>Groove pitch: 0.5</p> <p>Size:within $\Phi 400$ can be made</p>

	<p>Focal Length: 240</p> <p>Groove pitch: 0.3</p> <p>Size:within 195×125 can be made</p>		<p>Focal Length: 250</p> <p>Groove pitch: 0.3</p> <p>Size:within Φ250 can be made</p>
	<p>Focal Length: 260</p> <p>Groove pitch: 0.3</p> <p>Size:within Φ310 can be made</p>		<p>Focal Length: 260</p> <p>Groove pitch: 0.12</p> <p>Size:within Φ380 can be made</p>
	<p>Focal Length: 290</p> <p>Groove pitch: 0.3</p> <p>Size:within Φ250 can be made</p>		<p>Focal Length: 300</p> <p>Groove pitch: 0.5</p> <p>Size:within Φ500 can be made</p>
	<p>Focal Length: 310</p> <p>Groove pitch: 0.3</p> <p>Size:within Φ160 can be made</p>		<p>Focal Length: 315</p> <p>Groove pitch: 0.5</p> <p>Size:within Φ280 can be made</p>

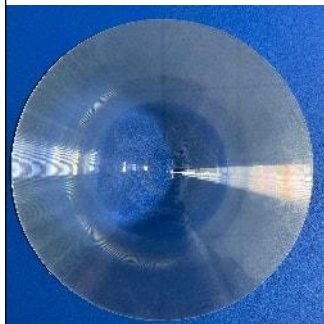
	<p>Focal Length: 326</p> <p>Groove pitch: 0.3</p> <p>Size:within 400×300 can be made</p>		<p>Focal Length: 350</p> <p>Groove pitch: 0.5</p> <p>Size:within 300×300 can be made</p>
	<p>Focal Length: 356</p> <p>Groove pitch: 0.3</p> <p>Size:within Φ300 can be made</p>		<p>Focal Length: 370</p> <p>Groove pitch: 0.5</p> <p>Size:within Φ210 can be made</p>
	<p>Focal Length: 400</p> <p>Groove pitch: 0.3</p> <p>Size:within Φ300 can be made</p>		<p>Focal Length: 406</p> <p>Groove pitch: 0.5</p> <p>Size:within Φ300 can be made</p>
	<p>Focal Length: 406</p> <p>Groove pitch: 0.5</p> <p>Size:within 300×250 can be made</p>		<p>Focal Length: 450</p> <p>Groove pitch: 0.3</p> <p>Size:within Φ380 can be made</p>

	<p>Focal Length: 457</p> <p>Groove pitch: 0.2</p> <p>Size:within $\Phi 300$ can be made</p>		<p>Focal Length: 500</p> <p>Groove pitch: 0.1</p> <p>Size:within 400×300 can be made</p>
	<p>Focal Length: 500</p> <p>Groove pitch: 0.5</p> <p>Size:within 470×260 can be made</p>		<p>Focal Length: 510</p> <p>Groove pitch: 0.5</p> <p>Size:within 400×300 can be made</p>
	<p>Focal Length: 600</p> <p>Groove pitch: 0.5</p> <p>Size:within 400×300 can be made</p>		<p>Focal Length: 660</p> <p>Groove pitch: 0.5</p> <p>Size:within $\Phi 400$ can be made</p>
	<p>Focal Length: 2000</p> <p>Groove pitch: 0.3</p> <p>Size:within $\Phi 300$ can be made</p>		<p>Focal Length: 900</p> <p>Groove pitch: 0.5</p> <p>Size:within $\Phi 360$ can be made</p>

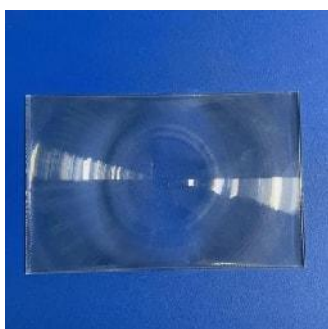
Wide Angle Fresnel Lens



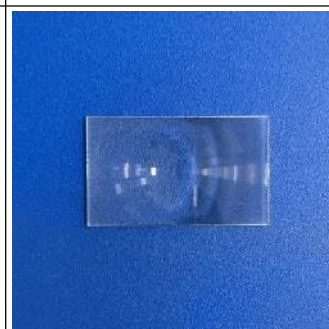
Focal Length: -280
Groove pitch: 0.3
Size: within 132×88
can be made



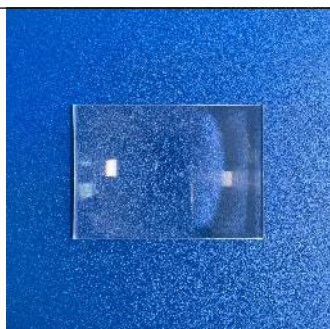
Focal Length: -300
Groove pitch: 0.5
Size: within $\Phi 358$
can be made



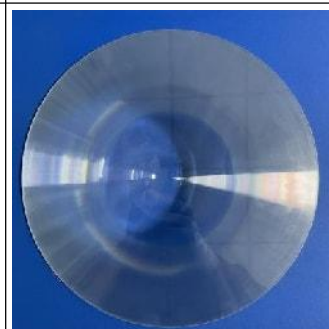
Focal Length: -300
Groove pitch: 0.05
Size: within 145×115
can be made



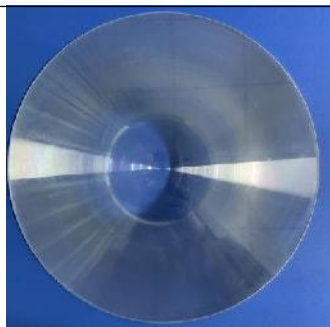
Focal Length: -330
Groove pitch: 0.5
Size: within 290×160
can be made



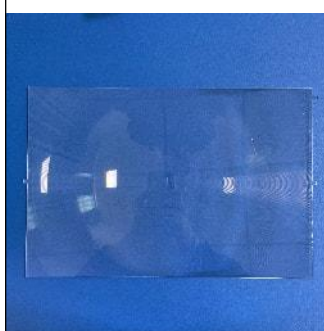
Focal Length: -350
Groove pitch: 0.3
Size: within 60×90
can be made



Focal Length: -508
Groove pitch: 0.3
Size: within $\Phi 340$
can be made



Focal Length: -600
Groove pitch: 0.3
Size: within $\Phi 420$
can be made

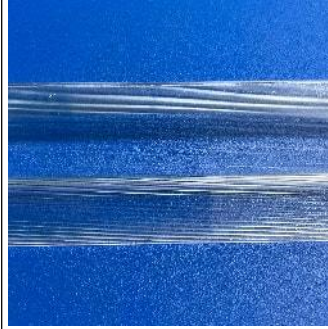


Focal Length: -750
Groove pitch: 0.3
Size: within 400×100
can be made

Linear Fresnel Lens



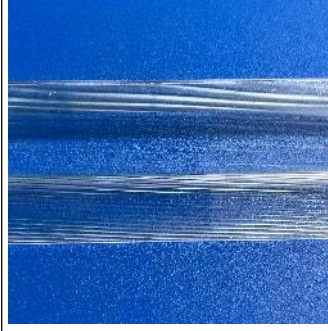
Focal Length: 10
Groove pitch: 0.3
Size:within 25×900
can be made



Focal Length: 10
Groove pitch: 0.5
Size:within 25×900
can be made



Focal Length: 12
Groove pitch: 0.3
Size:within 30×1200
can be made



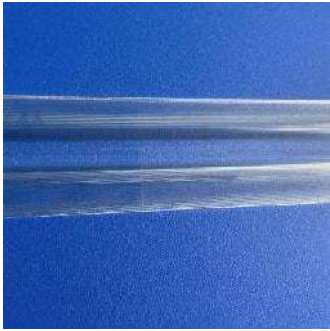

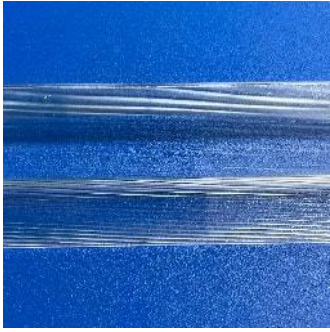
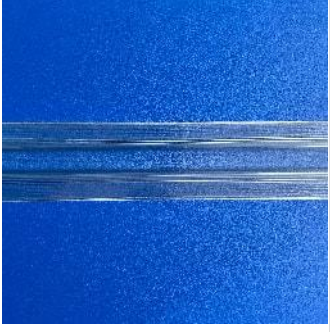
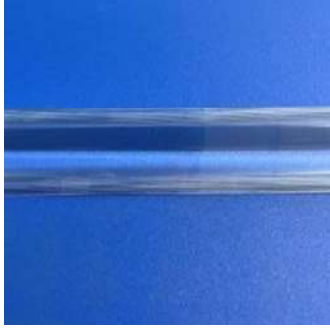
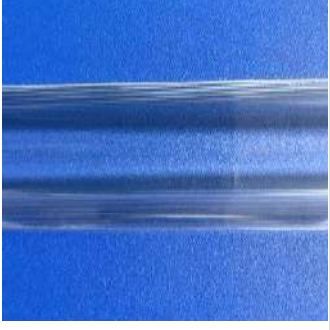

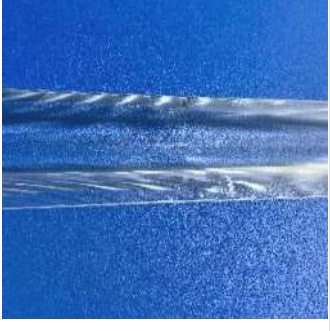
Focal Length: 12
Groove pitch: 0.5
Size:within 30×900
can be made

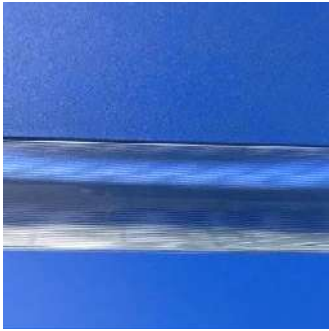
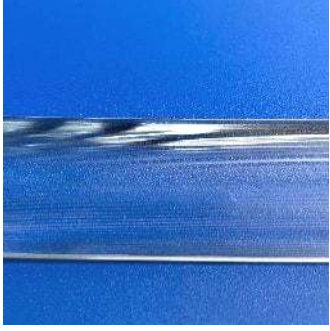



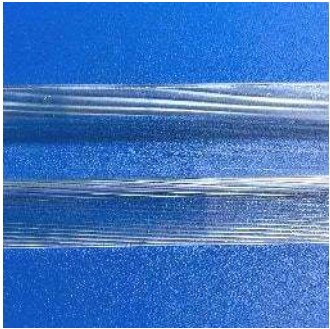

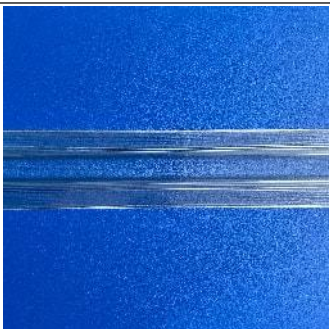


Focal Length: 15
Groove pitch: 0.5
Size:within 40×900
can be made

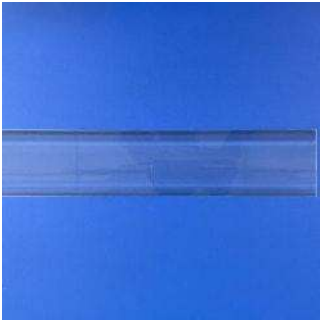

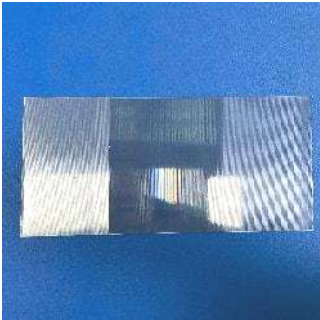
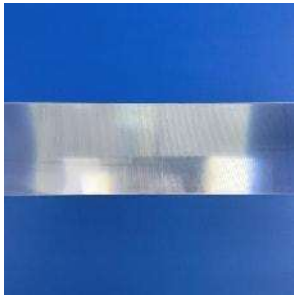
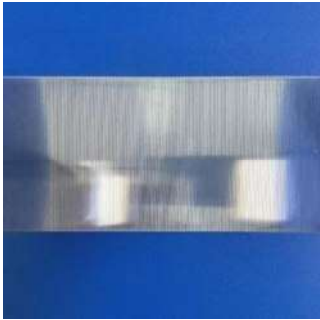
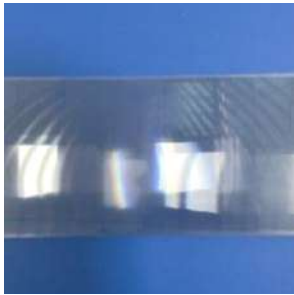



Focal Length: 18
Groove pitch: 0.5
Size:within 50×900
can be made

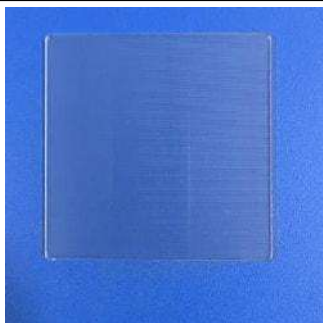
	<p>Focal Length: 20 Groove pitch: 0.5 Size:within 50×900 can be made</p>		<p>Focal Length: 25 Groove pitch: 0.5 Size:within 50×900 can be made</p>
	<p>Focal Length: 30 Groove pitch: 0.5 Size:within 80×900 can be made</p>		<p>Focal Length: 40 Groove pitch: 0.5 Size:within 50×900 can be made</p>
	<p>Focal Length: 50 Groove pitch: 0.5 Size:1within 30×900 can be made</p>		<p>Focal Length: 60 Groove pitch: 0.5 Size:1within 50×900 can be made</p>
	<p>Focal Length: 70 Groove pitch: 0.5 Size:within 170×900 can be made</p>		<p>Focal Length: 80 Groove pitch: 0.5 Size:within 200×650 can be made</p>

	<p>Focal Length: 90 Groove pitch: 0.5 Size:within 200×900 can be made</p>		<p>Focal Length: 100 Groove pitch: 0.5 Size:within 220×900 can be made</p>
	<p>Focal Length: 120 Groove pitch: 0.5 Size:within 40×900 can be made</p>		<p>Focal Length: 150 Groove pitch: 0.3 Size:within 50×900 can be made</p>
	<p>Focal Length: 650 Groove pitch: 0.65 Size:within 520×500 can be made</p>		<p>Focal Length: 900 Groove pitch: 0.5 Size:within 520×500 can be made</p>
	<p>Focal Length: --800 Groove pitch: 0.2 Size:within 401×500 can be made</p>		<p>Focal Length: --250 Groove pitch: 0.2 Size:within 250×800 can be made</p>

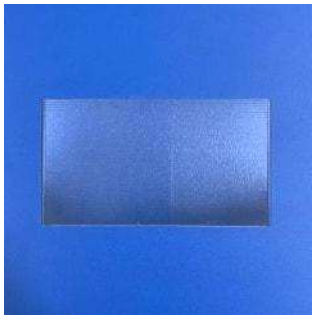
Polarized Fresnel Lens

	Focal Length: Groove pitch: 0.1 Size:35×1380		Focal Length: Groove pitch: 0.05 Size:35×1380
	Focal Length: Groove pitch: 0.06 Size:35×1380		Focal Length: Groove pitch: 0.05 Size:35×1380
	Focal Length: Groove pitch: 0.04 Size:35×1380		Focal Length: Groove pitch: 0.03 Size:35×1380
	Focal Length: Groove pitch: 0.02 Size:35×1380		

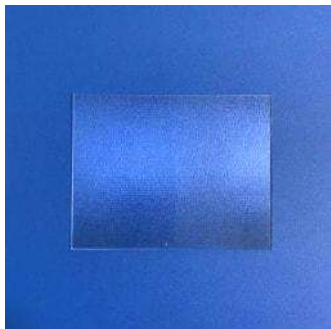
Cylindrical Fresnel Lens



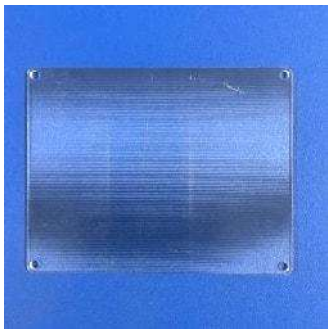
Focal Length:
Groove pitch: 0.5
Size:280×280



Focal Length:
Groove pitch: 0.3
Size:280×280

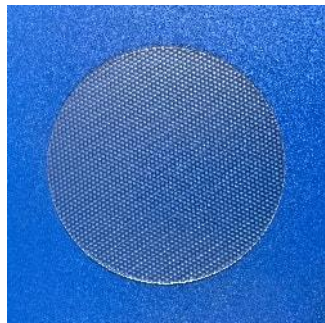


Focal Length:
Groove pitch: 1.0
Size:280×280

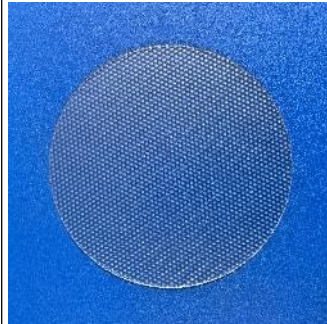


Focal Length:
Groove pitch: 0.5
Size:280×280

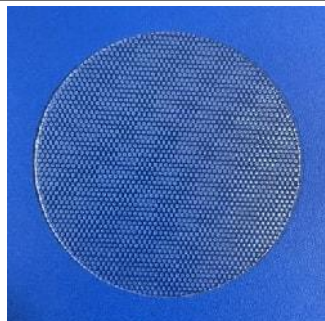
Fresnel Lens-Fly's eye lens



Fly's eye lens
NO., 01



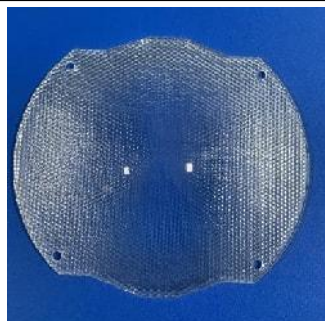
Fly's eye lens
NO., 02



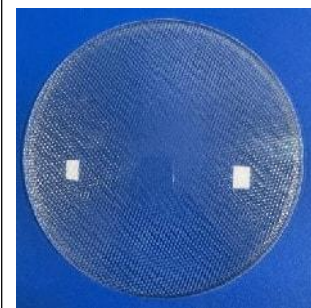
Fly's eye lens
NO., 03



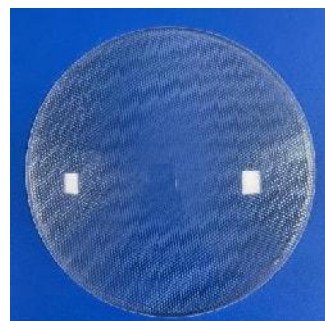
Fly's eye lens
NO., 04



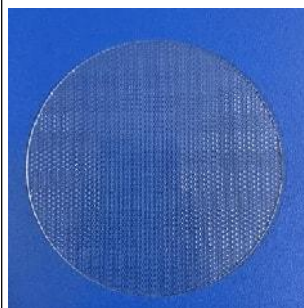
Fly's eye lens
NO., 10



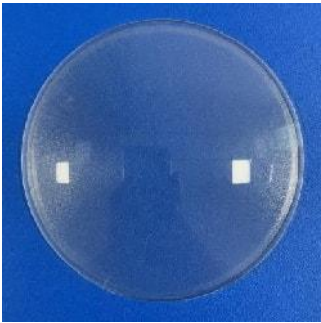
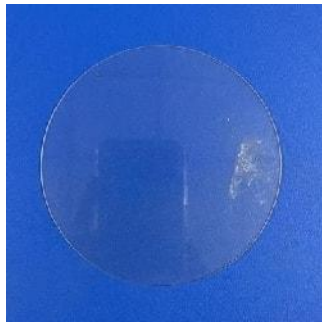
Fly's eye lens
NO., 11

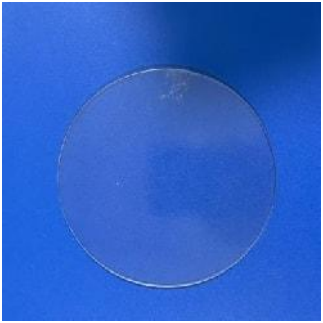
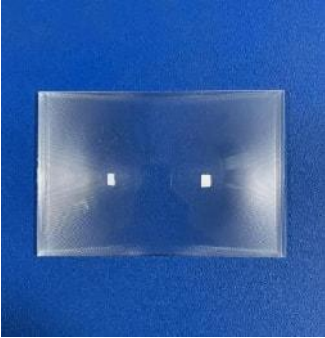
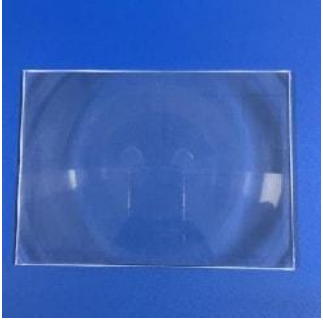
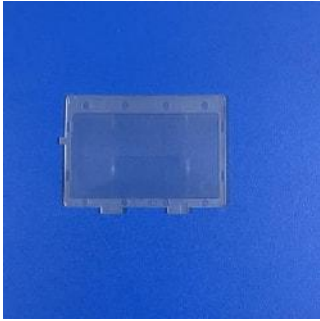




Fly's eye lens
NO., 11-02

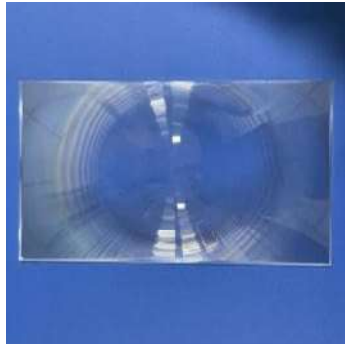


Fly's eye lens
NO., 12

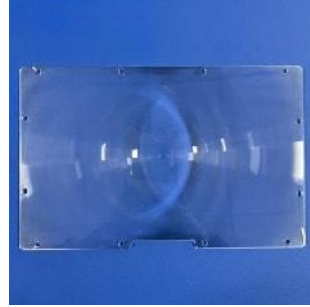
	Fly's eye lens NO., 14		Fly's eye lens NO., 29
Fresnel Lens-Textured surface lens			
	Textured surface lens NO., 02		Textured surface lens NO., 04
	Textured surface lens NO., 05		Textured surface lens NO., 06
	Textured surface lens NO., 08		Textured surface lens NO., 09

	<p>Textured surface lens NO., 13</p>		<p>Textured surface lens NO., 20</p>
<h1>HUD Fresnel lens</h1>			
			<p>H208-X</p>
	<p>SX-12</p>		<p>H209-Y</p>

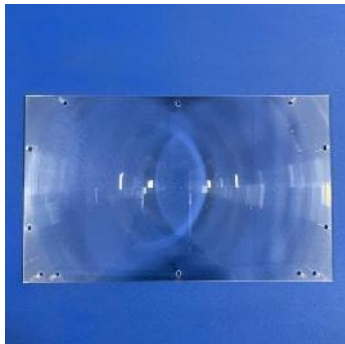
3D Printing Fresnel Lens



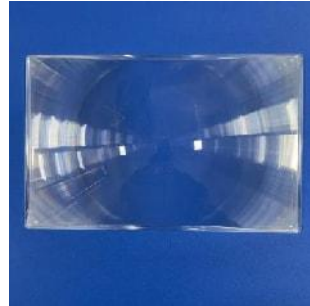
Focal Length: 160
Groove pitch: 0.15
Size: 233.92×142.12



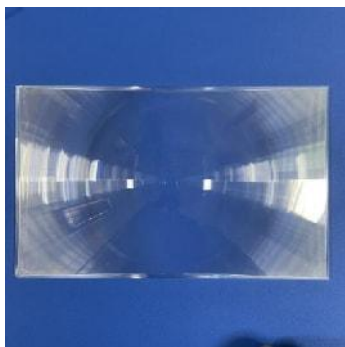
Focal Length: 160
Groove pitch: 0.15
Size: 240×140



Focal Length: 180
Groove pitch: 0.15
Size: 302.36×176.94



Focal Length: 80
Groove pitch: 0.15
Size: 124×95



Focal Length: 100
Groove pitch: 0.15
Size: 124×95

Giant Fresnel Lens



Focal Length: 600
Groove pitch: 0.3
Size: within $\Phi 740$ can be made



Focal Length: 700
Groove pitch: 0.2
Size: within $\Phi 700$ can be made



Focal Length: 890
Groove pitch: 0.5
Size: within 900×900 can be made



Focal Length: 1000
Groove pitch: 0.5
Size: within 1100×1100 can be made



Focal Length: 1300
Groove pitch: 0.5
Size: within 1100×1110 can be made



Focal Length: 1800
Groove pitch: 0.5
Size: within 1600×1400 can be made