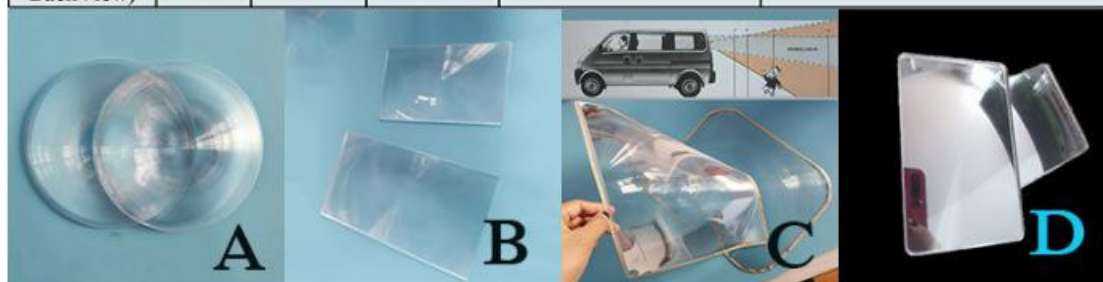


## Changchun Yutai Optics Co., Ltd.

[Http://www.ytoptics.com](http://www.ytoptics.com)

Shape	Material	Dia(mm)	Dia (inch)	Focal length (mm)	Focal length (inch)
A(Focal lens)	PMMA	30	1.18	15/20/50	0.59/0.78/1.96
A(Focal lens)	PMMA	40	1.57	27.5/35/40/43/50/55/60/70	1.08/1.37/1.57/1.69/1.96/2.16/2.36/2
A(Focal lens)	PMMA	50	1.96	27.5/35/40/45/50/55/60/70	1.08/1.37/1.57/1.77/1.96/2.16/2.36/2
A(Focal lens)	PMMA	55	2.16	25/35/40	0.98/1.37/1.57
A(Focal lens)	PMMA	70	2.75	30/40/50/60/70/80	1.18/1.57/1.96/2.36/2.75/3.14
A(Focal lens)	PMMA	150	5.9	55/70/80/90/100/120/140/200/210	2.16/2.75/3.14/3.54/3.93/4.72/5.51/7.87/8.26
A(Focal lens)	PMMA	160	6.3	70/90/100/185/290	2.75/3.54/3.93/7.28/11.41
A(Focal lens)	PMMA	180	7.08	80/100/120/200/240	3.14/3.93/4.72/7.87/9.44
A(Focal lens)	PMMA	300	11.81	185/220	7.28/8.66
B(Focal lens)	PMMA	400x300	11	330/510/600	12.99/20.07/23.62
B(Magnifier)	PMMA	178x98	7		
B(Magnifier)	PMMA	300x145	12		
C(Car backview)	PVC	252x199	9.92		
C(Car backview)	PVC	298x210	11.73		
D(ATM BackView)	PMMA	65x40	2.55	-350	



## We also do customized service

Fresnel lenses are used in many fields, including:

Projection display: Fresnel projection TV, rear projection Fresnel screen, overhead projector, collimator;

Concentrating light: Fresnel lens for solar energy, Fresnel spotlight for photography, Fresnel magnifying glass;

Aviation and navigation: Fresnel lens for lighthouse, Fresnel flight simulation;

Scientific research: laser detection system, etc. ;

Infrared detection: passive motion detector;

Lighting optics: car headlights, traffic signs, optical landing systems.

Smart home: security system detectors, etc.

DIY Projector, Plane Magnifier, solar concentrator.

D160 FL 60/70/95/100/185/290

D90 FL 25/30/43/50

D180 FL 80/100/120/200/240/290