



# Photonics Solutions Group

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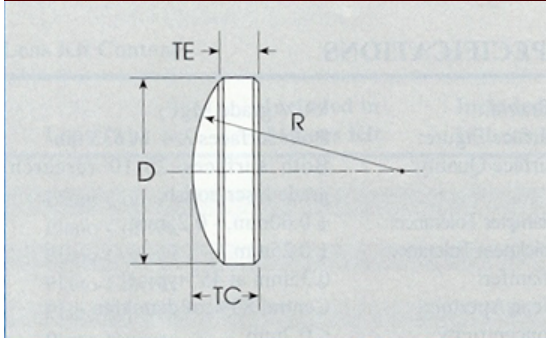
High Quality Optical Components Worldwide



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## Plano Convex



### SPECIFICATIONS

Material	BK7, FS, FLINT, MgF2, CaF2, ZnSe, Ge, Si
Surface Figure	To $\lambda/10$ @633nm
Surface Quality	To 10-5 Research grade Laser Polish
Thickness Tolerance	$\pm 0.25$ mm
Chamfer	0.35mm @ 45° Typical
Concentricity	$\leq 0.2$ mm
Clear Aperture	$\geq 85\%$ of Central Dimension
Focal Length Tolerance	$\pm 0.5\%$

When requesting a quotation, please include the following description and any special specifications:

PLCX	50.8	100.0	BK7	532	AR
Lens Type	Diameter (mm)	Radius (mm)	Material	Wavelength (nm)	Coating Type

(Note: For uncoated lenses leave out the "Wavelength and Coating Type")

#### Custom Optics

Photonics Solutions Group offers a wide variety of custom optical products and services. We offer our customers a truly integrated one-stop source for all of their optical requirements. From start to finish, PSG has the unique capability of offering our customers custom optics with a wide range of optical materials. PSG is capable of handling the most critical projects and giving them to your exact standards.

#### Standard Products

At Photonics Solutions Group, our capabilities include a complete range of standard optical components such as lenses, mirrors, windows, prisms, beamsplitters, filters, coatings and more. Although the majority of our business comes from custom fabricated components, we do offer a variety of standard components. Take a look at our products section for detailed standard

#### Coatings

PSG offers all the right coatings for your specific optics needs, whether you are adding a coating to one of our substrates or sending PSG your substrates to be coated. We offer a wide variety of coating types and by various coating methods as listed below. Please include the wavelength you are working with when requesting a quotation.

#### Services

**Optical Design** – PSG will design your optical requirements.  
**Modification** – PSG will re-polish, cut, edge or in any way modify one of your optics to the desired configuration.  
**Research** – PSG will help locate the equipment you need and do all the leg work in ensuring that the item you purchase is in good working order.  
**Consignment** - PSG will list and sell your

- Lenses
- Laser Mirrors
- Prisms
- Beamsplitters
- Waveplates
- Windows
- Optical Filters
- Coatings
- Optical Flats

optics available.

equipment / products for you.

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