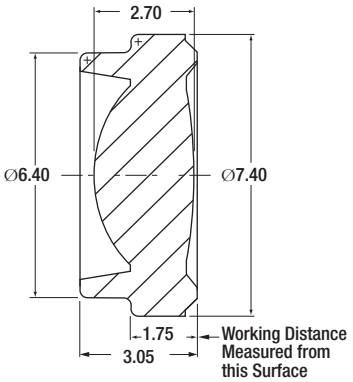
CAY046 (f = 4.60 mm and 0.40 NA)

Philips Molded Plastic Aspheric Lens Specifications

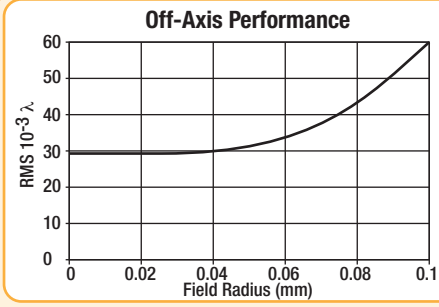
- **Focal Length:** 4.60 mm
- **Numerical Aperture:** 0.40
- **Design Wavelength:** 670 nm
- **Clear Aperture:** Ø3.70 mm
- **Surface Quality:** 80-50 Scratch-Dig
- **Free Working Distance:*** 2.28 mm
- **Laser Window Correction:** 0.25 mm (N-BK7)
- **RMS WFE:** 0.040 λ on Axis, 0.070 λ Total
- **Operating Temperature:** 5 to 65 °C
- **Storage Temperature:** -25 to 70 °C

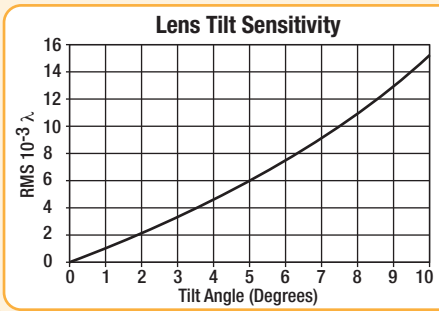
*Measured from the outside of the lens package (see mechanical drawing).



All Dimensions are in Millimeters

This is our most popular bi-aspheric plastic lens. Philips manufactures these optics using the latest molding technology, which results in near diffraction-limited lenses at affordable prices.





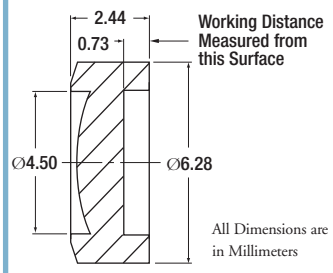
ITEM#	$	£	€	RMB	DESCRIPTION
CAY046	$ 12.00	£ 8.30	€ 10,70	¥ 101.40	Plastic Asphere, f = 4.60 mm, 0.40 NA

CAX100 (f = 10.00 mm and 0.20 NA)

Philips Molded Plastic Aspheric Lens Specifications

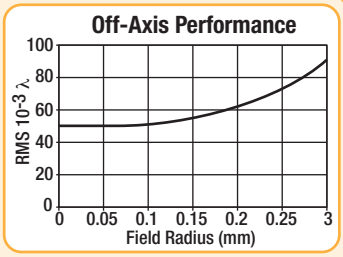
- **Focal Length:** 10.00 mm
- **Numerical Aperture:** 0.20
- **Free Working Distance:***8.33 mm
- **Design Wavelength:** 670 nm
- **Clear Aperture:** Ø4.10 mm
- **Surface Quality:** 80-50 Scratch-Dig
- **Laser Window Correction:** 0.25 mm (N-BK7)
- **RMS WFE:** 0.080 λ on Axis, 0.090 λ Total
- **Operating Temperature:** -10 to +75 °C
- **Storage Temperature:** -25 to +100 °C

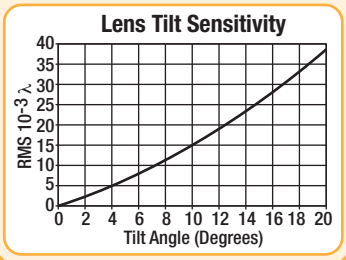
*Measured from the outside of the Lens Package (see mechanical drawing)



All Dimensions are in Millimeters

Please refer to our website for complete models and drawings.





ITEM#	$	£	€	RMB	DESCRIPTION
CAX100	$ 12.00	£ 8.30	€ 10,70	¥101.40	Plastic Asphere, f = 10.00 mm, 0.20 NA