



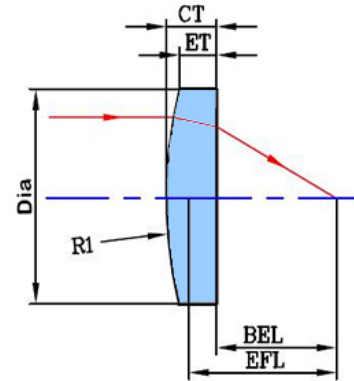
**Albrighter Technology Co.,Limited**

Address: No.16 Building 4, Shangjiang Garden, Hebei District, Tianjin China

Website: <https://www.albrighter.com> Email: [info@albrighter.com](mailto:info@albrighter.com)

**Plano convex lens (PCX)** is mainly used in focusing parallel light or transfer spot light to parallel light. BK7 Plano convex lens has high transmittance from visible light to near infrared(350-2000nm).

- Material:** BK7
- Design Wavelength:** 587.6nm
- Diameter Tolerance:** +0.0/-0.1mm
- Center Thickness Tolerance:** ±0.1mm
- Surface Figure:** λ /4 @633nm
- Focal Length Tolerance:** ±1%
- Centration:** 3 arc min.
- Surface Quality:** 40/20-60/40
- Bevel:** 0.2×45°-0.4×45°
- Coating:** Uncoated or Customized AR



**ALPX01---BK7 Plano Convex Lenses**

CAT	Dia(mm)	EFL(mm)	BFL(mm)	CT(mm)	ET(mm)
ALPX01-003-005	3	5	4	1.5	1.0
ALPX01-003-010	3	10	9.2	1.2	1.0
ALPX01-005-008	5	8	7.0	1.5	1.5
ALPX01-009-012	9	12	10.5	2.3	1.5
ALPX01-009-036	9	36	34.9	1.7	1.5
ALPX01-012-016	12.7	16	12.8	4.8	1.8
ALPX01-012-032	12.7	32	30.0	3.1	1.8
ALPX01-012-048	12.7	48	46.3	2.6	1.8
ALPX01-020-030	20	30	26.4	5.5	1.8
ALPX01-020-060	20	60	57.8	3.5	1.8
ALPX01-025-050	25.4	50	46.5	5.3	2.0
ALPX01-025-100	25.4	100	97.7	3.6	2.0
ALPX01-025-500	25.4	500	498.5	2.3	2.0
ALPX01-030-075	30	75	71.4	5.5	2.5
ALPX01-030-120	30	120	117.2	4.3	2.5
ALPX01-040-080	40	80	74.7	8.2	3.0
ALPX01-040-280	40	280	277.3	4.4	3.0
ALPX01-050-100	50	100	93.9	9.4	3.0
ALPX01-050-250	50	250	246.6	5.4	3.0
ALPX01-075-350	75	350	345.7	6.9	3.0

**\*All models can't be totally listed. Other demand, please send us required spec details.**

**\*In addition to N-BK7, we could also supply CaF<sub>2</sub>, Fused Silica, ZnSe, Ge substrate PCX lenses with customized size and coatings available.**