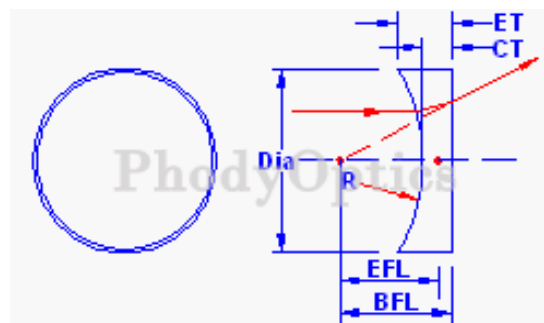


## ➡ BK7 Plano Concave Lenses

|                                |                            |
|--------------------------------|----------------------------|
| <b>Material:</b>               | BK7 grade A optical glass  |
| <b>Design Wavelength:</b>      | 632.8nm                    |
| <b>Design Index:</b>           | 1.51509±0.0005             |
| <b>Focal Length Tolerance:</b> | ±1%                        |
| <b>Diameter Tolerance:</b>     | +0.0,-0.1mm                |
| <b>Center Thickness:</b>       | ±0.1mm                     |
| <b>Surface Figure:</b>         | $\lambda/4@632.8\text{nm}$ |
| <b>Surface Quality:</b>        | 40-20 scratch and dig      |
| <b>Centration:</b>             | 3 arc minutes              |
| <b>Clear Aperture:</b>         | >90%                       |
| <b>Bevel:</b>                  | <0.25mm x 45°              |
| <b>Coating:</b>                | specified by customer      |



### BK7 Plano Concave Lenses

| Part No. | Dia(mm) | EFL(mm) | R(mm)  | CT(mm) | ET(mm) | BFL(mm) |
|----------|---------|---------|--------|--------|--------|---------|
| PCK06018 | 6.00    | -18.00  | -9.27  | 2.00   | 2.50   | -19.32  |
| PCK06024 | 6.00    | -24.00  | -12.36 | 2.00   | 2.40   | -25.32  |
| PCK09027 | 9.00    | -27.00  | -13.91 | 2.00   | 2.70   | -28.32  |
| PCK12025 | 12.70   | -25.00  | -12.88 | 3.00   | 4.70   | -26.98  |
| PCK12030 | 12.70   | -30.00  | -15.45 | 3.00   | 4.40   | -31.98  |
| PCK12050 | 12.70   | -50.00  | -25.75 | 3.50   | 4.30   | -52.31  |
| PCK25050 | 25.40   | -50.00  | -25.75 | 3.50   | 6.90   | -52.31  |
| PCK25075 | 25.40   | -75.00  | -38.63 | 3.50   | 5.60   | -77.31  |
| PCK02100 | 25.40   | -100.00 | -51.51 | 4.00   | 5.60   | -102.64 |
| PCK50075 | 50.80   | -75.00  | -38.63 | 3.50   | 13.00  | -77.31  |
| PCK50100 | 50.80   | -100.00 | -51.51 | 4.00   | 10.70  | -102.64 |
| PCK50150 | 50.80   | -150.00 | -77.26 | 4.00   | 8.30   | -152.64 |