

# PBS For 3D Projection Display

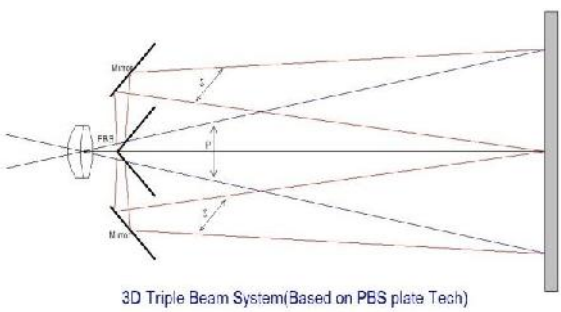
## Description

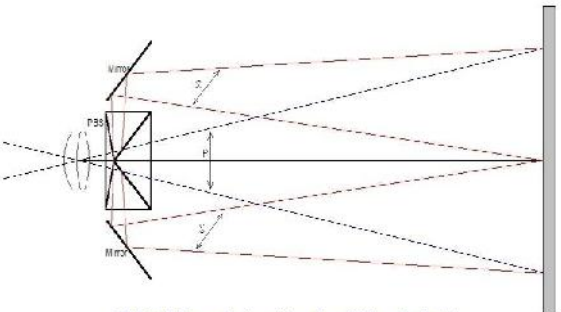
Wint Corporation specializes in 3D display optics. Our products include polarizing beam splitter (PBS), mirror and window, which can make your 3D display system brighter and clearer with excellent performance of higher light efficiency and lower crosstalk.

## Benefits

- Brightness and contrast uniformity
- High reliability
- Wavelength and AOI independent
- Size and shape as your request
- Wide wavelength range

## Products

| Item      | PBS Plate   | Application  |
|-----------|---|--|
| Character | Light efficiency:10% higher than Wire Grid Polarizers |  |
|           | Less absorption loss                                  |  |
|           | Precise Alignment                                     |  |
|           | $T_p > 98\% @ 420-680\text{nm}$                       |  |
|           | $R_s > 99.5\% @ 420-680\text{nm}$                     |  |
|           | $\text{AOI} 45 \pm 20^\circ$                          |  |
|           | Transmittance Distortion $< \lambda/8$                |  |
|           | Reflectance Distortion $< \lambda/4$                  |  |

| Item      | PBS Cube                               | Application  |
|-----------|--|--|
| Character | Designed for laser source              |  |
|           | No diffraction shadow in the center    |  |
|           | No color deviation                     |  |
|           | Less absorption loss                   |  |
|           | Precise Alignment                      |  |
|           | $T_p > 98\% @ 420-680\text{nm}$        |  |
|           | $R_s > 99.5\% @ 420-680\text{nm}$      |  |
|           | Transmittance Distortion $< \lambda/8$ |  |
|           | Reflectance Distortion $< \lambda/4$   |  |