

## Wavefront Correctors

A Wavefront Corrector is a phase plate that corrects static wavefront deformations. The encoded phase map is a spatial distribution which has the reverse shape of the wavefront aberration. When properly designed, it acts like a null optics by compensating the wavefront shape.

### Specifications\*

#### Substrate

<i>Diameter :</i>	up to 100 mm
<i>Thickness :</i>	from 0.5 mm to 9.5 mm
<i>Material :</i>	fused silica (high transmittance from 0.5 to 2.5 microns, very low refractive index change versus wavelength)

#### Encoded Phase Map

<i>Data :</i>	Phase Map data provided by customer.
<i>Pixel size :</i>	From 10 x 10 microns <sup>2</sup> to 100x100 micron <sup>2</sup>
<i>Encoded Phase Profile :</i>	etched multilevel profile (up to 256 levels)
<i>OPD PTV :</i>	up to 10 microns

\* Please contact us for other specifications

### Reflective Phase Screen

Wavefront Correctors are also available with aluminium or gold coating for reflective applications.

### Fields

Laser applications  
Instrumentation  
Astronomy

### Category

Phase component

