

Ray Trace Data

File : \\ppnas1\user\worku\Eigene Dateien\Zemax\UNDO\UND00001.ZMX
Title:
Date : 29.10.2013

Units : Millimeters
Wavelength : 0.550000 µm
Coordinates : Global coordinates relative to surface 2
Direction cosines are after refraction or reflection from the surface or object.
Angles are in degrees.

Normalized X Field Coord (Hx) : 0.0000000000
Normalized Y Field Coord (Hy) : 1.0000000000
Normalized X Pupil Coord (Px) : 0.0000000000
Normalized Y Pupil Coord (Py) : 0.0000000000

Real Ray Trace Data:

Surf	X-coordinate	Y-coordinate	Z-coordinate	X-cosine	Y-cosine	Z-cosine	X-normal
OBJ	0.0000000000E+000	1.0000000000E+000	-1.5000000000E+001	0.0000000000	-0.0995037190	0.9950371902	-
1	0.0000000000E+000	0.0000000000E+000	-5.0000000000E+000	0.0000000000	-0.0497518595	0.9987616094	0.0000000000
2	0.0000000000E+000	-2.4899053133E-001	-1.5499671772E-003	0.0000000000	-0.0870368163	0.9962050957	0.0000000000
3	0.0000000000E+000	-3.2198634166E+000	3.4002436315E+001	0.0000000000	-0.0870368163	0.9962050957	0.0000000000

Paraxial Ray Trace Data:

Surf	X-coordinate	Y-coordinate	Z-coordinate	X-cosine	Y-cosine	Z-cosine	X-normal
OBJ	0.0000000000E+000	1.0000000000E+000	-1.5000000000E+001	0.0000000000	-0.0995037190	0.9950371902	-
1	0.0000000000E+000	0.0000000000E+000	-5.0000000000E+000	0.0000000000	-0.0499376169	0.9987523389	-
2	0.0000000000E+000	-2.5000000000E-001	0.0000000000E+000	0.0000000000	-0.0871669503	0.9961937175	-
3	0.0000000000E+000	-3.2252131776E+000	3.4002436315E+001	0.0000000000	-0.0871669503	0.9961937175	-