

Ray Trace Data

File : \\10.1.1.42\user\worku\Eigene Dateien\Zemax\Samples\Sequential\Objectives\Double Gauss 28 degree field.zmx  
Title: DOUBLE GAUSS  
Date : 27.10.2013

Units : Millimeters  
Wavelength : 0.587600 μm  
Coordinates : Global coordinates relative to surface 1  
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) : 1.0000000000

Real Ray Trace Data:

Surf	X-coordinate	Y-coordinate	Z-coordinate	X-cosine	Y-cosine	Z-cosine	X-normal
OBJ	Infinity	Infinity	Infinity	0.0000000000	0.2419218956	0.9702957263	-
1	0.0000000000E+000	1.9786828803E+000	3.6161207786E-002	0.0000000000	0.1363568739	0.9906597816	0.0000000000
2	0.0000000000E+000	3.1821869944E+000	8.7798577213E+000	0.0000000000	0.2321087627	0.9726898387	0.0000000000
3	0.0000000000E+000	3.3304689878E+000	9.4012577349E+000	0.0000000000	0.1065803717	0.9943040905	0.0000000000
4	0.0000000000E+000	4.8145701842E+000	2.3246657850E+001	0.0000000000	0.1077097602	0.9941823814	0.0000000000
5	0.0000000000E+000	5.2929013559E+000	2.7661749133E+001	0.0000000000	0.3319395848	0.9433006477	0.0000000000
6	0.0000000000E+000	1.0083882385E+001	4.1276683040E+001	0.0000000000	0.3319395848	0.9433006477	0.0000000000
7	0.0000000000E+000	1.3177150526E+001	5.0067083385E+001	0.0000000000	0.4025222558	0.9154101996	-0.0000000000
8	0.0000000000E+000	1.6437524527E+001	5.7481778030E+001	0.0000000000	0.3983016168	0.9172545023	0.0000000000
9	0.0000000000E+000	1.8889119075E+001	6.3127590257E+001	0.0000000000	0.3243429347	0.9459395651	-0.0000000000
10	0.0000000000E+000	2.1234163569E+001	6.9966864776E+001	0.0000000000	0.1562334418	0.9877201586	0.0000000000
11	0.0000000000E+000	2.1573757190E+001	7.2113802469E+001	0.0000000000	0.0490151085	0.9987980372	-0.0000000000
12	0.0000000000E+000	2.4561123842E+001	1.3298841935E+002	0.0000000000	0.0490151085	0.9987980372	0.0000000000

Paraxial Ray Trace Data:

Surf	X-coordinate	Y-coordinate	Z-coordinate	X-cosine	Y-cosine	Z-cosine	X-normal
OBJ	Infinity	Infinity	Infinity	0.0000000000	0.2419218956	0.9702957263	
1	0.0000000000E+000	1.9696668786E+000	0.0000000000E+000	0.0000000000	0.1399788876	0.9901544885	
2	0.0000000000E+000	3.2061885026E+000	8.7466578500E+000	0.0000000000	0.2333767903	0.9723863809	
3	0.0000000000E+000	3.3261905897E+000	9.2466578500E+000	0.0000000000	0.1119809695	0.9937103514	
4	0.0000000000E+000	4.9038470679E+000	2.3246657850E+001	0.0000000000	0.1131524718	0.9935776357	
5	0.0000000000E+000	5.3339825812E+000	2.7023623740E+001	0.0000000000	0.3109172759	0.9504369771	
6	0.0000000000E+000	9.9965982811E+000	4.1276683040E+001	0.0000000000	0.3109172759	0.9504369771	
7	0.0000000000E+000	1.4062222976E+001	5.3704812140E+001	0.0000000000	0.3793991823	0.9252330844	
8	0.0000000000E+000	1.5610997868E+001	5.7481778030E+001	0.0000000000	0.3759859318	0.9266253715	
9	0.0000000000E+000	2.0006954235E+001	6.8315706530E+001	0.0000000000	0.3063661000	0.9519137633	
10	0.0000000000E+000	2.0167875378E+001	6.8815706530E+001	0.0000000000	0.1573215615	0.9875474299	
11	0.0000000000E+000	2.1260419141E+001	7.5673881440E+001	0.0000000000	0.0615874185	0.9981016932	
12	0.0000000000E+000	2.4796987065E+001	1.3298841935E+002	0.0000000000	0.0615874185	0.9981016932	