

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) : 0.7142857143  
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	0.1736481777	0.9848077530	-
1	0.0000000000E+000	6.3379529117E+000	3.7216749325E-001	0.0000000000	0.0626184775	0.9980375375	0.0000000000
2	0.0000000000E+000	6.8731030786E+000	8.9015980452E+000	0.0000000000	0.1282801925	0.9917379655	0.0000000000
3	0.0000000000E+000	7.0069155605E+000	9.9361063032E+000	0.0000000000	0.0020703990	0.9999978567	0.0000000000
4	0.0000000000E+000	7.0344737724E+000	2.3246657850E+001	0.0000000000	0.0020923382	0.9999978111	0.0000000000
5	0.0000000000E+000	7.0447693236E+000	2.8167243246E+001	0.0000000000	0.2121602160	0.9772348964	0.0000000000
6	0.0000000000E+000	9.8908625074E+000	4.1276683040E+001	0.0000000000	0.2121602160	0.9772348964	0.0000000000
7	0.0000000000E+000	1.1948890566E+001	5.0756202223E+001	0.0000000000	0.3114222226	0.9502716450	-0.0000000000
8	0.0000000000E+000	1.4152990602E+001	5.7481778030E+001	0.0000000000	0.3081568112	0.9513355768	0.0000000000
9	0.0000000000E+000	1.6417187090E+001	6.4471760384E+001	0.0000000000	0.2190035110	0.9757240707	-0.0000000000
10	0.0000000000E+000	1.7568911536E+001	6.9603026362E+001	0.0000000000	0.0998724305	0.9950002501	0.0000000000
11	0.0000000000E+000	1.7933447437E+001	7.3234792511E+001	0.0000000000	-0.0078704402	0.9999690276	-0.0000000000
12	0.0000000000E+000	1.7463145521E+001	1.3298841935E+002	0.0000000000	-0.0078704402	0.9999690276	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	0.1736481777	0.9848077530	
1	0.0000000000E+000	6.2723297413E+000	0.0000000000E+000	0.0000000000	0.0657887194	0.9978335755	
2	0.0000000000E+000	6.8490104959E+000	8.7466578500E+000	0.0000000000	0.1320839129	0.9912385384	
3	0.0000000000E+000	6.9156361908E+000	9.2466578500E+000	0.0000000000	0.0085819154	0.9999631747	
4	0.0000000000E+000	7.0357874304E+000	2.3246657850E+001	0.0000000000	0.0086728476	0.9999623902	
5	0.0000000000E+000	7.0685457119E+000	2.7023623740E+001	0.0000000000	0.2012308928	0.9795438366	
6	0.0000000000E+000	9.9965982811E+000	4.1276683040E+001	0.0000000000	0.2012308928	0.9795438366	
7	0.0000000000E+000	1.2549749473E+001	5.3704812140E+001	0.0000000000	0.2978388919	0.9546161503	
8	0.0000000000E+000	1.3728157501E+001	5.7481778030E+001	0.0000000000	0.2949889789	0.9555006553	
9	0.0000000000E+000	1.7072885197E+001	6.8315706530E+001	0.0000000000	0.2091089441	0.9778923507	
10	0.0000000000E+000	1.7179803379E+001	6.8815706530E+001	0.0000000000	0.0980023128	0.9951861869	
11	0.0000000000E+000	1.7855171477E+001	7.5673881440E+001	0.0000000000	-0.0054004105	0.9999854177	
12	0.0000000000E+000	1.7545644932E+001	1.3298841935E+002	0.0000000000	-0.0054004105	0.9999854177	