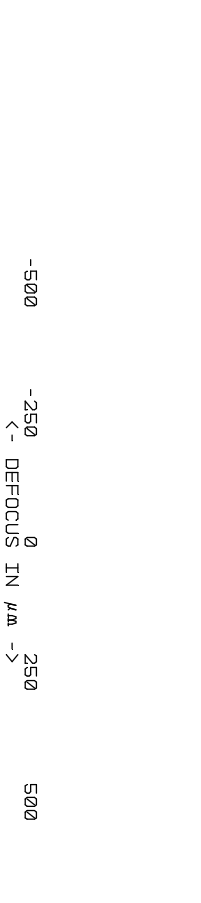
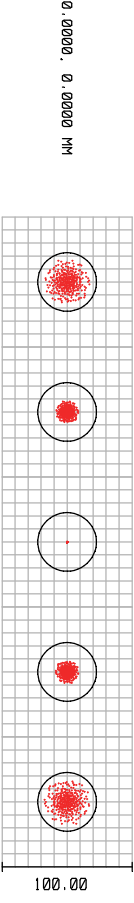


DATE : THU FEB 23 2017
FILE NAME : 72 SINGLE MODE FIBER GRIN LENS 750 HZ HIGHNA SEPARATELENS.ZMX
TITLE : 72 SINGLE MODE FIBER GRIN LENS 750 HZ HIGHNA SEPARATELENS
UNITS : MILLIMETERS
EFL : 1.69023 BFL : -6.24892
TOTAL TRACK : 8.9078
ELEMENT COUNT : 13.8995
WORKING F/# : 0
IMAGE HEIGHT : 0
ENTR PUP DIA : -1.63235
ENTR PUP POS : 0
FIELD TYPE : PARAXIAL IMAGE HEIGHT IN MILLIMETERS
X-VALUE Y-VALUE WEIGHT
1 0.000000 0.000000 1.000000
WAVELENGTHS IN μ m:
VALUE WEIGHT
1 1.330000 1.000000

COMMENTS:
80UM THORLABS FIBER, 0.18NA
STD GRINTECH 0.2NA
YMAX = 0.4 MM
ALPHA MAX = 7 DEG
TSNA = 0.036
AIR GAP = 0.5 MM + 2.5 MM
WD = 2.5 MM
EDV = 1.1 MM
DX = 16 UM
DOF = 1.4 MM

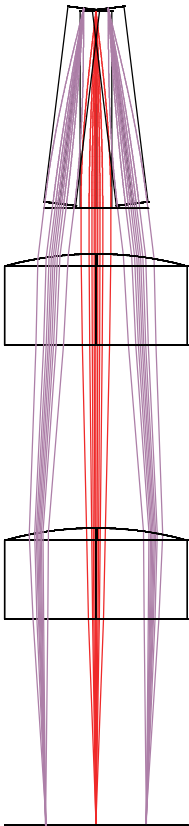


THROUGH FOCUS SPOT DIAGRAM

72 SINGLE MODE FIBER GRIN LENS 750 HZ HIGHNA SEPARATELENS
THU FEB 23 2017 UNITS ARE μ m. AIRY RADIUS : 22.55 μ m

RMS RADIUS : 0.047
CEO RADIUS : 0.168
SCALE BRK : 100

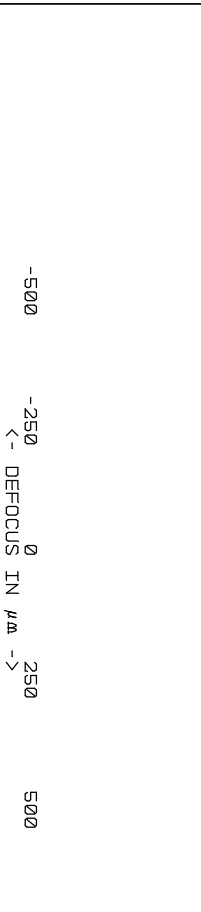
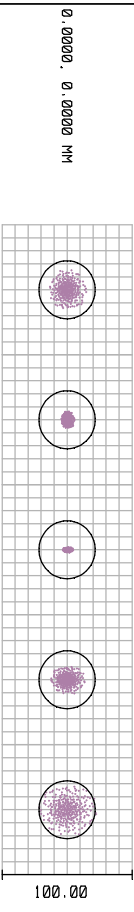
REFERENCE : CHIEF RAY



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3D LAYOUT

72 SINGLE MODE FIBER GRIN LENS 750 HZ HIGHNA SEPARATELENS
THU FEB 23 2017



THROUGH FOCUS SPOT DIAGRAM

72 SINGLE MODE FIBER GRIN LENS 750 HZ HIGHNA SEPARATELENS
THU FEB 23 2017 UNITS ARE μ m. AIRY RADIUS : 21.93 μ m

RMS RADIUS : 1.714
CEO RADIUS : 4.529
SCALE BRK : 100

REFERENCE : CHIEF RAY

72 SINGLE MODE FIBER GRIN LENS 750 HZ HIGHNA SEPARATELENS.ZMX
CONFIGURATIONS 1,2,3