

O p T a l i X - Pro 64-bit

Version 9.25

by OPTENSO
Optical Engineering Software
<http://www.optenso.com>
Support: info@optenso.com

License assigned to : FHNW 2017-29
License No. : 79103051
Upgrades valid through : 31.March 2018
Number of processors : 20

FILE = Proclearn spheric -2.00 Ferne.otx

29.Jul.2021 12:56

Wavelength : 0.54600
Weight : 1
REF = 1

XAN	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.00000					
YAN	0.00000	5.00000	10.00000	15.00000	20.00000	25.00000
	30.00000	-5.00000	-10.00000	-15.00000	-20.00000	-25.00000
	-30.00000					
FWGT	100	100	100	100	100	100
	100	100	100	100	100	100
	100					
FACT	1	1	1	1	1	1
	1	1	1	1	1	1
	1					

PIM = no
SYM = yes

#	TYPE	RADIUS	DISTANCE	GLASS	INDEX	APE-Y	AP	CP	DP	TP	MP	GLB
OBJ	S	Infinity	0.10000E+16		1.000000	0.00	C	0	0	0	0	0
1>	S	9.1200	0.10000	380500	1.381811	7.20	C	0	0	0	0	0
2	S	8.7000	0.01000	336500	1.337602	7.20	C	0	0	0	0	0
3	A	8.1000	0.50000	376500	1.377792	6.00	C	0	0	0	0	0
4	S	6.8000	3.10000	336500	1.337602	6.00	C	0	0	0	0	0
STO	S	Infinity	0.00000	336500	1.337602	2.30	C	0	0	0	0	0
6	S	10.0000	3.60000	409500	1.410950	5.90	C	0	0	0	0	0
7	A	-6.0000	20.36737	336500	1.337602	5.90	C	0	0	0	0	0
8	S	-11.0000	0.00000		1.000000	10.00	C	0	0	0	0	0
IMG	S	Infinity		336500	1.337602	10.00	C	0	0	0	0	0

SPECIAL SURFACE APERTURES :

#		APE_X	APE_Y	ADX	ADY	ARO	
5	1 on	2.3000	2.3000	0.0000	0.0000	0.0000	CIR transmit
	2 on	0.0000	0.0000	0.0000	0.0000	0.0000	CIR obstruct

ASPHERES:

#	Type	K	A	B	C	D
		KX	E	F	G	H
3	EVEN	-0.2500000000	0.00000000E+00	0.00000000E+00	0.00000000E+00	0.00000000E+00
		0.0000000000	0.00000000E+00	0.00000000E+00	0.00000000E+00	0.00000000E+00
#	Type	K	A	B	C	D
		KX	E	F	G	H
7	EVEN	-5.6057871000	0.00000000E+00	0.00000000E+00	0.00000000E+00	0.00000000E+00
		0.0000000000	0.00000000E+00	0.00000000E+00	0.00000000E+00	0.00000000E+00

FIRST ORDER DATA AT INFINITE CONJUGATES:

EFL	19.21764	SH1 (Princ.Plane 1)	12.93177
FNO	3.78060	SH2 (Princ.Plane 2)	-19.31170

FIRST ORDER DATA AT USED CONJUGATE:

MAG (Magnification)	0.00000	SEP (Entr.Pup.Loc.)	3.07969
NAO (Num.ape.object)	0.00000	EPD (Entr.Pup.Dia.)	5.08322
NA (Num.ape.image)	0.13225	APD (Exit Pup.Dia.)	10.50823

BFL	-0.09407	SAP (Exit Pup.Loc.)	-39.52768
DEF (Defocus)	0.09407	PRD pupil relay dist	-14.93000
IMD (Image distance)	0.00000	OAL (S1->Image)	27.67737
OID (Object->Image)	0.10000E+16	SYL (System Length)	27.67737