

1.MATERIAL: D-LAK6M
2.ASSUME 0.25 BK7 WINDOW FOR LASER DIODE
3.NOMINAL PARAMETERS:
WAVELENGTH:408 nm
NUMERICAL APERTURE:0.60
EFFECTIVE FOCAL LENGTH: 4.0mm
WORKING DISTANCE: 2.4mm

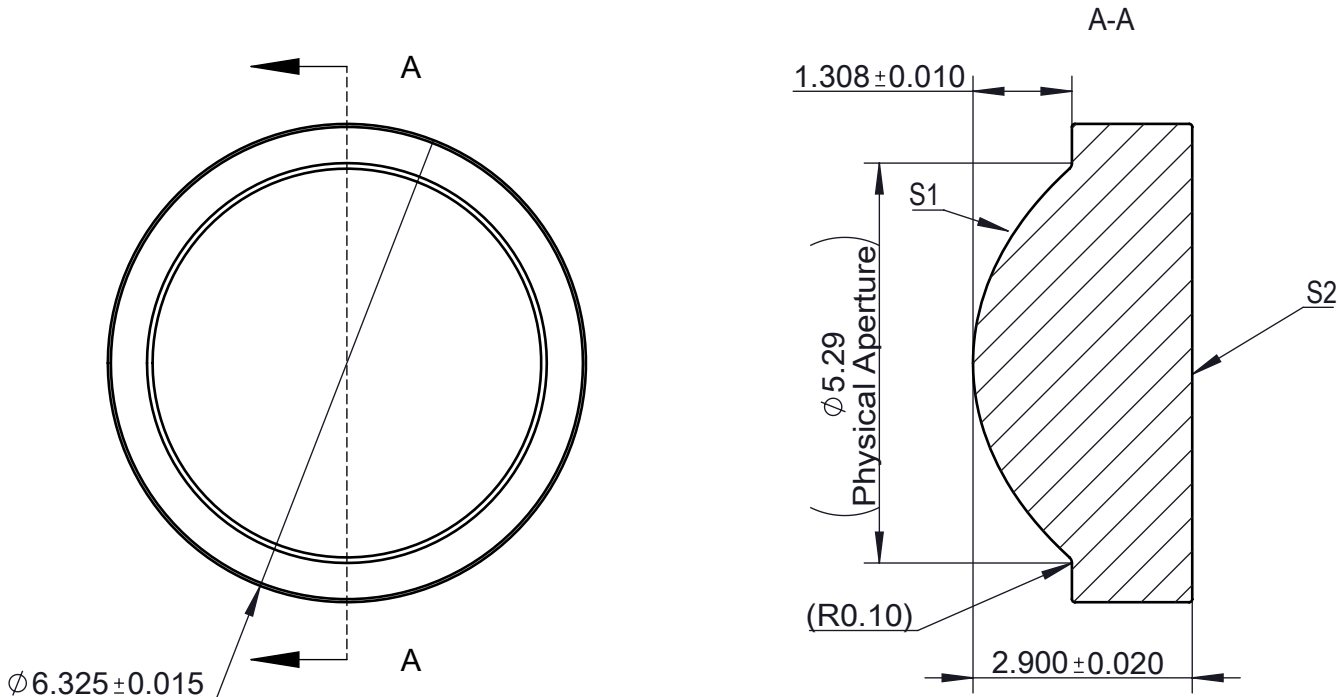
Notes :
1. Evenasphere Formula are defined by :
$$Z(r) = \frac{r^2 / R_c}{1 + \sqrt{1 - (1 + K) (r / R_c)^2}} + \sum_i A_{2i} r^{2i}$$

2. The coefficients are as below :

	S1	S2
R _c	2.859452	0.000000E+00
K	-0.999999	0.000000E+00
A ₂	0.000000E+00	0.000000E+00
A ₄	2.555011E-003	0.000000E+00
A ₆	3.958582E-005	0.000000E+00
A ₈	-2.135852E-008	0.000000E+00
A ₁₀	-1.867845E-007	0.000000E+00
A ₁₂	0.000000E0.0	0.000000E+00
A ₁₄	0.000000E0.0	0.000000E+00
A ₁₆	0.000000E0.0	0.000000E+00

3.REQUIREMENT

	S1	S2
Surface quality	S/D 40/20	
Clear Aperture	4.80mm	3.45mm
WFE	RMS<0.150λ,Coma<0.750 @633nm (NO window)	
Roughness	Ra<5nm	



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A	01	Initial	Clay	2021/7/8
Rev	ECO	Notes	Sign	Date

MATERIAL

D-LAK6M

UNLESS OTHERWISE SPECIFIED

Unit is MM.

DEFAULT TOLERANCE:

.X ±0.25

.XX ±0.10

.XXX ±0.025

Angles: ±0.5°



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图幅

单位

第一视角

A4

公制



LG4060UC-10

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第 1 张 共 1 张