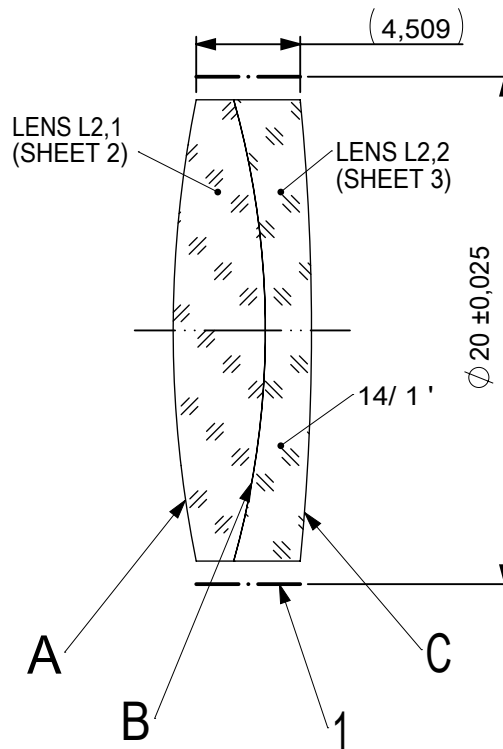
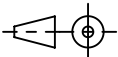
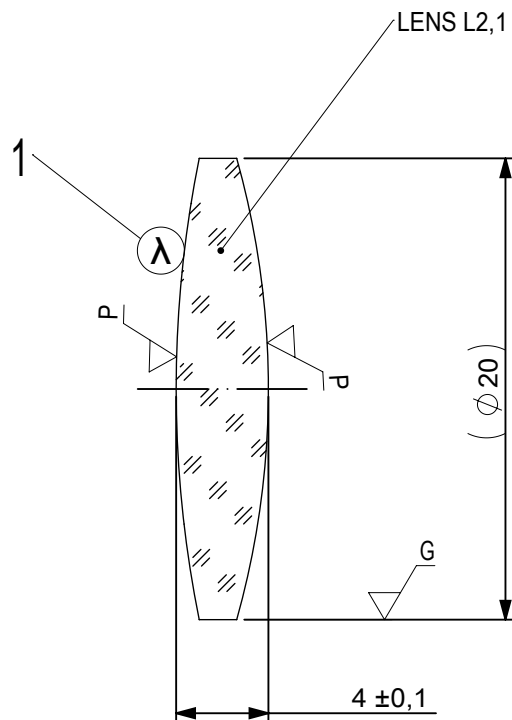




FOCAL LENGTH (EFL): 80 ±0,8  
BACK FOCAL LENGTH (BFL): 77,26

1 BLACKENED SURFACE

| SURFACE A                                                                             |                |             | SURFACE B                                                                           |                                                                                                               | SURFACE C        |                 |
|---------------------------------------------------------------------------------------|----------------|-------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------|-----------------|
| Øe 19                                                                                 |                |             | Øe 19                                                                               |                                                                                                               | Øe 19            |                 |
|                                                                                       |                |             | CEMENT: NOA 61 OR EQUIVALENT                                                        |                                                                                                               |                  |                 |
| PROTECTIVE CHAMFERS AS NEEDED                                                         |                |             | FIRST ANGLE<br>PROJECTION                                                           | <div> Edmund Optics®</div> |                  |                 |
| ROHS:<br>COMPLIANT                                                                    | SCALE:<br>NONE | λ = 587,6nm |                                                                                     |                                                                                                               |                  |                 |
| SPECIFICATIONS SUBJECT TO CHANGE WITHOUT<br>NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY |                |             |  | TITLE<br>20mm Dia, x 80mm FL, VIS 0, Inked,<br>Achromatic Lens                                                |                  |                 |
| FOR INFORMATION ONLY: DO NOT MANUFACTURE<br>PARTS TO THIS DRAWING                     |                |             |                                                                                     |                                                                                                               |                  |                 |
| INDICATIONS IN ACCORDANCE WITH ISO 10110                                              |                |             | ALL DIMS<br>IN:                                                                     | mm                                                                                                            | DWG NO           | 49946INK        |
|                                                                                       |                |             |                                                                                     |                                                                                                               | SHEET SIZE<br>A4 | SHEET<br>1 OF 3 |



- 1 AR COATING: VIS 0°  
R(AVG) ≤ 0,4% FROM 425-675nm @ 0° AOI

| LEFT SURFACE                                                                                     | MATERIAL            | RIGHT SURFACE                                                                                     |
|--------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------|
| R 50,49±0,05 CX<br>Øe 19<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - | GLASS N-BK7 517/642 | R 37,06±0,037 CX<br>Øe 19<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - |

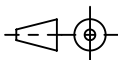
PROTECTIVE CHAMFERS AS NEEDED

ROHS:  
COMPLIANT

SCALE:  
NONE

λ = 587,6nm

FIRST ANGLE  
PROJECTION



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT  
NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY

FOR INFORMATION ONLY: DO NOT MANUFACTURE  
PARTS TO THIS DRAWING

INDICATIONS IN ACCORDANCE WITH ISO 10110

ALL DIMS  
IN:

mm



Edmund Optics®

TITLE

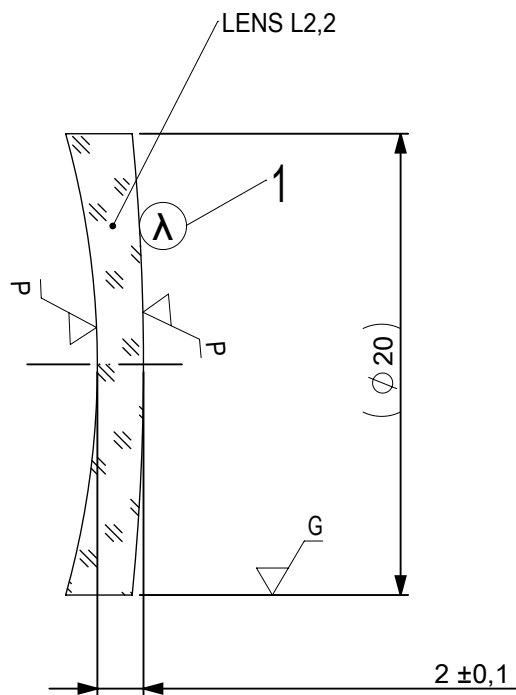
20mm Dia, x 80mm FL, VIS 0, Inked,  
Achromatic Lens

DWG NO

49946INK

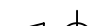
SHEET SIZE  
A4

SHEET  
2 OF 3



- 1 AR COATING: VIS 0°  
R(AVG) ≤ 0,4% FROM 425-675nm @ 0° AOI

| LEFT SURFACE                                                                                      | MATERIAL            | RIGHT SURFACE                                                                                      |
|---------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------|
| R 37,06±0,037 CV<br>Øe 19<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - | GLASS N-SF5 673/322 | R 102,19±0,102 CX<br>Øe 19<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - |

|                                                                                       |                |             |                                                                                                                  |  |                                                                                                    |  |                        |                      |
|---------------------------------------------------------------------------------------|----------------|-------------|------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------|--|------------------------|----------------------|
| PROTECTIVE CHAMFERS AS NEEDED                                                         |                |             | FIRST ANGLE<br>PROJECTION<br> |  |  Edmund Optics® |  |                        |                      |
| ROHS:<br>COMPLIANT                                                                    | SCALE:<br>NONE | λ = 587,6nm |                                                                                                                  |  | TITLE<br><br>20mm Dia, x 80mm FL, VIS 0, Inked,<br>Achromatic Lens                                 |  |                        |                      |
| SPECIFICATIONS SUBJECT TO CHANGE WITHOUT<br>NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY |                |             | ALL DIMS<br>IN: mm                                                                                               |  |                                                                                                    |  | DWG NO<br><br>49946INK | SHEET SIZE<br><br>A4 |
| FOR INFORMATION ONLY: DO NOT MANUFACTURE<br>PARTS TO THIS DRAWING                     |                |             |                                                                                                                  |  |                                                                                                    |  |                        |                      |
| INDICATIONS IN ACCORDANCE WITH ISO 10110                                              |                |             |                                                                                                                  |  |                                                                                                    |  |                        |                      |