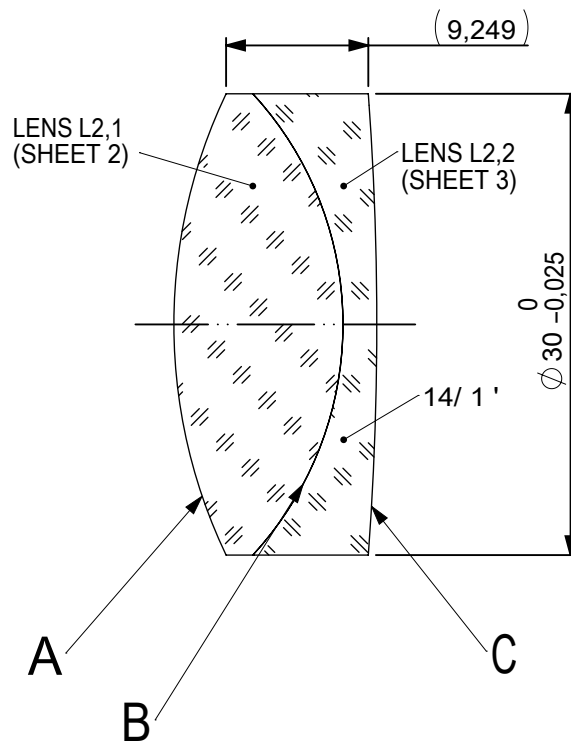
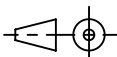
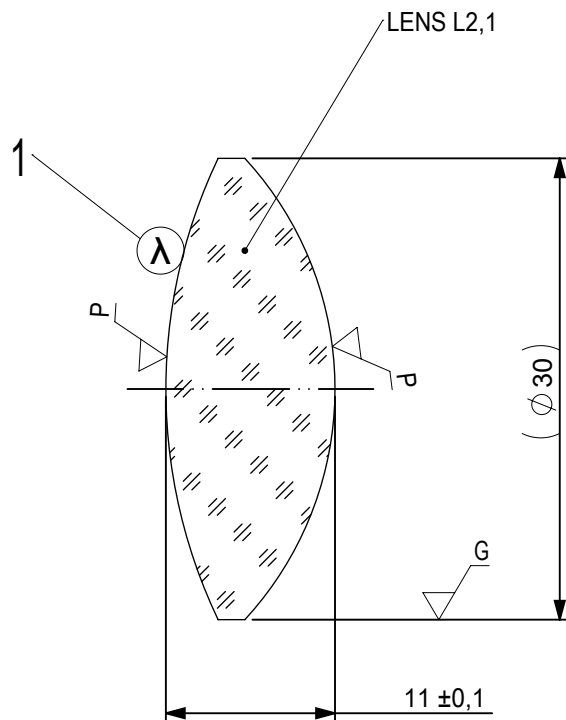




FOCAL LENGTH (EFL): 50 ±0,5  
BACK FOCAL LENGTH (BFL): 42,57

| SURFACE A                                                                             |                |             | SURFACE B                                                                           |                                                                                                               | SURFACE C |       |                  |                 |
|---------------------------------------------------------------------------------------|----------------|-------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------|-------|------------------|-----------------|
| Øe 29                                                                                 |                |             | Øe 29                                                                               |                                                                                                               | Øe 29     |       |                  |                 |
|                                                                                       |                |             | 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                                                                                                         |           |       |                  |                 |
| FOR INFORMATION ONLY: DO NOT MANUFACTURE<br>PARTS TO THIS DRAWING                     |                |             |                                                                                     | 30mm Dia, x 50mm FL, MgF2 Coated,<br>Achromatic Doublet Lens                                                  |           |       |                  |                 |
| INDICATIONS IN ACCORDANCE WITH ISO 10110                                              |                |             | ALL DIMS<br>IN:                                                                     | mm                                                                                                            | DWG NO    | 32496 | SHEET SIZE<br>A4 | SHEET<br>1 OF 3 |



# 1 AR COATING:

$\frac{1}{4}$  WAVE MgF2 @ 550nm  
R(AVG) < 1,75% FROM 400-700nm (N-BK7)

| LEFT SURFACE                                                                                               | MATERIAL              | RIGHT SURFACE                                                                                              |
|------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------|
| R 34,81±0,035 CX<br>Øe 29<br>3/ 3 (0,5) $\lambda$ =632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - | GLASS N-BaF10 670/472 | R 22,12±0,022 CX<br>Øe 29<br>3/ 3 (0,5) $\lambda$ =632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - |

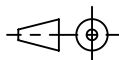
PROTECTIVE CHAMFERS AS NEEDED

ROHS:  
COMPLIANT

SCALE:  
NONE

$\lambda = 587,6\text{nm}$

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

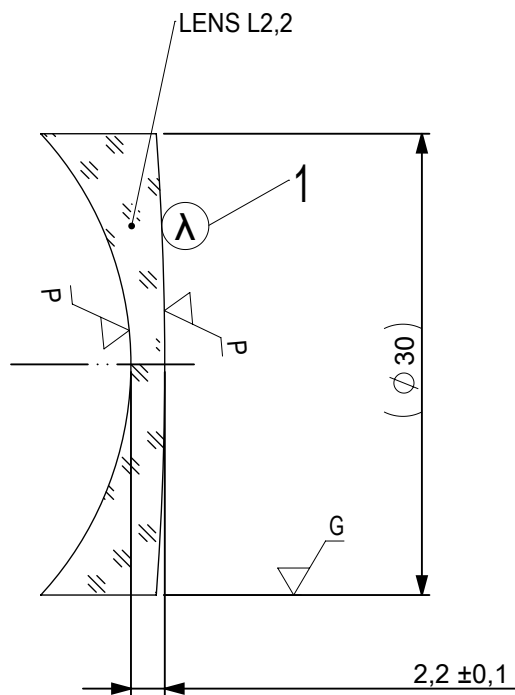
30mm Dia, x 50mm FL, MgF2 Coated,  
Achromatic Doublet Lens

DWG NO

32496

SHEET SIZE  
A4

SHEET  
2 OF 3



# 1 AR COATING:

1/4 WAVE MgF2 @ 550nm  
R(AVG) < 1,75% FROM 400-700nm (N-BK7)

| LEFT SURFACE                                                                                      | MATERIAL             | RIGHT SURFACE                                                                                      |
|---------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------|
| R 22,12±0,022 CV<br>Øe 29<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - | GLASS N-SF10 728/284 | R 203,48±0,203 CX<br>Øe 29<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>30mm Dia, x 50mm FL, MgF2 Coated,<br>Achromatic Doublet Lens                          |  |                     |                  |
| SPECIFICATIONS SUBJECT TO CHANGE WITHOUT<br>NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY |                |             | ALL DIMS<br>IN: mm                                                                                               |  |                                                                                                    |  | DWG NO<br><br>32496 | SHEET SIZE<br>A4 |
| FOR INFORMATION ONLY: DO NOT MANUFACTURE<br>PARTS TO THIS DRAWING                     |                |             |                                                                                                                  |  |                                                                                                    |  |                     |                  |
| INDICATIONS IN ACCORDANCE WITH ISO 10110                                              |                |             |                                                                                                                  |  |                                                                                                    |  |                     |                  |