## NOTES:

- 1. SUBSTRATE: N-SF11
- 2. ROHS COMPLIANT
- 3. CENTERING TOLERANCE (AT 587.6nm): BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
- 4. COATING (APPLY ACROSS CLEAR APERTURE)

\$1&\$2: Rabs <0.25% @ 1550nm

5. FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

7. FOCAL LENGTH (EFL): 40.00 mm±1% BACK FOCAL LENGTH (BFL): 35.13 mm

- 8. PROTECTIVE BEVEL AS NEEDED
- 9. DESIGN WAVELENGTH: 587.6nm

## $\emptyset$ 40.000 $^{0.000}_{-0.025}$

8.70±0.10 -S1

## FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

|                 | S1                  | \$2                 |
|-----------------|---------------------|---------------------|
| SHAPE           | CONVEX              | PLANO               |
| RADIUS          | 31.39               | INFINITY            |
| SURFACE QUALITY | 40-20               | 40-20               |
| CLEAR APERTURE  | Ø39.00              | Ø39.00              |
| BEVEL           | PROTECTED AS NEEDED | PROTECTED AS NEEDED |

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|   | THIRD ANGLE PROJECTION | $\phi \Box$ | TITLE  | 40.0mm Dia. x 40.0mm FL, 1550nm V-C<br>Plano-Convex Lens | Coat, |
|---|------------------------|-------------|--------|--|-------|
| _ | ALL DIMS IN            | mm          | DWG NO | 24174  | SHEET |

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