NOTES

1. Begin by creating a full lens blank with center thickness 0.199, curvature radius 8.295, and semi-diameter greater than or equal to 1.673.

2. Remaining features may be produced by milling the lens blank.

3. Anodize black.

Bill of Material

<table>
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<tr>
<th>ITEM</th>
<th>QTY</th>
<th>DESCRIPTION</th>
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<tr>
<td>R8.295</td>
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<td>CURVATURE CENTER</td>
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<tr>
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<td>0.074</td>
<td>R0.900</td>
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<tr>
<td>0.324</td>
<td>0.074</td>
<td>R0.125</td>
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<tr>
<td>0.324</td>
<td>0.074</td>
<td>R1.673 TYP 2 PLACES</td>
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<tr>
<td>0.200</td>
<td>0.074</td>
<td>Ø0.375 THRU</td>
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<tr>
<td>0.125</td>
<td>0.070 THRU</td>
<td>Ø0.070 THRU</td>
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<tr>
<td>0.199</td>
<td>0.125</td>
<td>Ø0.125 ¥ 0.060 2 HOLES</td>
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</tbody>
</table>

THE OBSERVATORIES
OF THE CARNEGIE INSTITUTION OF WASHINGTON
813 Santa Barbara Street
Pasadena, CA 91101

MATERIAL
Aluminum-6061

UNLESS OTHERWISE SPECIFIED
FRACTIONAL DECIMAL ANGULAR
+/- 1/32 .XX +/- .01 +/- .1 DEG
.XXX +/- .002 GOAL
.XXX +/- .005 REQD

BREAK SHARP EDGES MACHINED SURFACES 125
ALL DIMENSIONS IN INCHES

SCALE
2:1

P lanet F inder S pectrograph
PFS6A Lens Axial Support

EST WEIGHT
0.08 oz

2/27/2007

SHEET DRAWING NUMBER REV
A PFS06006 SHT 1 OF 1