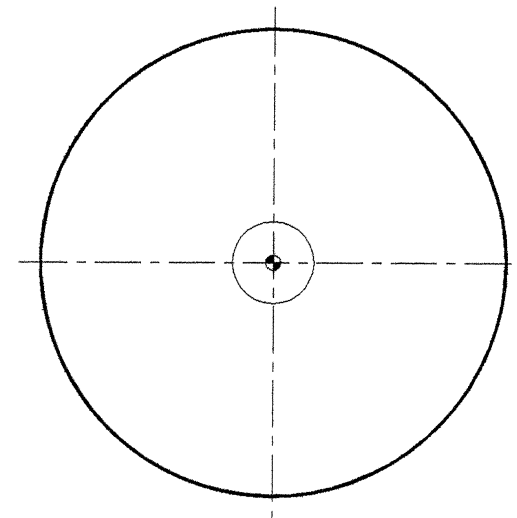
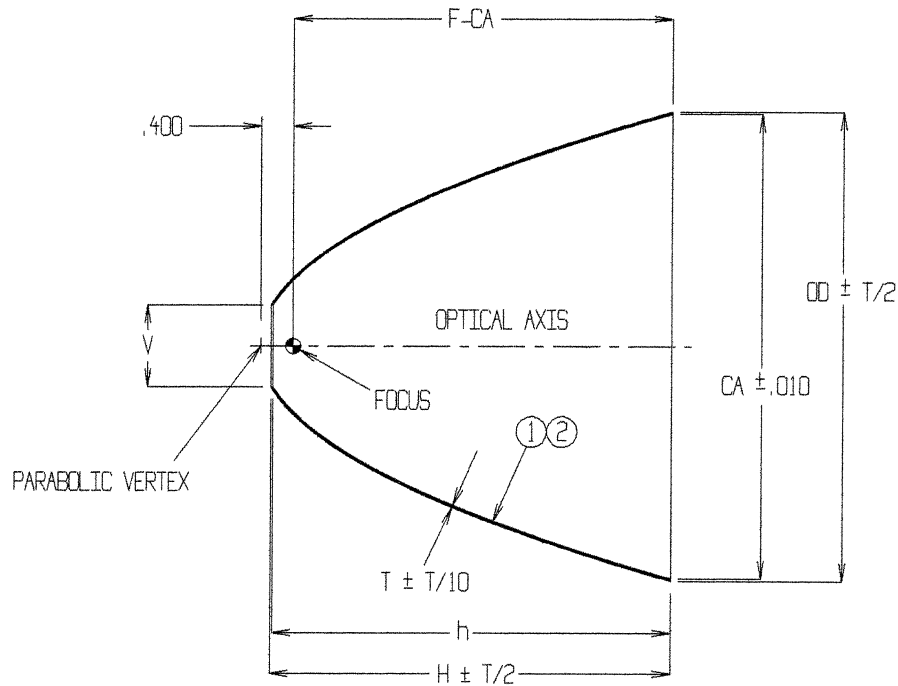


ALL CONCEPTS CONTAINED WITHIN THIS DRAWING ARE PROPRIETARY TO PHOENIX ELECTROFORMED PRODUCTS, INC.  
AND MAY NOT BE CONVEYED TO THIRD PARTIES WITHOUT WRITTEN CONSENT

| REVISIONS |     |             |      |
|-----------|-----|-------------|------|
| ZONE      | REV | DESCRIPTION | DATE |
|           |     |             |      |



|     |       |       |       |       |       |      |       |
|-----|-------|-------|-------|-------|-------|------|-------|
| .12 | .512  | 3.114 | 3.150 | 1.491 | 1.474 | .016 | 1.115 |
| .11 | .875  | 3.289 | 3.345 | 1.599 | 1.571 | .025 | 1.290 |
| .10 | .375  | 3.124 | 3.180 | 1.528 | 1.503 | .025 | 1.125 |
| .09 | .500  | 3.850 | 3.904 | 2.303 | 2.277 | .025 | 1.916 |
| .08 | .625  | 3.460 | 3.515 | 1.836 | 1.809 | .025 | 1.470 |
| .07 | .375  | 3.579 | 3.634 | 2.005 | 1.979 | .025 | 1.601 |
| .06 | .875  | 3.500 | 3.555 | 1.823 | 1.794 | .025 | 1.514 |
| .05 | 1.000 | 5.677 | 5.729 | 4.909 | 4.879 | .025 | 4.636 |
| .04 | .875  | 4.900 | 4.953 | 3.660 | 3.632 | .025 | 3.352 |
| .03 | .625  | 4.900 | 4.953 | 3.717 | 3.691 | .025 | 3.352 |
| .02 | .375  | 4.750 | 4.803 | 3.529 | 3.503 | .025 | 3.125 |
| .01 | .470  | 4.725 | 4.778 | 3.480 | 3.454 | .025 | 3.088 |
| #   | V     | CA    | OD    | H     | h     | T    | F-CA  |

- ① SURFACE FINISH 80-50 SCRATCH-DIG PER MIL-D-13830A  
 ② AVAILABLE REFLECTIVE ENHANCEMENT COATINGS:  
 AU ELECTRO-DEPOSITED GOLD  
 AF VACUUM DEPOSITED ALUMINUM / MAGNESIUM FLUORIDE (MgF<sub>2</sub>) OVERCOAT  
 AQ VACUUM DEPOSITED ALUMINUM / QUARTZ (SiO<sub>2</sub>) OVERCOAT  
 RH ELECTRO-DEPOSITED BRIGHT RHODIUM

PARABOLIC EQUATION  

$$Y^2 = 4FX \quad F = .400$$

|                                                                                                                                                           |  |                                     |  |                                                |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------|--|------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ARE:<br>FINISHES: .0015 .001 .0005<br>DECIMALS: .001 .0005<br>ANGLES: .1° .05° .025° |  | INTERNAL<br>ELECTROFORMED<br>NICKEL |  | <b>PHOENIX</b><br>ELECTROFORMED PRODUCTS, INC. |  |
| FINISH: 63/<br>UNLESS OTHERWISE SPECIFIED                                                                                                                 |  | CONTRACT NO.                        |  | TITLE: PARABOLIC REFLECTOR<br>PA2              |  |
| DD NOT SCALE DRAWING                                                                                                                                      |  | APPROVALS: LB<br>DATE: 2-13-2008    |  | SIZE: CASE CODE: DWG NO: PA2<br>SCALE: SHEET:  |  |