**Lenses**

|  |  |  |
| --- | --- | --- |
| *Description* |  |  |
| *ref. index* |  |  |
| *surf. R* |  |  |
| *Thickness* |  |  |
| *Ap. Diameter* |  |  |

**Conjugates**

|  |  |  |
| --- | --- | --- |
| *Name* |  |  |
| *object distance* |  |  |
| *object height* |  |  |
| *image distance* |  |  |
| *image height* |  |  |
| *Mag* |  |  |

***Rays***

|  |  |  |
| --- | --- | --- |
| *#* |  |  |
| *angle* |  |  |
| *height* |  |  |
| *position* |  |  |

***Summary***

*Object space ref. index*

*Image space ref. index*

*Equivalent power*

*Front vertex power*

*Back vertex power*

*System length (V2)*

***Cardinal Points***

*Focal Point*

*Principal Point*

*Nodal Point*

***Pupils***

*Entrance Position*

*Exit Position*

*Pupil Magnification*

**System**

*A*

*B*

*C*

*D*