



### Natural Rings



Sun Ring: 24 hours/rot (CW).



Moon Ring: 8 phases and c.29 days/rot (CW).



Sunset/rise indicators (dynamic).



Astrolabe: window 24 hours/rot (CW).  
starfield precesses with equinox c.9417404 days/rot (CCW).

### Calendrical Rings

Century Ring: c.3652421 days/rot (CW).

Year Ring: c.36524 days/rot (CCW).