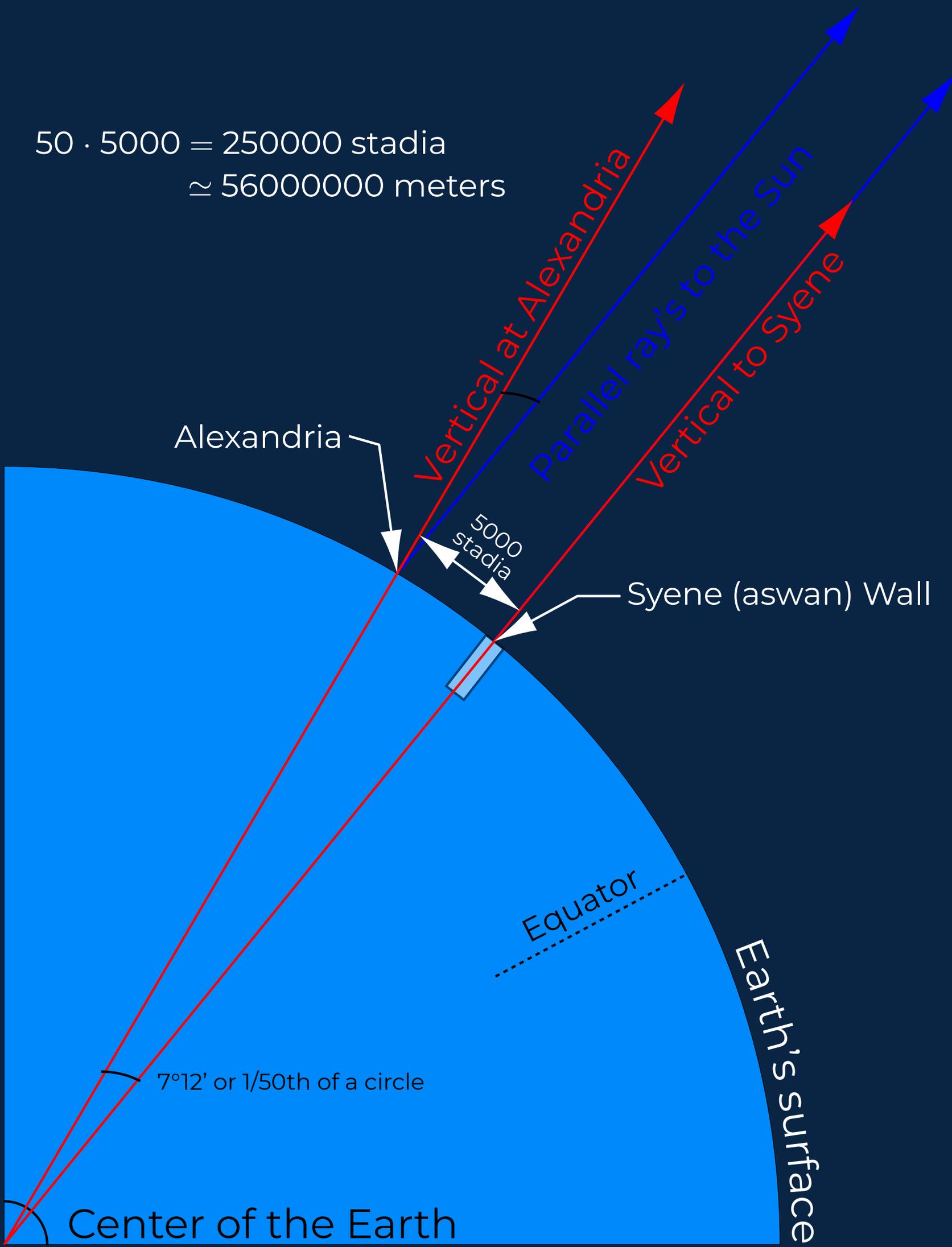


Eratosthenes method for determining the size of the Earth

$50 \cdot 5000 = 250000$ stadia
 ≈ 56000000 meters



Alexandria

Vertical at Alexandria

Parallel rays to the Sun

Vertical to Syene

5000 stadia

Syene (aswan) Wall

Equator

Earth's surface

7°12' or 1/50th of a circle

Center of the Earth