




$$L = D \tan \theta = 10 \text{ cm}$$

~~$$\theta = \arctan\left(\frac{L}{D}\right)$$~~

$$\theta = 15^\circ \rightarrow \boxed{D \approx 37 \text{ cm}}$$

max angular
range

distance between
2 opposite scintillators

 wood
 detector
 alignment
 lines
 (not real)

