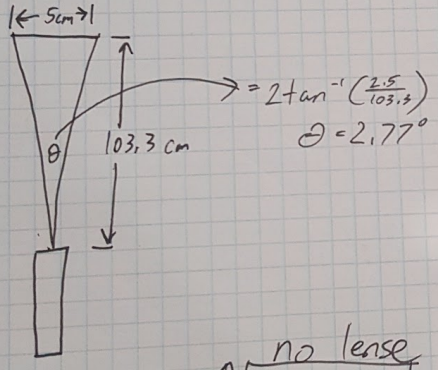
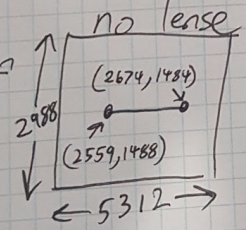
Theoretical combined focal length: $23.2 + 10.2\,cm = 33.4\,cm$
Experimental focal length: 36.2 cm

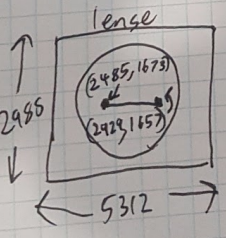
~~Cone of Vision~~ saw 5 cm taken at 103.3 cm



Magnification



$\sqrt{115^2 + 4^2} = 115.069$ pixels



$\sqrt{444^2 + 16^2} = 444.28$

$M = \frac{y'}{y} = \frac{444.28}{115.069} = 3.86\,|x$