

Room obscuras

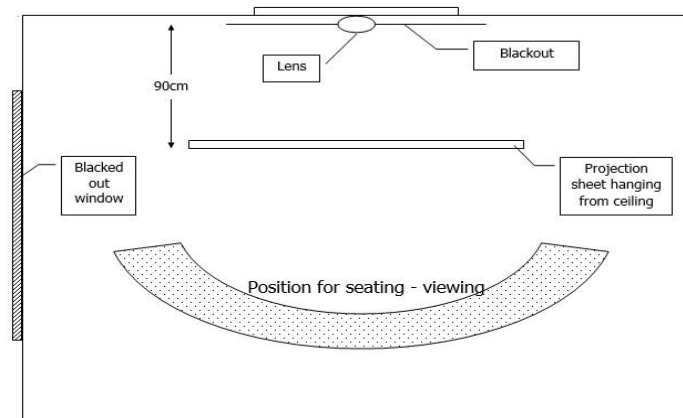
An excellent Eclipse viewer obscura for individuals to view the eclipse can be found on the [‘Eclipse experimentation’ page](#), however the chance to view an eclipse as Aristotle did 2400 years ago is too good an opportunity to miss so here are two tried and tested obscuras which can provide wonder at eclipse, and non-eclipse times.

Both require a room to be totally blacked out, not just dark. If you have lots of windows, give up. If however you have one window or just a few, there are several easy ways you can black out a room. Instructions for which can be found [here](#)

The first room obscura projects a bright image, potentially to a whole class and uses:

- A lens from a cheap pair of +1 reading glasses
- A cheap shower curtain from a supermarket.

Plan View of lens room obscura set up.



The second obscura uses a hole and records the inverted image projected on the walls of the room using the time exposure setting of a DSLR camera. The image won't be easily visible to the human eye unless you get close to the hole with a sheet of tracing paper etc.



Hole based obscura image

Further information on creating both of these obscuras [can be found here](#). Two further obscura artists who deserve a giant mention are [Aberlado Morrell](#) and [Marja Pirila](#)