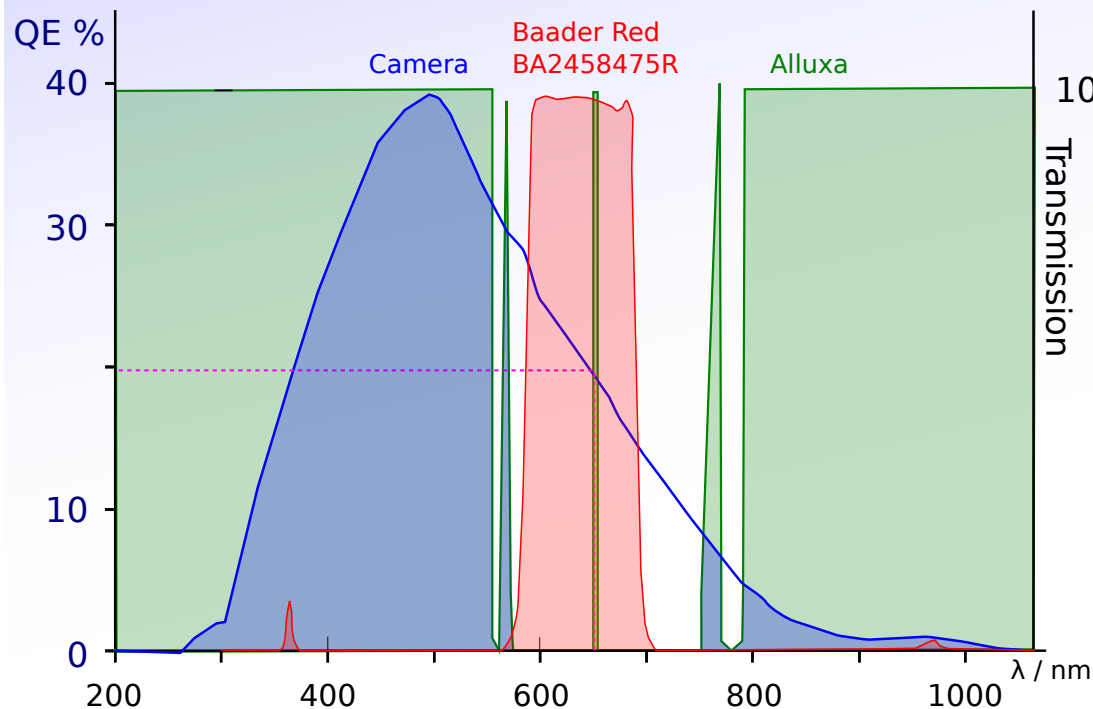




Infrared / UV Filters

Alluxa filter blocks to OD4 from 400nm to 700nm (according to spec).

Camera sensitivity is:



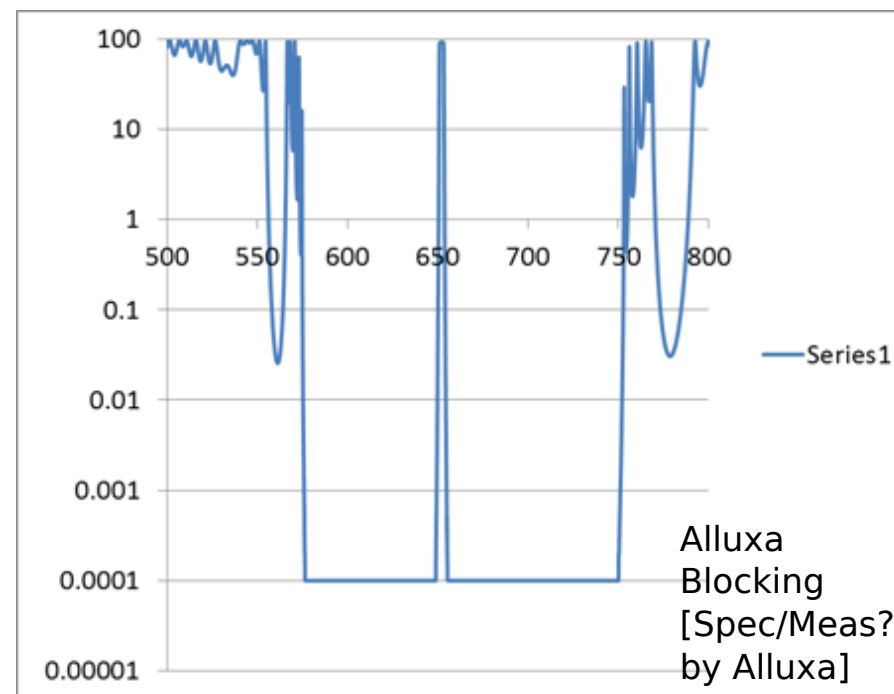
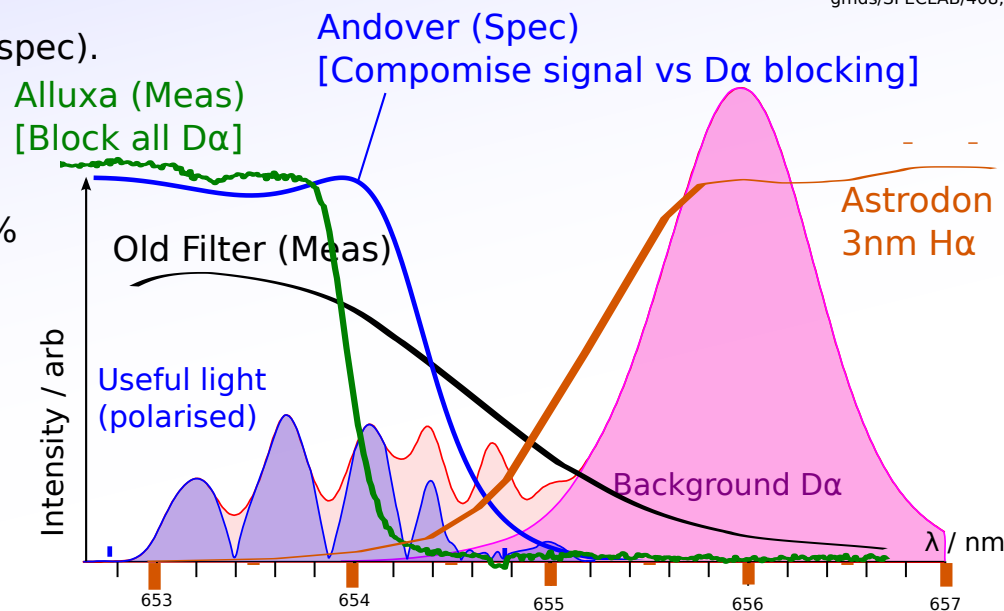
Alluxa filter doesn't block IR.

Temporarily put Omega filter in too (which does) but need to find something else to block 700-1100nm (and in principle 200-400nm, although that might already be done by the glass)

I don't yet know that there is any IR coming up the MSE optics that needs to be blocked, this was just to be safe since there wasn't much operational time left (April2013)

Need an IR filter to block 750 - 1100nm and UV 250 - 580nm

Baader Red 2" BA2458475R Astronomy filter gets almost everything, only a few blips in the UV missing, and possibly a blip at 980nm, but that could be noise on spec. - needs lab test.



An alternative would be CVI Melles Griot F40-650.0-4-50.0M but is only 50% Tpeak gaurenteed.