

It's very hard to illuminate the flatfield screen uniformly. That said, we imagine a hybrid process of dome flats and a small number of skyflats, though we like to use skyflats alone ourselves. But in the limit of lots of clouds, dome flats might save your data. We cannot give you a recipe but note that various IRAF help files and websites describe a hybrid procedure.

The same computer rack has "flat field lamp controller" with a choice between regular halogens and special UV-bright lamps. The UV lamps take a while to reach their desired temperature, and are NOT DIM-able. the Halogens are DIM-able by a slider switch on the wall near the LN2 vessel for 90prime.

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