

## Available Filters

- UBVRI Cousins/Bessel
  - U: UG1(1mm) BG40(3mm) Peak-360nm FWHM-70nm
  - B: GG385(2mm) BG12(1mm) BG39(1mm) Peak-440nm FWHM-100nm
  - V: GG495(2mm) BG39(2mm) Peak-550nm FWHM-90nm
  - R: OG570(2mm) KG3(2mm) Peak-700nm FWHM-220nm
  - I: RG9(4mm) Peak-880nm FWHM-240nm (interference filter so there's a many-layer coating that defines the passband)
- SDSS set, u', g', r', i' z' (courtesy X. Fan).
- Two H-alpha filters (courtesy Rob Kennicutt).
  - For each filter there are two transmission curve - one tested for a beam at normal incidence and the other one for a beam at ~10 degrees.
  - Note from Janice Lee in 2006: "My rough estimate is  $3e-17$  ergs/cm<sup>2</sup>/s in an hour for a 5-sigma point source detection."
- Washington C, M, DDO51 (courtesy Edward Olszewski)

It is also possible to borrow NOAO's 5.75-inch Mosaic filters. It requires asking for permission (and hoping no NOAO users want them) and NOAO staff and Bill Wood making the exchange. You must fill out a "how will I replace these if they get ruined" form from NOAO.

We DO have 5.75 inch holders (made for the Windhorst set).

## Tracings

For filter tracings, see this library [http://mogit.as.arizona.edu/90prime\\_files/Documents/filters/](http://mogit.as.arizona.edu/90prime_files/Documents/filters/).

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Last update: **2019/05/23 12:48**

