1   DECAM Information

From the DECam Imager Handbook:
 DECam has a three square degree field of view (2.2 degrees wide). It images

Table 2.1: DECam Characteristics	
Effective Area of CCD Focal Plane	3.0 square degrees
Optical Corrector Field Diameter	2.2 degrees
Pixel scale @center/edge of FoV (arcsec/unbinned pixel)	0.2637 / 0.2626
Image CCD pixel format/total # pixels	2K x 4K/520 Mpix
Telescope focal ratio	F3.0

Figure 1: DECam Characteristics

at a resolution of 0.263 arcseconds per pixel. In particular, 0.2637 arcsec/pixel (center), 0.2626 arcsec/pixel (edge). 0.2637/0.2626 (arcsec/unbinned pixel). S Large focal plane array with a close to circular array of 62 CCDs and a total of 520 million pixels.
CCD Array Characteristics:
Array Dimensions: Axis 1: 2048 pixels Axis 2: 4096 pixels
Pixel Size: 15 µm
   We are looking to use **resampled** images that have a zero-point associated with them. In the astro data archive, this corresponds to files with the process type $(\text{proc}_t ype) of resampled, and the presence of the \texttt{MAGZERO} and/or \texttt{MAGZPT} fields.$

   `MAGZERO data field:  The (astronomical) magnitude corresponding to a single photon count in the image.  This is located in the `*`Extension`*` headers of the FITS files, present in Level 2 data products (single, reduced exposures).  (From the DECam data handbook)`

2   Declination Range of the 2.3m Telescope
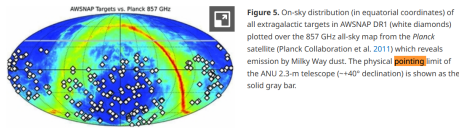
`Physical Pointing Limit of the 2.3m`

Figure 2: Enter Caption

3   link dump

```
github repo
   source extractor tutorial
```

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Figure 3: DECam Characteristics

3.1   DECam

```
NOIRLab astro data archive
   data archive query example notebook
   DES project data access
   DECam imager data handbook
   NOIRLab DECam information page (has more links)
   DES Data Management
   2.3m projects
```