

Microensing Search for Exoplanets

Advice to imagers

To obtain the best approximation to Gaia magnitudes;

1) Use a Sloan r' filter

or

2) Use a Cousins R filter but ensure target is above 20 degrees altitude

or

3) If imaging unfiltered ensure target is above 45 degrees altitude

and

4) Use Gaia DR2 data for obtaining magnitudes of comparison stars -

<https://www.cosmos.esa.int/web/gaia/data-release-2>

If using Astrometrica select;

1) Filter r', R (Cousins) or Clear/None depending on filter used

2) Color Band G

3) Star Catalog Gaia DR2

New alerts

Gaia21brx

Region; Northern hemisphere

RA 05 11 3.6, Dec +24 25 44

Quiescent (Gaia) magnitude; 18.0

Time between observations; 2.0 days

Gaia alerts link (includes data and finder chart)

<http://gsaweb.ast.cam.ac.uk/alerts/alert/Gaia21brx/>

Previously notified alerts for which observations are still required

Gaia21dnc

Region; Northern hemisphere, Southern hemisphere

RA 21 38 10.8, Dec +26 28 00

Quiescent (Gaia) magnitude; 15.5

Time between observations; 1.0 day

Gaia alerts link (includes data and finder chart)

<http://gsaweb.ast.cam.ac.uk/alerts/alert/Gaia21dnc/>

Observations are no longer required for;

Gaia21auw

Gaia21azb

Gaia21bfr

Gaia21btu

Gaia21bvg

Gaia21bzs

Gaia21cki

Gaia21ckj

Gaia20dft

Gaia21dup

Gaia21dws

Please send observations to Roger Dymock. Data required;

Observing site

Observer, name

Photometric software

Photometric Catalogue used

Catalogue magnitude band

Date and time (JD) e.g., 59403.391447

Target e.g., Gaia21bfr

Filter used

Magnitude

Error

Data from [BHTOM](#) and [Gaia Photometric Alerts](#) websites

Alerts can be viewed at <https://britastro.org/node/25935>