

NGC 7635 – 10/12/2012

Telescopio o obiettivo di acquisizione (Imaging telescope or lens): Newton SkyWatcher BlackDiamond 150 mm f/5

Camera di acquisizione (Imaging camera): CCD Atik 314L+ B/W [6.45 μm]

Montatura (Mount): SkyWatcher NEQ6

Telescopio o obiettivo di guida (Guiding telescope or lens): Rifrattore ED (ED refractor) Tecnosky Carbon Fiber 80mm f/7

Camera di guida (Guiding camera): Magzero MZ-5m B/W [5.2 μm]

Riduttore di focale (Focal reducer): non presente (not present)

Software (Software): IRIS + Adobe Photoshop CS3/CS6

Accessori (Accessories): correttore di coma Baader MPCC (coma corrector)

Filtri (Filter): Astronomik CCD H α 13nm, Astronomik CCD RGB

Risoluzione (Resolution): 1391 x 1039 (originale/original), 1291 x 951 (finale/final)

Data (Date): 06-10/12/2012

Luogo (Location): Briosco – MB, Italia (Italy)

Pose (Frames): 5 x 900 sec bin 1x1 H α (06/12/2012) a/at -17.0°C, 6 x 480 sec bin 1x1 R (10/12/2012) a/at -14.9°C, 4 x 480 sec bin 1x1 G (10/12/2012) a/at -14.9°C, 4 x 480 sec bin 1x1 B (10/12/2012) a/at -14.9°C.

Calibrazione (Calibration): 5 x 900 sec dark H α (06/12/2012), 9 x 480 sec dark RGB (10/12/2012), 50 bias H α (06/12/2012), 50 bias RGB (10/12/2012), 50 flat H α (06/12/2012), 50 flat R

(10/12/2012), 50 flat G (10/12/2012), 50 flat B (10/12/2012)

Fase lunare media (Average Moon phase): 42% (06/12/2012), 6% (10/12/2012)

Campionamento (Pixel scale): 660 sec / 374.66 pixel = 1.7616 arcsec/pixel

Focale equivalente (Equivalent focal length): 750 mm

Note (note): LRGB (H α RGB)



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