



**NGC 281 - PacMan Nebula**

Date: 27.09.2011

Ambient conditions: 10°C, transparency 5/5, seeing 4/5,

Location: Trier, Germany

**Equipment:**

Telescope: Deltagraph 300mm f/3.3

Mount: GM2000QCI

Guiding: TMB 92 SS f/5.5 with ATIK 16 IC-S

Camera: SXVF-M25C

Filter: IDAS LPS

**Acquisition:**

## NGC281\_2011-09-27

Written by Admilson Pinto

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Software: MaximDL 5

FOV, Image scale: 62.5 x 54.8 arcmin, 1.62 arcs/pixel

Sub-exposures: 3.5 hours (21 x 10min) lights

Calibration frames: 50 x 10s EL flats. Masterbias

### Processing:

MaximDL 5: Calibration, SDMask stacking, split L R G B channels

CS5: Curves and levels adjustments on single channels, merge of LRGB image, noise reduction with Carbonis Actions

### Comments:

The processing technique with the synthetical luminance permitted much better control of background noise and color.

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