



IC 1805 – Heart Nebula

Date/time:

26.09.2009 23:05 to 27.09.2009 03:15

27.09.2009 23:55 to 28.09.2009 03:10

Az./Alt. positions:

45° / 51° to 15° / 77°

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Thursday, 29 January 2009 00:00 - Last Updated Tuesday, 06 October 2009 11:03

47° / 57° to 15° / 77°

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

Location: Trier, Germany

Equipment:

Optics: TMB 130 SS f/7 with TSFlat 2

Mount: CGE

Guiding: selfguiding with ST-4000XCM

Camera: SBIG ST-4000XCM

Filter: IDAS LPS

Acquisition:

Software: Maxim DL 5

FOV, Image scale: 57.2 x 57.2 arcmin, 1.68 arcs/pixel

Sub-exposures: 6h 15min (25 x 15min) lights at -25°C with dithering,

100 x 15min @-25°C dark frames,

40 x 0.1s + 40 x 0.2s EL flats,

100 bias for flats calibration

Processing:

Images plus 3.75: Calibration, Sig Avg stacking

CS3: Curves and levels, Match color, Surface blur,

Carbonis Actions, GradientXterminator,

Noiseware Professional

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