

ObservationReport

ObservationID

0094

on

2017-09-21 22:02

all measures in mm



Object	M8
Common Name	Lagoon Nebula
Alternate Name (s)	NGC6523
Visual Magnitude	6
Distance ► Object	4.100 ly
Apparent Size	80 x 40'
Object R.A.	18h 03m 37s
Object DEC	-24° 23' 12"
WikiLink	https://en.wikipedia.org/wiki/Lagoon_Nebula



20170921_M8_FUJXT1_0094-01WM.jpg

Link ► Picture	M8_20170921
Description	Emission Nebula
Constellation	Sagittarius

Picture Data

Work Status	Published	Rating	*****
Source Format	Photo	Picture Center R.A.	
Tot./Act. Frames/Pane	1 1	Picture Center DEC	
H / V Panes	1 1	H/V FoV [°]	2,9909 1,9773
Exp. [s] / Frame	30	Above horizon [°]	0
Total Time / Pane [min]	0,50 0,50	View Direction	N

Camera Data

Camera Data	FUJIFILM	FUJXT1	FUJXT1
Camera Angle [°]	0	Pixel Pitch [µm]	4,8265552520752
Gain or ISO	6400	Camera Temp. °C	0

Observation Site

Observation Start	2017-09-21T22:02:18 UTC+/- +h	Observation End	2017-09-21T22:09:19
Observation Site	ES LP - Llanos de Jable	Site Elevation /Bortle	1350 1
Province	La Palma	Site Coordinates	28° 37' 02.3" N, 017° 50' 5

Sky & Moon

Sky Index Total Clouds	5,0	%	Moon Rise Set
Outside Temp. °C	20		Moon Age [d]
Moon Phase % Illum.	New	0	%
			Moon ►Target Dist.

Optical Configuration

Optical Configuration	AG452FUXT1	AG452FUJXT1	
Lens or Scope	Agustin	Focuser	-
Type Of Build	APO Refractor	Focuser Position [mm]	EAF Steps 0
Brand	Unknown	Optical Factor	1
Additional Optics	-	FoL norm actual [mm]	452 452
Filter	-	DawesLimitLink	2,31 Arcsec
Diameter [mm]	90	Optical Scale ["/px]	2,203
Aperture / f-stop	5,02		

Other Hardware & Software

GuideScope	NONE	Mount	iOptron iEQ45 Pro
GuiderHW		SessionControl	
GuiderSW		PostProcessingSW	LrC

More ...

Work Folder	2017\20170921_M8_0094_Llanos-de-Jable
Comment	
Remarks	This single image of the Trifid and Lagoon nebula shows the very good sky quality that can be expected from this observation point on La Palma. The image has NOT been post-processed!