

ObservationReport

ObservationID

0090

on

2017-09-18 22:06

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



20170918_M8_FUJXT1_0090-01WM.jpg

Link ► Picture	M8_20170918
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

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

Observation Site

Observation Start	2017-09-18T22:06:40 UTC+/- +h	Observation End	2017-09-18T22:06:40
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]	27,3
Moon Phase % Illum.	New 0	%	Moon ►Target Dist.	UNKNOWN

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	ASiAirPro	SessionControl	ASiAirPro
GuiderSW	NONE	PostProcessingSW	LrC, PS

More ...

Work Folder	2017\20170918_M8_0090_Llanos-de-Jable
Comment	
Remarks	This one shot picture demonstrates the extremely excellent sky condition on La Palma. Telescope and mount was rented on the island.