

ObservationReport

all measures in mm

ObservationID

0151

on

2022-10-16 21:05

Object	M17
Common Name	Omega Nebula, Swan Nebula, Hors
Alternate Name (s)	
Visual Magnitude	6
Distance ► Object	4.000 - 6.000 ly
Apparent Size	11'
Object R.A.	18h 20m 26s
Object DEC	-16° 10' 36"
WikiLink	https://en.wikipedia.org/wiki/Omega_Nebula



20221016_M17_ASI294_0151-03WM.jpg

Link ► Picture	M17_20221016
Description	Emission and reflection ne
Constellation	Sagittarius

Picture Data

Work Status	Published	Quality	***
Source Format	Photo	Picture Center R.A.	18h 20m 56.332s
Tot./Act. Frames/Pane	10 10	Picture Center DEC	-16° 14' 11.647"
H / V Panes	1 1	H/V FoV [°]	1,8268 1,2434
Exp. [s] / Frame	180	Above horizon [°]	0
Total Time / Pane [min]	30,00 30,00	View Direction	N

Camera Data

ZWO	ASI294MC-Pro	ZWOASI294	
Camera Angle [°]	90,6	Pixel Pitch [µm]	4,63
Gain or ISO	120	Camera Temp. °C	-10

Observation Site

Observation Start	2022-10-16T21:05:01 UTC+/- +h	Observation End	2022-10-16T21:30:36
Observation Site	ES LP - Casa Rosabel	Site Elevation /Bortle	700 1
Province	La Palma	Site Coordinates	28° 41' 16"N, 17° 56' 39"

Sky & Moon

Sky Index Total Clouds	2,8	%	Moon Rise Set	00:36:00 14:24:00
Outside Temp. °C	16		Moon Age [d]	22,8
Moon Phase % Illum.	4th quarter 59	%	Moon ► Target Dist.	UNKNOWN

Optical Configuration

TS600AS294	TS600ASI294T252		
Lens or Scope	TSO APO 90/600	Focuser	M90 TS600 Rack + Pinion
Type Of Build	APO Triplet Refractor	Focuser Position [mm]	0,00 EAF Steps 0
Brand	TS-Optics	Optical Factor	1
Additional Optics	M63 WO Rotator	FoL norm actual [mm]	599
Filter	-	DawesLimitLink	1,74 Arcsec
Diameter [mm]	90	Optical Scale ["/px]	1,595
Aperture / f-stop	6,66		

Other Hardware & Software

GuideScope	Omegon 50/200	Mount	EQ6R-PRO
GuiderHW	ASiAirPro	SessionControl	ASiAirPro
GuiderSW	ASiAirPro	PostProcessingSW	PixInsight

More ...

Work Folder	2022\20221016_M17_0151_Casa-Rosabel
Comment	
Remarks	