

ObservationReport

ObservationID

0242

on

2023-03-28 11:19

all measures in mm



Object	SOL
Common Name	Sun
Alternate Name (s)	Sonne, Sun
Visual Magnitude	0
Distance ► Object	
Apparent Size	32.3'
Object R.A.	
Object DEC	
WikiLink	https://en.wikipedia.org/wiki/Sun



20230328_SOL_ASI294_0242-02WM.jpg

Link ► Picture [SOL_20230328](#)
 Description
 Constellation

Picture Data

Work Status	Published	Quality	***
Source Format	Video	Picture Center R.A.	
Tot./Act. Frames/Pane	3 3	Picture Center DEC	
H / V Panes	640 480	H/V FoV [°]	1169,1557 596,8475
Exp. [s] / Frame	1/1,33333333333333	Above horizon [°]	0
Total Time / Pane [min]	11.520,00 0,04	View Direction	N

Camera Data

Camera Data	ZWO Optical	ASI294MC-Pro	ZWOASI294
Camera Angle [°]	0	Pixel Pitch [µm]	4,63
Gain or ISO	120	Camera Temp. °C	-10

Observation Site

Observation Start	2023-03-28T11:19:46 UTC+/- +1h	Observation End	2023-03-28T11:19:46
Observation Site	DE Lochow	Site Elevation /Bortle	28 4
Province	Havelland	Site Coordinates	52°41'09.9"N 12°26'49.1"

Sky & Moon

Sky Index Total Clouds	2,0	%	Moon Rise Set	10:08:00 03:22:00
Outside Temp. °C	7		Moon Age [d]	0
Moon Phase % Illum.	1st quarter 0	%	Moon ►Target Dist.	UNKNOWN

Optical Configuration

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]	59,07 EAF Steps 20368
Brand	TS-Optics	Optical Factor	1
Additional Optics	M63 WO Rotator	FoL norm actual [mm]	599 599
Filter	Astrozap Solar	DawesLimitLink	1,74 Arcsec
Diameter [mm]	90	Optical Scale ["/px]	1,595
Aperture / f-stop	6,66		

Other Hardware & Software

GuideScope	ZWO 30/120 mini	Mount	iOptron iEQ45 Pro
GuiderHW	ASiAirPro	SessionControl	ASiAirPro
GuiderSW	ASiAir App	PostProcessingSW	ThumbsPlus, ASIIRStacking

More ...

Work Folder	2023\20230328_SOL_0242_Lochow
Comment	
Remarks	[ZWO ASI294MC Pro] Bin = 1 Capture Area Size = 640 * 480

Colour Format = RAW8
Exposure = 0.00075 Sec
Flip = None
Gain = 0
StartX = 1752
StartY = 1168
Temperature = 11.9 C
Bayer = RG
White Balance (B) = 54
White Balance (R) = 52
Duration=3 Sec

EAF position: 20368