

ObservationReport

ObservationID

242

on 2023-03-28 11:19

Object

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

SOL



20230328-111946_SOL_ZWOASI294_0001-01-1Z_480x1Z.jpg

Link ► Picture

[SOL_20230328](#)

Description

Constellation

Picture Data

Work Status	PostProcessed	Quality	***
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	1/1,3333333333333333	Above horizon [°]	0
Total Time / Pane [min]	11.520,00 0,04	View Direction	N

Camera Data

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

Observation Data

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"E

Sky & Moon

Sky Quality	1,96	Outside Temp. °C	1
Seeing Index 1	2	Seeing Index 2	1
Moon Phase	UNKNOWN	Moon Age [d]	0
Moon Percent %	0	Distance ► Target	UNKNOWN
MoonRise		MoonSet	

Optical Config.

	TS600AS294	TS600AS294E100T78	
Lens or Scope	TS600	FocalLength [mm]	599
Type Of Build	APO Triplet Refractor	Diameter [mm]	90
Brand	TS-Optics	Aperture / f-stop	6,66
Additional Optics	M63 WO Rotator	DawesLimitLink	1,74 Arcsec
Filter	Astrozap Solar	Optical Scale ["/px]	1,595
Focuser	TS600 Rack + Pinion	EAF Position	20368
Focuser Position	63,13		

Other Hardware & Software

GuideScope	ZWO120	Mount	iOptron iEQ45 Pro
GuiderHW	ASiAirPro	SessionControl	ASiAirPro
GuiderSW	ASiAir App	PostProcessingSW	ASiAirPro Stacking

More ...

Work Folder [2023\20230328-111946_SOL_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