

ObservationReport

ObservationID

0187

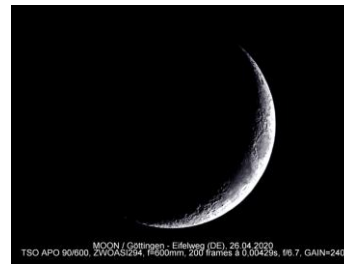
on

2020-04-26 20:23

all measures in mm



Object	LUNA
Common Name	
Alternate Name (s)	Moon, Mond
Visual Magnitude	-10,3
Distance ► Object	394200 km
Apparent Size	30.3'
Object R.A.	n.a.
Object DEC	n.a.
WikiLink	https://en.wikipedia.org/wiki/Moon



20200426_LUNA_ASI294_0187-02WM.jpg

Link ► Picture	LUNA_20200426
Description	Earth Moon
Constellation	Solar System

Picture Data

Work Status	Published	Rating	****
Source Format	Video	Picture Center R.A.	
Tot./Act. Frames/Pane	90 5400	Picture Center DEC	
H / V Panes	4144 2822	H/V FoV [°]	7570,2833 3508,9657
Exp. [s] / Frame	1/233,100233100233	Above horizon [°]	0
Total Time / Pane [min]	4.515.195,48 0,39	View Direction	N

Camera Data

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

Observation Site

Observation Start	2020-04-26T20:23:31 UTC+/- +1h	Observation End	2020-04-26T20:30:20
Observation Site	DE Göttingen Eifelweg	Site Elevation /Bortle	140 5
Province	NDS	Site Coordinates	51° 31' 43" N, 9° 54' 14,9"

Sky & Moon

Sky Index Total Clouds	UNKNOWN	%	Moon Rise Set	
Outside Temp. °C	UNKNOWN		Moon Age [d]	0
Moon Phase % Illum.	UNKNOWN	0 %	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]	599 599
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	iOptron iEQ45 Pro
GuiderHW	ASiAirPro	SessionControl	ASiAirPro
GuiderSW	ASiAir App	PostProcessingSW	PIPP, LrC

More ...

Work Folder	2020\20200426_LUNA_0187_GOE-Eifelweg
Comment	
Remarks	AVI video file pre-processed with PIPP

[ZWO ASI294MC Pro(ASI294)]
Debayer Preview=On

Pan=0
Tilt=0
Output Format=AVI files (*.avi)
Binning=1
Capture Area=4144x2822
Colour Space=RAW8
High Speed Mode=Off
Turbo USB=40
Flip=None
Frame Rate Limit=Maximum
Gain=240
Exposure=0,004285
Timestamp Frames=Off
White Bal (B)=96
White Bal (R)=47
Brightness=30
Temperature=20,4
Cooler Power=0
Target Temperature=25
Cooler=Off
Auto Exp Max Gain=285
Auto Exp Max Exp M S=30000
Auto Exp Target Brightness=100
Mono Bin=Off
Banding Threshold=35
Banding Suppression=0
Apply Flat=None
Subtract Dark=None
#Black Point
Display Black Point=0
#MidTone Point
Display MidTone Point=0,5
#White Point
Display White Point=1
TimeStamp=2020-04-26T19:19:20.7787774Z
SharpCapVersion=3.2.6248.0