

ObservationReport

ObservationID

0365

on

2025-03-04 22:18

all measures in mm



Object	LUNA
Common Name	Moon, Mond
Alternate Name (s)	
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



20250304_LUNA_ASI2600_0365-01WM.jpg

Link ► Picture	LUNA_20250304
Description	Earth Moon
Constellation	Solar System

Image Properties

Work Status	PostProcessed	Rating	****
Source Format	Video	Picture Center R.A.	
Tot./Act. Frames/Pane	21 630	Picture Center DEC	
H / V Panes	1920 1080	FoV measured H/V [°]	2,247542835 1,50165650
Exp. [s] / Frame	1/200	Above horizon [°]	0
Total Time / Pane [min]	108.864,00 0,05	View Direction	N
Camera Data	ZWO Optical	ASI2600MCAir	ZWOASI2600
Camera Angle [°]	0	Pixel Pitch [µm]	3,761
Gain or ISO	158	Camera Temp. °C	-10

Observation Site

Observation Start	2025-03-04T22:18:35 UTC+/- +1h	Observation End	2025-03-04T22:18:55
Observation Site	DE Göttingen MBR	Site Elevation / Bortle	182 4
Province	NDS	Site Coordinates	51° 34' N, 9° 56' E

Sky & Moon

Sky Index Total Clouds	2,8 15 %	Moon Rise Set	08:06:00 23:17:00
Outside Temp. °C	-2	Moon Age [d]	2
Moon Phase % Illum.	1st quarter 11 %	Moon ► Target Dist.	UNKNOWN

Optical Configuration

TS600ASI2600i	TS600ASI2600T281		
Lens or Scope	TSO APO 90/600	Focuser	M90 TS600 Rack + Pinion
Type Of Build	APO Triplet Refractor	Focuser Position [mm]	29,98 EAF Steps 10335
Brand	TS-Optics	Optical Factor	1
Additional Optics	M63 WO Rotator	FoL norm actual [mm]	599 599
Filter	Optolong 2" L-eNhanche	DawesLimitLink	1,74 Arcsec
Diameter [mm]	90	Optical Scale ["/px]	1,295
Aperture / f-stop	6,66		

Other Hardware & Software

GuideScope	ASI2600 Guide Sensor	Mount	ZWO AM3
GuiderHW	ASIAIR Pro	SessionControl	ASIAIR Pro
GuiderSW	ASiAir App	PostProcessingSW	ASISudio

More ...

Work Folder	2025\20250304_LUNA_0365_GOE-MBR
Comment	
Remarks	[ZWO ASI2600MC Air] Bin = 1 Capture Area Size = 1920 * 1080 Colour Format = RAW8

Exposure = 0.05 Sec
Flip = None
Gain = 158
StartX = 2164
StartY = 1548
Temperature = 8.6 C
Bayer = RG
Debayer Type = RGGB
White Balance (B) = 90
White Balance (R) = 99
Duration=21 Sec