

# ObservationReport

ObservationID

24

on 2021-10-24 20:24

<b>Object</b>	NGC7023
CommonName	Iris Nebula
Alternate	C4, LBN487
Description	Intermediate spiral galaxy
Constellation	Camelopardali
Visual Magnitude	6,8
Apparent Size	21.9 × 12.3 arcmin
Distance ► Object	9,56 Mly
RA-Coordinates	07h 36m 51.4s
DEC-Coordinates	+65° 36' 09"
WikiLink	<a href="https://en.wikipedia.org/wiki/NGC_2403">https://en.wikipedia.org/wiki/NGC_2403</a>



20211024\_NGC7023\_ZWOASI294\_0003.jpg

Work Status	Published
Link ► Picture	<a href="#">NGC7023_20211024</a>
Quality	****
Format:	Photo
Horizontal FoV [°]	0,6739
Vertical FoV [°]	0,4586
View Direction	N338° 51'
Above horizon [°]	71,5°

<b>Observation Start</b>	2021-10-24T20:24:06	UTC +1h	Observation End	2021-10-24T22:57:50
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<b>Observation Site</b>	Göttingen MBR	Country Code	DE
Province	NDS	Elevation	182
Site Coordinates	51° 34' N, 9° 56' E	Bortle Index	5

<b>Sky Quality</b>	1,35	Outside Temp. °C	3
Seeing Index 1	4	Seeing Index 2	2

<b>Moon Phase</b>	3rd quarter	Moon Age [d]	17,3
Moon Percent %	87	Distance ► Target	77°
MoonRise	19:51:00	MoonSet	13:09:00

<b>Camera</b>	ASI294MC PRO	Gain or ISO	120
Camera Angle	357,75	Camera Temp. °C	-10
Pixel Pitch [µm]	4,63		

<b>Total Exposures</b>	37	Exposure Time [s]	180
ActiveFrames	33	Total Time [min]	99

<b>Optical Config.</b>	Config218N	FocalLength [mm]	1624
Short Descript.	TSO RC 203/1624	Diameter [mm]	203
Type Of Build	Ritchey-Chretien Reflector	Aperture / f-stop	8,00
Brand	TS-Optics	<a href="#">DawesLimitLink</a>	<a href="#">1,45 Arcsec</a>
Additional Optics	100mm Extender	Optical Scale ["/px]	0,588
Filter	NONE		

GuideScope	Microspeed 50/200	Mount	iOptron iEQ45 Pro
PostProcessingSW	PixInsight, Photoshop	GuiderHW	ASiAirPro
GuiderSW	NONE	SessionControl	ASiAirPro

Work Folder [F:\FotosLibrary\ Astro\2021 Astro\NGC7023\20211024](#)

Remarks Göttingen, Germany. some light haze , seeing index > 1.33, bright moonlight and haze covered most areas of the photo (moon at 87%)