

ObservationReport

ObservationID

0221

on

2019-08-22 22:59

all measures in mm



Object	NGC7023
Common Name	Iris Nebula
Alternate Name (s)	C4, LBN487
Visual Magnitude	6,8
Distance ► Object	9,56 Mly
Apparent Size	21.9 × 12.3'
Object R.A.	07h 36m 51.4s
Object DEC	+65° 36' 09"
WikiLink	https://en.wikipedia.org/wiki/NGC_2403



20190822_NGC7023_FUJXT3_0221-02WM.jpg

Link ► Picture	NGC7023_20190822
Description	Intermediate spiral galaxy
Constellation	Camelopardali

Picture Data

Work Status	Published	Rating	***
Source Format	Photo	Picture Center R.A.	
Tot./Act. Frames/Pane	7	Picture Center DEC	
H / V Panes	1	H/V FoV [°]	2,6924 1,7875
Exp. [s] / Frame	120	Above horizon [°]	0
Total Time / Pane [min]	14,00	View Direction	N

Camera Data

Camera Data	FUJIFILM	FUJXT3	FUJXT3
Camera Angle [°]	0	Pixel Pitch [µm]	3,74
Gain or ISO	1600	Camera Temp. °C	0

Observation Site

Observation Start	2019-08-22T22:59:01 UTC+/- +1h	Observation End	2019-08-22T23:48:28
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

Optical Configuration	BR500XT3	BR500FUJXT3	
Lens or Scope	Bresser AR90/500	Focuser	-
Type Of Build	APO Refractor	Focuser Position [mm]	EAF Steps 0
Brand	Bresser	Optical Factor	1
Additional Optics	-	FoL norm actual [mm]	500 500
Filter	-	DawesLimitLink	2.09 Arcsec
Diameter [mm]	90	Optical Scale ["/px]	1,543
Aperture / f-stop	5,56		

Other Hardware & Software

GuideScope	Omegon 50/200	Mount	iOptron iEQ45 Pro
GuiderHW	Laptop	SessionControl	SGPro
GuiderSW	SGPro	PostProcessingSW	LrC, PixInsight

More ...

Work Folder	2019\20190822_NGC7023_0221_GOE-Eifelweg
Comment	
Remarks	