

ObservationReport

ObservationID

0225

on

2019-09-21 21:38

all measures in mm



Object	IC1396
Common Name	Elephant's Trunk Nebula
Alternate Name (s)	
Visual Magnitude	9,48
Distance ► Object	2.400 ly
Apparent Size	170x140 arcmin
Object R.A.	21h 36m 41,0395s
Object DEC	+57° 30' 08,260"
WikiLink	https://en.wikipedia.org/wiki/Elephant%27s_Trunk_Nebula



20190921_IC1396_FUJXT3_0225-01WM.jpg

Link ► Picture	IC1396_20190921
Description	Emission Nebula
Constellation	Cepheus

Picture Data

Work Status	Published	Rating	****		
Source Format	Photo	Picture Center R.A.			
Tot./Act. Frames/Pane	15	15	Picture Center DEC		
H / V Panes	1	1	H/V FoV [°]	2,6924	1,7875
Exp. [s] / Frame	240	Above horizon [°]	0		
Total Time / Pane [min]	60,00	60,00	View Direction	N	

Camera Data

FUJIFILM	FUJXT3	FUJXT3	
Camera Angle [°]	0	Pixel Pitch [µm]	3,74
Gain or ISO	1600	Camera Temp. °C	15

Observation Site

Observation Start	2019-09-21T21:38:03 UTC+/- +1h	Observation End	2019-09-21T22:52:31
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

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\20190921_IC1396_0225_GOE-Eifelweg
Comment	
Remarks	21.09.2019 21:47:49 ----- 21.09.2019 21:47:49 Initializing exposure session 21.09.2019 21:47:49 Object : ElephantTrunk 21.09.2019 21:47:49 Scheduled session start : 21:17

21.09.2019 21:47:49 Planned # of exposures : 20
21.09.2019 21:47:49 Planned exposure time/frame: 240
21.09.2019 21:47:49 NR activated : No
21.09.2019 21:47:49 -----
21.09.2019 21:47:49 Starting exposure session
21.09.2019 21:51:49 Frame # 1 - FUXT0001 captured, exposure time: 240 [s]
21.09.2019 21:56:09 Frame # 2 - FUXT0002 captured, exposure time: 240 [s]
21.09.2019 22:00:29 Frame # 3 - FUXT0003 captured, exposure time: 240 [s]
21.09.2019 22:04:49 Frame # 4 - FUXT0004 captured, exposure time: 240 [s]
21.09.2019 22:09:09 Frame # 5 - FUXT0005 captured, exposure time: 240 [s]
21.09.2019 22:13:30 Frame # 6 - FUXT0006 captured, exposure time: 240 [s]
21.09.2019 22:17:50 Frame # 7 - FUXT0007 captured, exposure time: 240 [s]
21.09.2019 22:22:10 Frame # 8 - FUXT0008 captured, exposure time: 240 [s]
21.09.2019 22:26:30 Frame # 9 - FUXT0009 captured, exposure time: 240 [s]
21.09.2019 22:30:50 Frame # 10 - FUXT0010 captured, exposure time: 240 [s]
21.09.2019 22:35:10 Frame # 11 - FUXT0011 captured, exposure time: 240 [s]
21.09.2019 22:39:30 Frame # 12 - FUXT0012 captured, exposure time: 240 [s]
21.09.2019 22:43:50 Frame # 13 - FUXT0013 captured, exposure time: 240 [s]
21.09.2019 22:48:10 Frame # 14 - FUXT0014 captured, exposure time: 240 [s]
21.09.2019 22:52:31 Frame # 15 - FUXT0015 captured, exposure time: 240 [s]
21.09.2019 22:55:48 Shutter Control stopped by user