

ObservationReport

ObservationID

0419

on

2026-01-20 19:19

all measures in mm



Main Object	IC1795
Common Name	Fish Head Nebula
Alternate Name	NGC896
Visual Mag. Size	0,00 3.1' x 3.1'
Distance	13 kly
Object R.A. DEC coord.	02hr 25' 44" 62° 06' 13"
Description	Emission Nebula
Constellation	Cassiopeia
Other Objects	



20260120_IC1795_ASI294_0419-01WM.jpg

StarImage Link	OID0419
Telescopius Link	https://telescopius.com/ic-
Wikipedia Link	https://en.wikipedia.org/wi

Image Properties

Work Status	Published	Rating	****
Source Format	Photo	Picture Center R.A.	02h 27m 00.704s
Tot./Act. Frames/Pane	45 37	Picture Center DEC	+62 05 56.01
H / V Panes	1 1	FoV measured H/V [°]	40' 31.6" 27' 27.0"
Exp. [s] / Frame	180	Above horizon [°]	0
Total Time / Pane [min]	111,00 111,00	View Direction	N
Camera Data	ZWO Optical	ASI294MC Pro	ZWOASI294
Camera Angle [°]	-92,5728	Pixel Pitch [µm]	4,630
Gain or ISO	120	Camera Temp. °C	-10

Observation Site

Observation Start	2026-01-20T19:19:00 UTC+/- +1h	Observation End	2026-01-20T21:38:35
Observation Site	DE Göttingen Weende	Site Elevation / Bortle	182 4
Province	NDS	Site Coordinates	51° 34' N, 9° 56' E

Sky & Moon

Sky Index Total Clouds	2,8 0 %	Moon Rise Set	09:18:00 18:42:00
SQM Outside Temp. °C	0 -2	Moon Age [d]	2
Moon Phase % Illum.	1st quarter 5 %	Moon ► Target Dist.	UNKNOWN

Optical Configuration

Lens or Scope	TSO RC 203/1624c	Mechanical Focuser	M90 TS1624 Rack Pinion Focus		
Type Of Build	Ritchey-Chretien Reflector	Electronic Focuser	☒		
Brand	TS-Optics	Focuser Position Steps	1924	[mm]	6,34
Additional Optics	M63 WO Rotator	▶ Optical Factor	1		
Filter	Optolong 2" L-eNhance	FoL norm actual [mm]	1609	1609	
Diameter [mm]	203	DawesLimitLink	<u>1,46 Arcsec</u>		
Aperture / f-stop	7,93	Optical Scale ["/px]	0,594		

Other Hardware & Software

GuideScope	ZWO 30/120 mini	Mount	iOptron iEQ45 Pro
GuiderHW	ASIAIR	SessionControl	ASIAIR
GuiderSW	ASIAIR	PostProcessingSW	PI-PixInsight, PI-WBPP, GraXpert, BlurXTerminator, PI-SPCC, StarXTerminator, PI-MAS

More ...

Work Folder	2026\20260120_IC1795_0419_WEENDE
Comment	Fish Head Nebula (IC1795)
Remarks	Test of repaired ZWO ASI194 MC PRO Color

