

ObservationReport

ObservationID

0399

on

2025-08-24 21:41

all measures in mm



Main Object	IC5070
Common Name	Pelican Nebula
Alternate Name	LBN350
Visual Mag. Size	8,00 80 x 70 armin
Distance	1800 ly
Object R.A. DEC coord.	20h 51m 00s +44° 24' 17.0"
Description	Bright Nebula
Constellation	Cygnus
Other Objects	



20250824_IC5070_ASI2600_0399-01WM.jpg

StarImage Link [OID0399](#)

Telescopius Link

Wikipedia Link <https://en.wikipedia.org/wi>

Image Properties

Work Status	Published	Rating	****
Source Format	Photo	Picture Center R.A.	20 51 38.757
Tot./Act. Frames/Pane	49 36	Picture Center DEC	+44 25 45.99
H / V Panes	1 1	FoV measured H/V [°]	50.1 33.5
Exp. [s] / Frame	180	Above horizon [°]	80°
Total Time / Pane [min]	108,00 108,00	View Direction	SE 129°
Camera Data	ZWO Optical	ASI2600MCAir	ZWOASI2600
Camera Angle [°]	199,6	Pixel Pitch [µm]	3,761
Gain or ISO	100	Camera Temp. °C	-10

Observation Site

Observation Start	2025-08-24T21:41:42 UTC+/- +1h	Observation End	2025-08-25T00:43:33
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 12 %	Moon Rise Set	08:46:00 20:58:00
SQM Outside Temp. °C	21,36 9	Moon Age [d]	0
Moon Phase % Illum.	4th quarter 3 %	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	5144	[mm] 16,95
Additional Optics	M54 ZWO ASI CAA Rotator	▶ Optical Factor	1	
Filter	-	FoL norm actual [mm]	1624	1613
Diameter [mm]	203	DawesLimitLink	<u>1,45 Arcsec</u>	
Aperture / f-stop	8,00	Optical Scale ["/px]	0,478	

Other Hardware & Software

GuideScope	ZWO 30/120 mini	Mount	iOptron iEQ45 Pro
GuiderHW	ASIAIR	SessionControl	ASIAIR
GuiderSW	ASIAIR	PostProcessingSW	PixInsight, BlurXTerminator, NoiseXTerminator

More ...

Work Folder	2025\20250824_IC5070_0399_WEENDE
Comment	IC5070 - Pelican Nebula
Remarks	