

# ObservationReport

ObservationID

16

on 2021-11-28 20:26

**Object** IC5070  
CommonName Pelican Nebula  
Alternate LBN350  
Description Bright Nebula  
Constellation Cygnus  
Visual Magnitude 8  
Apparent Size 80 x 70 armin  
Distance ► Object 1800 ly  
RA-Coordinates 20h 51m 00s  
DEC-Coordinates +44° 24' 17.0"  
WikiLink [https://en.wikipedia.org/wiki/Pelican\\_Nebula](https://en.wikipedia.org/wiki/Pelican_Nebula)



20211028\_IC5070\_ZWOASI294\_0002.JPG

Work Status Published  
Link ► Picture [IC5070\\_20211128](#)  
Quality \*\*\*\*  
Format: Photo  
Horizontal FoV [°] 0,6739  
Vertical FoV [°] 0,4586  
View Direction SW 22,7°  
Above horizon [°] 80,81°

**Observation Start** 2021-11-28T20:26:46 UTC +1h Observation End 2021-11-28T21:23:45

**Observation Site** Göttingen MBR Country Code DE  
Province NDS Elevation 182  
Site Coordinates 51° 34' N, 9° 56' E Bortle Index 5

**Sky Quality** 1,33 Outside Temp. °C 2  
Seeing Index 1 4 Seeing Index 2 2

**Moon Phase** 4th quarter Moon Age [d] 23  
Moon Percent % 51 Distance ► Target 112,42°  
MoonRise 00:00:00 MoonSet 14:02:00

**Camera** ASI294MC PRO Gain or ISO 120  
Camera Angle 78,77 Camera Temp. °C -10  
Pixel Pitch [µm] 4,63

**Total Exposures** 20 Exposure Time [s] 180  
ActiveFrames 19 Total Time [min] 57

**Optical Config.** 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 [DawesLimitLink](#) [1,45 Arcsec](#)  
Additional Optics 100mm Extender Optical Scale ["/px] 0,588  
Filter NONE

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

Work Folder [F:\FotosLibrary\ Astro\2021 Astro\IC5070\20211028-202646](#)

Remarks