

ObservationReport

ObservationID

0407

on

2025-09-19 20:59

all measures in mm



Main Object NGC7380

Common Name Wizard Nebula
 Alternate Name
 Visual Mag. | Size 7,20 25'
 Distance 8.5 kly
 Object R.A. | DEC coord. 22h 46m 50s +58° 02' 21"
 Description Open Cluster
 Constellation Cepheus
 Other Objects



20250912_NGC7380_ASI2600_0407-01WM.jpg

StarImage Link [OID0407](#)
 Telescopius Link telescopius.com NGC7380
 Wikipedia Link https://en.wikipedia.org/wiki/NGC_7380

Image Properties

Work Status	Published	Rating	****
Source Format	Photo	Picture Center R.A.	22h 47m 04.112s
Tot./Act. Frames/Pane	30 30	Picture Center DEC	+58° 04' 36.889"
H / V Panes	1 1	FoV measured H/V [°]	0,837 0,559
Exp. [s] / Frame	180	Above horizon [°]	74.3°
Total Time / Pane [min]	90,00 90,00	View Direction	NE 55.2°
Camera Data	ZWO Optical	ASI2600MCAir	ZWOASI2600
Camera Angle [°]	269,8	Pixel Pitch [µm]	3,761
Gain or ISO	100	Camera Temp. °C	-10

Observation Site

Observation Start	2025-09-19T20:59:59 UTC+/- +1h	Observation End	2025-09-19T22:34:36
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	5,0 20 %	Moon Rise Set	03:57:00 18:46:00
SQM Outside Temp. °C	20,31 17	Moon Age [d]	27,2
Moon Phase % Illum.	4th quarter 4 %	Moon ► Target Dist.	UNKNOWN

Optical Configuration TS1624cASI2600CAA

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	3955 [mm] 13,03
Additional Optics	M54 ZWO ASI CAA Rotator	Optical Factor	1
Filter	Optolong 2" L-eNhance	FoL norm actual [mm]	1609 1609
Diameter [mm]	203	DawesLimitLink	1,46 Arcsec
Aperture / f-stop	7,93	Optical Scale ["/px]	0,482

Other Hardware & Software

GuideScope	ASI2600 Guide Sensor	Mount	iOptron iEQ45 Pro
GuiderHW	ASIAIR	SessionControl	ASIAIR
GuiderSW	ASIAIR	PostProcessingSW	PixInsight, BlurXTerminator, NoiseXTerminator

More ...

Work Folder [2025\20250919_NGC7380_0407_WEENDE](#)
 Comment Wizard Nebula (NGC7380) in Cepheus
 Remarks