

ObservationReport

all measures in mm

ObservationID 0155 on 2022-10-23 21:47

Object	M52
Common Name	
Alternate Name (s)	NGC7654
Visual Magnitude	7,3
Distance ► Object	4.6 kly
Apparent Size	
Object R.A.	23h 24m 48.0s
Object DEC	+61° 35' 36"
WikiLink	https://en.wikipedia.org/wiki/Messier_52



20221023_M52_ASI294_0155-01WM.jpg

Link ► Picture	M52_20221023
Description	Open Cluster
Constellation	Cassiopeia

Picture Data

Work Status	Published	Quality	****
Source Format	Photo	Picture Center R.A.	23h 19m 23.896s
Tot./Act. Frames/Pane	20 20	Picture Center DEC	+61° 38' 55.955"
H / V Panes	1 1	H/V FoV [°]	1,8268 1,2434
Exp. [s] / Frame	180	Above horizon [°]	0
Total Time / Pane [min]	60,00 60,00	View Direction	N
Camera Data	ZWO	ASI294MC-Pro	ZWOASI294
Camera Angle [°]	12	Pixel Pitch [µm]	4,63
Gain or ISO	120	Camera Temp. °C	-10

Observation Site

Observation Start	2022-10-23T21:47:46 UTC+/- +h	Observation End	2022-10-23T22:44:45
Observation Site	ES La Palma Jardin	Site Elevation /Bortle	470 3
Province	La Palma	Site Coordinates	28° 38' 52.0" N, 017° 53' 4

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

TS600AS294	TS600ASI294T252		
Lens or Scope	TSO APO 90/600	Focuser	M90 TS600 Rack + Pinion
Type Of Build	APO Triplet Refractor	Focuser Position [mm]	0,00 EAF Steps 0
Brand	TS-Optics	Optical Factor	1
Additional Optics	M63 WO Rotator	FoL norm actual [mm]	599 599
Filter	-	DawesLimitLink	1,74 Arcsec
Diameter [mm]	90	Optical Scale ["/px]	1,595
Aperture / f-stop	6,66		

Other Hardware & Software

GuideScope	Omegon 50/200	Mount	EQ6R-PRO
GuiderHW	ASiAirPro	SessionControl	ASiAirPro
GuiderSW	NONE	PostProcessingSW	PixInsight

More ...

Work Folder [2022\20221023_M52_0155_La-Palma-Jardin](#)

Comment

Remarks Automatic picture integration using PixInsight process failed, had to manually run through the integration process. Reason unknown.