

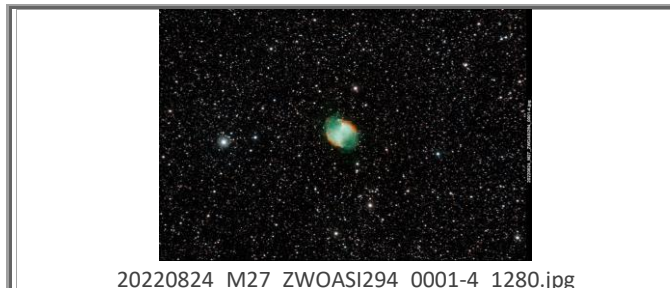
ObservationReport

ObservationID

76

on 2022-08-24 22:13

Object	M27
CommonName	Dumbbell Nebula
Alternate	NGC 6853
Description	Planetary Nebula
Constellation	Vulpecula
Visual Magnitude	7,4
Apparent Size	8.0' × 5.6'
Distance ► Object	1360
Object R.A.	20 00 38.520
Object DEC	+22 47 50.64
Picture Center R.A.	20h 00m 34.08s
Picture Center DEC	01h 40m 27.71sE
WikiLink	https://en.wikipedia.org/wiki/Dumbbell_Nebula



Work Status	Recorded
Link ► Picture	M27_20220824
Quality	Please Select
Format:	Photo
Horizontal FoV [°]	1,8238
Vertical FoV [°]	1,2414
View Direction	SE
Above horizon [°]	55,16

Observation Start	2022-08-24T22:13:01	UTC +1h	Observation End	2022-08-25T01:03:33
Observation Site	GÖ MBR		Country Code	DE
Province	NDS		Elevation	182
Site Coordinates	51° 34' N, 9° 56' E		Bortle Index	5
Sky Quality	1,7		Outside Temp. °C	18
Seeing Index 1	5		Seeing Index 2	4
Moon Phase	New		Moon Age [d]	26,9
Moon Percent %	6		Distance ► Target	UNKNOWN
MoonRise	02:32:00		MoonSet	19:50:00
Camera	ASI294MC PRO		Gain or ISO	120
Camera Angle	71		Camera Temp. °C	-10
Pixel Pitch [µm]	4,63			
Total Exposures	30		Exposure Time [s]	300
ActiveFrames	22		Total Time [min]	110
Optical Config.	L1E100ROC1FCS		FocalLength [mm]	600
Short Descript.	TSO APO 90/600		Diameter [mm]	90
Type Of Build	APO Triplet Refractor		Aperture / f-stop	6,67
Brand	TS-Optics		DawesLimitLink	1,74 Arcsec
Additional Optics	NONE		Optical Scale ["/px]	1,592
Filter	ClearSky			
GuideScope	Microspeed 50/200		Mount	iOptron iEQ45 Pro
PostProcessingSW	NONE		GuiderHW	ASiAirPro
GuiderSW	NONE		SessionControl	ASiAirPro

Work Folder <file:///F:/FotosLibrary/Astro/2022%20Astro/M27/20220814>

Remarks First night since many weeks without moon and reasonable sky conditions at this location. Was my first attempt using the ASI AIR plan process together with target preparation in Astronomicus.com. Worked perfect!