

# ObservationReport

ObservationID

0086

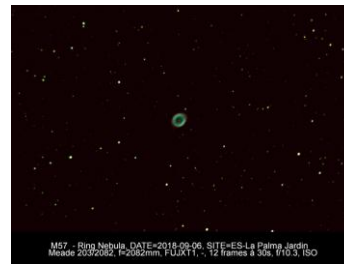
on

2018-09-06 23:21

all measures in mm



<b>Object</b>	<b>M57</b>
Common Name	Ring Nebula
Alternate Name (s)	NGC6720
Visual Magnitude	8,8
Distance ► Object	2.567 ly
Apparent Size	230" × 230"
Object R.A.	18h 53m 35.079s
Object DEC	+33° 01' 45.03"
WikiLink	<a href="https://en.wikipedia.org/wiki/Ring_Nebula">https://en.wikipedia.org/wiki/Ring_Nebula</a>



20180913\_205126\_M57\_FUXT1\_0001-2.jpg

Link ► Picture	<a href="#">M57_20180906</a>
Description	Planetary Nebula
Constellation	Lyra

## Picture Data

Work Status	PostProcessed	Rating	**
Source Format	Photo	Picture Center R.A.	18h 53m 35.856
Tot./Act. Frames/Pane	12 12	Picture Center DEC	+33° 01' 44.928"
H / V Panes	1 1	H/V FoV [°]	0,6495 0,4293
Exp. [s] / Frame	30	Above horizon [°]	60,1°
Total Time / Pane [min]	6,00 6,00	View Direction	287,3° W

## Camera Data

<b>FUJIFILM</b>	<b>FUJXT1</b>	<b>FUJXT1</b>	
Camera Angle [°]	3424	Pixel Pitch [µm]	4,8265552520752
Gain or ISO	6400	Camera Temp. °C	20

## Observation Site

Observation Start	2018-09-06T23:21:00 UTC+/- +h	Observation End	2018-09-06T23:33:29
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	02:02:00 18:16:00
Outside Temp. °C	UNKNOWN	Moon Age [d]	26,1
Moon Phase  % Illum.	3rd quarter 15 %	Moon ► Target Dist.	124

## Optical Configuration

<b>ME2082FUXT1</b>	<b>ME2082FUJXT1</b>		
Lens or Scope	Meade 203/2082	Focuser	-
Type Of Build	Cassegrain	Focuser Position [mm]	EAF Steps 0
Brand	Meade	Optical Factor	1
Additional Optics	-	FoL norm actual [mm]	2082 2082
Filter	-	<a href="#">DawesLimitLink</a>	<a href="#">1,13 Arcsec</a>
Diameter [mm]	203	Optical Scale ["/px]	0,478
Aperture / f-stop	10,26		

## Other Hardware & Software

GuideScope	NONE	Mount	iOptron iEQ45 Pro
GuiderHW	ASiAirPro	SessionControl	ASiAirPro
GuiderSW	NONE	PostProcessingSW	LrC, PixInsight

## More ...

Work Folder	<a href="#">2018\20180906_M57_0086_La-Palma-Jardin</a>
Comment	
Remarks	My first picture of the M57 ring nebula with a rented sope and mount. Tracking was very inaccurate as this picture was taken without any guider support resulting in a poor picture quality.