

Typical Exposure Plan

Nikon D800, 200-500 f/5.6 zoom		AFV 5-12° degrees				
Exposure Plan	filter	Lens	ISO	F stop	Shutter	Bracket
Partial	Solar Filter	500mm	100	f/ 11	1/2000	5 stops
Baily's Beads / Diamond Ring	-	500mm	100	f/ 11	1/2000	5 stops
Chromosphere	-	500mm	100	f/ 11	1/1000	5 stops
Prominences	-	500mm	400	f/11	1/1000	5 stops
Corona .1 Radii	-	500mm	800	f/8	1/1000	5 stops
Corona .5 Radii	-	500mm	800	f/8	1/125	5 stops
Corona 1 Radii	-	500mm	800	f5.6	1/30	5 stops
Corona 2 Radii	-	300mm	800	f5.6	1/15	5 stops
Corona 4 Radii	-	300mm	800	f5.6	1/8	5 stops
Corona 8 Radii	-	300mm	800	f5.6	1/2	5 stops

Time Lapse Exposure

Timing	seconds	exposures	Interval (seconds)	ISO	Shutter	f Stop	Filter
First hour	3,600	180	20	100	1/2000	f/11	yes
last 20 min before total	1,200	120	10	100	1/2000	f/11	yes
Total Phase	146	49	3	800	1/100	f/8	no
20 min after total	1,200	120	10	200	1/2000	f/11	yes
last hour of eclipse	3,600	180	20	100	1/2000	f/11	yes

Multi-Exposure Plan

Phase	Frame	Minute	exposures	ISO	Shutter	f Stop	Filter
First Contact	#1	1	1	100	1/2000	f/11	yes
Partial	#2	15	1	100	1/2000	f/11	yes
Partial	#3	30	1	100	1/2000	f/11	yes
Partial	#4	45	1	100	1/2000	f/11	yes
Partial	#5	60	1	100	1/2000	f/11	yes
Total	#6	80	1	800	1/100	f/8	NO
Partial	#7	95	1	100	1/2000	f/11	yes
Partial	#8	110	1	100	1/2000	f/11	yes
Partial	#9	125	1	100	1/2000	f/11	yes
Partial	#10	140	1	100	1/2000	f/11	yes
Last Contact	#11	155	1	100	1/2000	f/11	yes