









Lens Aperture Chart for Beginners













Freezing fast moving cars, Motorcycles, Speedboats	1/1000				
Adult Running	1/250-1/500				
Adult Walking	1/125-1/250				
Children- playing, running, Moderate speed bicyclists	1/250				
General Outdoor Daylight scenes With little or no movement	1/125				
Sports-Depending on speed of action	1/250-1/2000				
Light Trails	8-30 Secs				
Fireworks	2-4 seconds				
Outdoor Night scenes	1/4 to 8 seconds				
EXPOSURE SLOWER Speed and Exposure FASTER					
More Light	Less Light				
2" 1" 1/2 1/4 1/8 1/15 1/30 1/60 1	/125 1/250 1/500 1/2000				
capturetheatlas.com	f 🖸 @Capturetheatlas				

FULL STOP 1/2 1/2000 1/2	STDP 1/3 STDP 000 1/2000 1/1600	SAFE SHUTTER SPEED		TYPES OF SHOOTING		S OF SHOOTING
1/1 1/1000 1/1 1/500 1/ 1/	500 1/1250 000 1/1000 750 1/800 500 1/500 350 1/400	齐	*	BIRDS IN FLIGHT 1/2000	WATER	FALLS 1/8 - 2 sec
1/250 1/2 1/ 1/125 1/ 1/	1/320 1/250 1/200 180 1/100 125 1/100 90	*	澿	ACTION SPORTS 1/500 - 1/	1000 BLURRIN 500 FIRE	G WATER 0.5- 5 sec
1/60 1/ 1/ 1/30 1/ 1/ 1/15 1/ 1/	1/60 1/60 1/50 1/40 '45 1/40 '30 1/30 '20 1/25 1/20 1/20 '15 1/15 1/13 1/13	*	※	LANDSCAPES 1/125 - 1/4	o star tr.	R5 15 - 25 sec
F/16	F/11	F/7 1	F/4.5	F/3 5	F/2 2	F/1 4
1/10	1/11		1/4.5	1/3.5	1/2.2	172.4
1/1000	1/250	1/60	1/15	1/8	1/4	1/2
N		Z		Z	Z	2
ISO 100	ISO 250	ISO 400	ISO 640	ISO 1000	ISO 1600	ISO 2500
	Shuter Sp	111	111	121	支	









ISO guides



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ISO 200-400



ISO 800-1600



Darker Indoors

ISO 1600-3200

ISO 400-800

Indoors at Night

Flash

Indoors

ISO 3200+



Extra Low

Table of Shutter Speed and Aperture for different weather conditions

	water,sand, snow (sun)	shadows, bright sun	backlighting	poor lighting	cloudiness, no shadows	overcast
IS0	₩	÷Ŏ:	*	\bigcirc		
100	1/125 f/16	1/125 f/11	1/125 f/5.6	1/125 f/8	1/125 f/5.6	1/125 f/4
200	1/250 f/16	1/250 f/11	1/250 f/5.6	1/250 f/8	1/250 f/5.6	1/250 f/4
400	1/500 f/16	1/500 f/11	1/500 f/5.6	1/500 f/8	1/500 f/5.6	1/500 f/4
800	1/1000 f/16	1/1000 f/11	1/1000 f/5.6	1/1000 f/8	1/1000 f/5.6	1/1000 f/4
1600	1/2000 f/16	1/2000 f/11	1/2000 f/5.6	1/2000 f/8	1/2000 f/5.6	1/2000 f/4
					FreinieleiPhiou	oschool.com





















DARKER

	LESS MOTION BLUR 1/4000	B	ACKGROUNI SHARP f22	D	Less Grainy 100	
	1/2000		f16		200	
	1/1000	8528 4754	Cu		400	
N	1/500		+11		400	
	1/250		f8		500	
	1/125 1/60	2	f5.6		640	
	1/30		f4		800	
	1/15	Pafi	f2.8		1000	
	1/8					
	1/4		f2		1250	
	1/2		f1.4		1600	
	1		fl		hl	
	2		. –			
	MORE MOTION BLUR	E	BLURRY	D	MORE GRAINY	
LIGHTER						
				the	RIP 0 D _{dianies}	

