

EV @ ISO 100	Description	ISO 50	ISO 100	ISO 200	ISO 400
0	Subjects lit by dim artificial light.			f/2.8 @ 4 s	f/2.8 @ 2 s
1	Distant view of lighted skyline at night.		f/2.8 @ 4 s	f/2.8 @ 2 s	f/2.8 @ 1 s
2	Lighted buildings at night.	f/2.8 @ 4 s	f/2.8 @ 2 s	f/2.8 @ 1 s	f/4 @ 1 s
3	Indoor scene lit by dim window light.	f/2.8 @ 2 s	f/2.8 @ 1 s	f/4 @ 1 s	f/5.6 @ 1 s
4	Candle lit subjects. Floodlit buildings.	f/2.8 @ 1 s	f/4 @ 1 s	f/5.6 @ 1 s	f/8 @ 1 s
5	Auditoriums. Subjects near campfires.	f/4 @ 1 s	f/5.6 @ 1 s	f/8 @ 1 s	f/8 @ 1/2
6	Brightly lit home interiors at night.	f/5.6 @ 1 s	f/8 @ 1 s	f/8 @ 1/2	f/8 @ 1/4
7	Well lit office. Stage shows.	f/8 @ 1 s	f/8 @ 1/2	f/8 @ 1/4	f/11 @ 1/4
8	Campfires. Well lit sporting events.	f/8 @ 1/2	f/8 @ 1/4	f/11 @ 1/4	f/11 @ 1/8
9	Landscapes, 10 minutes after sunset.	f/8 @ 1/4	f/11 @ 1/4	f/11 @ 1/8	f/16 @ 1/8
10	Landscapes at sunset or sunrise.	f/11 @ 1/4	f/11 @ 1/8	f/16 @ 1/8	f/22 @ 1/8
11	Sunsets. Subjects in deep shade.	f/11 @ 1/8	f/16 @ 1/8	f/22 @ 1/8	f/22 @ 1/15
12	Open shade or heavy overcast.	f/16 @ 1/8	f/22 @ 1/8	f/22 @ 1/15	f/22 @ 1/30
13	Cloudy (no shadows).	f/22 @ 1/8	f/22 @ 1/15	f/22 @ 1/30	f/22 @ 1/60
14	Overcast or hazy sunlight.	f/22 @ 1/15	f/22 @ 1/30	f/22 @ 1/60	f/32 @ 1/60
15	Full sunlight (strong shadows). Sunny f/16 rule.	f/32 @ 1/15	f/22 @ 1/60	f/32 @ 1/60	f/45 @ 1/60
16	Subject in bright daylight on sand or snow.	f/16 @ 1/50	f/16 @ 1/100	f/16 @ 1/200	f/16 @ 1/400
		f/32 @ 1/30	f/32 @ 1/60	f/45 @ 1/60	f/45 @ 1/125

Be aware of reciprocity effect at exposures over 1 sec.



# Shutter Speed Compensation

*Adjust your exposure for "non-standard" shutter speeds.*

Speed		f/stop
<b>1</b>	1.000	0
5/6	0.833	1/3
2/3	0.667	- 1/3
<b>1/2</b>	0.500	0
2/5	0.400	1/3
1/3	0.333	- 1/3
<b>1/4</b>	0.250	0
1/5	0.200	1/3
1/6	0.167	- 1/3
<b>1/8</b>	0.125	0
1/10	0.100	1/3
1/12	0.083	- 1/3
<b>1/15</b>	0.067	0
1/20	0.051	1/3
1/25	0.040	- 1/3
<b>1/30</b>	0.033	0
1/40	0.025	1/3
1/50	0.020	- 1/3
<b>1/60</b>	0.017	0
1/75	0.013	1/3
1/100	0.010	- 1/3
<b>1/125</b>	0.0080	0
1/150	0.0067	1/3
1/200	0.0053	- 1/3
<b>1/250</b>	0.0040	0
1/300	0.0032	1/3
1/400	0.0025	- 1/3
<b>1/500</b>	0.0020	0

1. Calculate the exposure.
2. Find the standard shutter speed in the chart (in bold).
3. Now find the closest available speed.
4. Adjust the f/stop per the chart.

## Notes:

**-1/3 less light (larger number)**  
**+1/3 more light (smaller number)**

***We adjusted the numbers for usability. Besides, you can't set your aperture to 1/10 of a stop anyway.***

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