

Sunny F16 Rule

- Use on Bright sunny days when Photographing in direct Sunlight
- Match ISO and Shutter Speed as close as Possible
- Aperture = F/16 for correct exposure in direct sunlight
- Follow chart to set Aperture for all Light Conditions

Light Conditions	Shadow Detail	Aperture
Snow / Sand	Dark with sharp edges	F/22
Sunny	Distinct	F/16
Slight Overcast/ Hazy Sun	Soft around edges	F/11
Overcast	Barely Visible	F/8
Heavy Overcast	No Shadows	F/5.6
Open Shade / Sunset	No Shadows	F/4
Backlighting	n/a	Add one Stop

Exposure Value Guide

Level	Brightness of Typical Scene
0	Very Dark
1	Dark Scenes at Night
2	Very dim Lighting (Moon lit Scenes)
3-4	Candle Light. Nighttime Shots by Street Lights
5-6	Bright Indoor Lighting
7-8	Bright Indoor Lightening
9-10	Outdoor Light Just before Sunrise or Just after Sunset
11	Open Shade / Sunset
12	Daylight Scene Under Hevy Cloud
13	Daylight Scene under Average Cloud Cover, Sun is not Visable, Barely visable Shadows
14	Side Lit Medium-Toned Subject Under Average Daylight (Sunny) Condition or Slight overcast / Hazy sun (Soft Shadows)
15	Front Lit Medium- Toned Subject Under Average Daylight (Sunny) Condition
16	Bright Sunlight Reflected off Water or Snow
17-18	Only the Brightest Reflections from Shiny objects Outdoors in Full Sun

Exposure Value Chart

	F/1	F/1.4	F/2	F/2.8	F/4	F/5.6	F/8	F/11	F/16	F/22
1 sec	0	1	2	3	4	5	6	7	8	9
1/2 sec	1	2	3	4	5	6	7	8	9	10
1/4 sec	2	3	4	5	6	7	8	9	10	11
1/8 sec	3	4	5	6	7	8	9	10	11	12
1/15 sec	4	5	6	7	8	9	10	11	12	13
1/30 sec	5	6	7	8	9	10	11	12	13	14
1/60 sec	6	7	8	9	10	11	12	13	14	15
1/125 sec	7	8	9	10	11	12	13	14	15	16
1/250 sec	8	9	10	11	12	13	14	15	16	17
1/500 sec	9	10	11	12	13	14	15	16	17	18
1/1000 sec	10	11	12	13	14	15	16	17	18	
1/2000 sec	11	12	13	14	15	16	17	18		