

Exposure Value Chart: Find the time row and read over to the given f/stop to find the EV column of equivalent shutter speed and aperture settings in the same font

| EV | -15 | -14 | -13 | -12 | -11 | -10 | -9 | -8 | -7 | -6 | -5 | -4 | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
|--------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Time | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | | | | | | |
| 8 hr | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 |
| 4 hr | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 |
| 2 hr | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 |
| 1 hr | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 |
| 30' | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 |
| 15' | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 |
| 8' | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 |
| 4' | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 |
| 2' | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 |
| 1' | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 |
| 30" | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 |
| 15" | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 |
| 8" | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 |
| 4" | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 |
| 2" | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 |
| 1" | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 |
| 1/2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 |
| 1/4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 |
| 1/8 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 |
| 1/15 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 |
| 1/30 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 |
| 1/60 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 | 256 |
| 1/125 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 | 180 |
| 1/250 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 | 128 |
| 1/500 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 | 90 |
| 1/1000 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 | 64 |
| 1/2000 | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 | 45 |
| 1/4000 | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 | 32 |
| 1/8000 | 32 | 45 | 64 | 90 | 128 | 180 | 256 | 360 | 512 | 1.0 | 1.4 | 2 | 2.8 | 4 | 5.6 | 8 | 11 | 16 | 22 |

Exposure values for various conditions for ISO 100 (for ISO 10 photo paper, subtract 3 to 4 EV from the number below to find the right column above)

| EV | | EV | | EV | |
|----------|---|------|--|-------|---|
| -9 | Milky Way | 7-8 | Night street scenes and window displays; Offices and work areas | 12-14 | Just before sunset |
| -6 | Moonlight from quarter moon | 8 | Floodlit circuses, bright night street scenes | 13 | Cloudy bright scene (no shadows); the quarter moon |
| -6 to -5 | Aurora, medium bright | | | | |
| -4 | Moonlight from gibbous moon | 8-9 | Indoor sports, stage shows | 14 | Full moon (long lens); subjects in weak, hazy sun |
| -3 to -2 | Moonlight from full moon | 8-11 | Galleries | | |
| 2 | Night, distant view of lit buildings | 9 | Floodlit ice shows; fires and burning buildings; night sports | 15 | Subjects in bright or hazy sun (sunny f/16 rule) |
| 3-5 | Night, floodlit buildings, monuments etc. | | | | |
| 4-5 | Christmas tree lights | 9-10 | Neon and bright signs | 16 | Subjects in bright daylight on sand or snow |
| 5 | Night vehicle traffic | 9-11 | Just after sunset | | |
| 5-7 | Home interiors with artificial light | 12 | Heavy overcast scenes; open shaded areas in sunlight; at sunset; the crescent moon | 17+ | Rarely encountered in nature; some man made lighting; 22+ = <i>extremely</i> bright |
| 7 | Night, fairs and amusement parks | | | | |