

Calculating Time Exposures

| Film Speed | 100/125 | 200 | 400 |
|------------|----------------|---------------|---------------|
| A | 1/15 at f/8 | 1/30 at f/8 | 1/60 at f/8 |
| B | 1/8 at f/8 | 1/15 at f/8 | 1/30 at f/8 |
| C | 1/4 at f/8 | 1/8 at f/8 | 1/15 at f/8 |
| D | 1/2 at f/8 | 1/4 at f/8 | 1/8 at f/8 |
| E | 1 sec. at f/8 | 1/2 at f/8 | 1/4 at f/8 |
| F | 2 sec. at f/8 | 1 sec. at f/8 | 1/2 at f/8 |
| G | 4 sec. at f/8 | 2 sec. at f/8 | 1 sec. at f/8 |
| H | 8 sec. at f/8 | 4 sec. at f/8 | 2 sec. at f/8 |
| I | 16 sec. at f/8 | 8 sec. at f/8 | 4 sec. at f/8 |

- A. Skylines immediately after sunset.
- B. Skyline 10 minutes after sunset; neon signs and other lighted signs; stage shows - bright lighting; circuses and ice shows - carbon - arc spotlighted acts.
- C. Brightly lighted nightclubs or theater districts - Las Vegas or Times Square; store windows; fireworks displays on the ground; burning buildings, campfires, bonfires; night football, baseball, boxing; wrestling; ice shows - floodlighted acts; interiors with bright fluorescent light.
- D. Brightly lighted downtown street scenes; basketball; hockey; bowling; stage shows - average lighting; circuses - floodlighted acts; hospital nurseries.
- E. Home interiors at night - areas with bright light; fairs, amusement parks - for light patterns of rides, use time exposures; swimming pool - tungsten light above water.
- F. Home interiors at night - areas with average light; school stage and auditorium; church interiors - tungsten light; subjects lighted by campfires and bonfires.
- G. Candle light close-ups; indoor and outdoor Christmas lighting at night, Christmas trees; floodlighted buildings, fountains, monuments; subjects lighted by street lights; moving car traffic on expressways; subjects lighted by street lights; moving car traffic on expressways - light patterns, use time exposures.
- H. Fireworks - aerial displays, keep shutter open on BULB for several burst. Use on shutter speed indicated on chart.
- I. Lightning - Keep shutter open on BULB for several burst. Use on shutter speed indicated on chart.