

Assignments 7+8

Night Photography



incident light



reflected light

The Chart below provides general guidelines for night photography. All exposures are given for ISO 400. For ISO 200 film open up one stop.

| | |
|-----------------------------|----------------|
| burning buildings | 1/60 at f5.6 |
| neon signs | 1/30 at f5.6 |
| display windows/gas station | 1/30 at f5.6 |
| main street | 1/30 at f2.8 |
| fireworks | 10 sec at f5.6 |
| flood lit water fountains | 1 sec f8 |
| subway trains | 1 sec f8 |
| Niagara Falls | 1 sec f8 |
| subway | 2 sec at f8 |
| railroad stations | 2 sec at f8 |
| city skyline | 8 sec at f8 |
| boatyards, docks | 12 sec at f5.6 |
| landscape lit by moon | 22 sec at 5.6 |

Instructions

First Shot – Incident (Direct) Light

- Examples: skyline shot, neon lights, patterns from headlights.



Second Shot – Reflected Light

- Examples: architecture, objects lit by flood lights, moonlit landscapes, scenes that do not include light source.

Tips

- Use a tripod, but be careful if it is a windy night.
- As a substitute - use a ledge, step, windowsill or wall.
- For night shots, a flashlight helps to focus and see settings.
Shoot early and bring a friend for safety.
- Bracket with shutter speed or aperture depending on desired effect.
- Think about patterns of light formed by light sources. Rainy nights and snow help with texture and patterns. Star effect created when lens is stopped down.
Traffic motion is documented from headlight trails created during long exposures.



Deliverables:

Upload six images - three incident light and three reflected light photos.