

Thunder Grey Spring Program Lighting Setup

All light values are measured with a light meter that has been calibrated to match the exposure value of the camera(s). The camera and meter ISO is set to 100. The camera's f/stop will be f11 and the shutter speed will be 125th of a second. All light measurements will be based on this, ISO 100 and the camera will be set to f11 @ 125th of a second.

Follow the lighting diagram for the position of the lights.

Fill Light = 45" umbrella

- Approximately 60 inches high
- 16 feet from the background
- Measure this light with a light meter by itself at f5.6.5. Point the dome of the light meter at the camera.

Main Light = 36" Octabox or 36" Shoot Through Umbrella

- Approximately 78 inches high at the bottom edge or the light modifier &
- 11' from the background
- Measure this light with the fill light on. Point the dome of the light meter at the camera. The combined value of both the main light and the fill light firing at the same time is f11. This is the fstop to set your camera to.

Background Light = 1 small flash head w/6" reflector attached

- Approximately 36 inches high & 36" from the background
- This light is pointed directly at the background so the brightest spot is approximately even with the subjects lower back.
- Measure this light with all lights firing. It should read f11.5.
- When metering this light place the light meter on the background with the dome of the meter pointing at the background light with the meter positioned at the brightest spot when the light fires.



Camera Room Lighting Diagram

