



Electronic Flash Lighting

OPTION 1: Electronic Flash Technical Image Evaluation Set Up Guide (speedlights, studio strobes, location strobes)

This will be a two-light setup and you will light from left to right (the main light to the camera left)

f/11 on the main light at 90 degrees to the subject

One and a half stops less on the fill light behind the camera

30-34" (2) white-interior umbrellas

Setting a Custom White Balance

Set up your evaluation first and meter your lights (replace manikin with the white sheet of copy paper).

In this scenario, you will need to custom white balance for your light source. While there are many different ways to set a custom white balance for the purposes of this evaluation to custom set your white balance use sheet of white copy paper and fill the entire frame of your camera (no edges showing). Shift your lens into manual focus and take the exposure. Once you get your custom white balance set return to automatic focus (please be aware of contamination from other light sources).

Your meter is parallel to the manikin with the dome out aimed towards the light source you are metering:

Image 1 – Straight On: Portrait Orientation

Required aperture f/13, shutter speed and ISO are determined by your meter reading

Image 2– Overhead Minimum Depth of Field: Landscape Orientation

Required aperture f/5.6, shutter speed and ISO are determined by your meter reading

Image 3 – Overhead Maximum Depth of Field: Landscape Orientation

Required aperture f/16, shutter speed and ISO are determined by your meter reading

Measure 43 inches from manikin head and place main light on left side of manikin (right arm).

Please note: Light stand height is at 3 foot minimum.

Place fill light approximately 99 inches from rear base of manikin.