

KALEIDOSCOPE SPRING PROGRAM LIGHTING SETUP GREEN SCREEN

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 f8 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 f8 @ 125th of a second.

Follow the lighting diagram for the position of the lights.

Fill Light = 45" umbrella

- Approximately 80 inches high
- 17 feet from background directly behind the camera/photographer
- Measure this light with a light meter by itself at f2.8 and 5/10th. Be sure the dome of the light meter is pointed at the fill light.

Main Light = large softbox

- Approximately 64 inches high
- 8'6" from background
- Measure this light with the fill light on. Point the dome of the light meter at the main light. The combined value of both the main & fill light firing at the same time is f8. This is the f-stop to set your camera to.

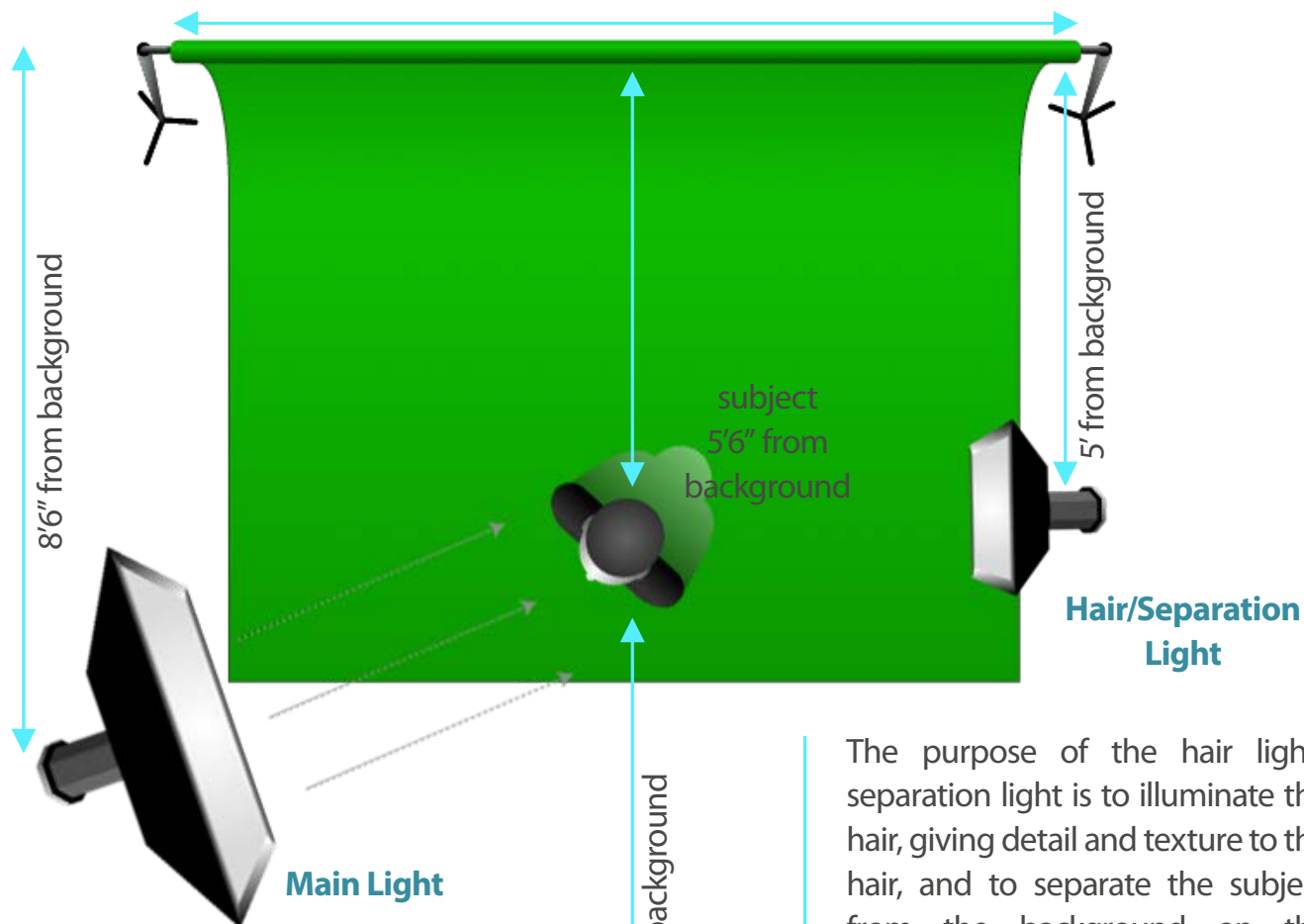
Hair/Separation Light = striplight

- Approximately 80 inches high
- 5' from the background
- Measure this light with the main and fill firing. Point the dome of the meter at the light. This light should measure at f5.6½.
- Remember the purpose of this light is to separate the subject from the background so be sure to aim the light to hit the hair and the shadow side of the subject. It's okay for some of this light to spill onto the background.

In your testing be sure to keep the background as evenly lit as possible! If you see any shadows adjust your main & hair/separation lights to eliminate all shadows.



CAMERA ROOM LIGHTING DIAGRAM



The quality of the light is what will set this spring program apart for others. The main light must be a large light source such as a BIG softbox. For the fill light to work properly, use a 45" white flat panel umbrella. The light must be positioned directly behind the camera so its light doesn't cast a shadow on the background.

The purpose of the hair light/separation light is to illuminate the hair, giving detail and texture to the hair, and to separate the subject from the background on the shadow side of the subject. A little spill of this light on the background is desired, but just a little.

Minimum floor space: 12'x19'
Minimum ceiling height: 8'

