

Ambient exposure.
Start with mid-range
settings so you have room to
adjust up and down.

f5.6, 1/200, ISO400, no flash



Manual Flash

Add Flash.

Flash in manual mode, set to
1/4 power.

f5.6, 1/200, ISO400, flash 1/4 power



Manual Flash

Stop down the aperture 2 stops.
Reduces exposure for Flash and ambient. Increases depth of field.

f11, 1/200, ISO400, flash 1/4 power



Manual Flash

Lower the ISO 2 stops.

Decreases the flash and ambient exposure. Opens the aperture to decrease depth of field.

f5.6, 1/200, **ISO100**, flash 1/4 power



Manual Flash

Lower the shutter speed 2 stops.
Brightens the ambient light but doesn't change the flash exposure.

f11, **1/50**, ISO100, flash 1/4 power



Manual Flash

Raise the shutter speed 1 stop.
Darkens the background to achieve the desired look.

f11, **1/100**, ISO100, flash 1/4 power



Manual Flash

**Adjust the power
on the flash.**

**Keep original ambient
exposure and reduce the
flash output.**

f5.6, 1/200, ISO400, **flash 1/16 power**



Automatic flash with TTL.

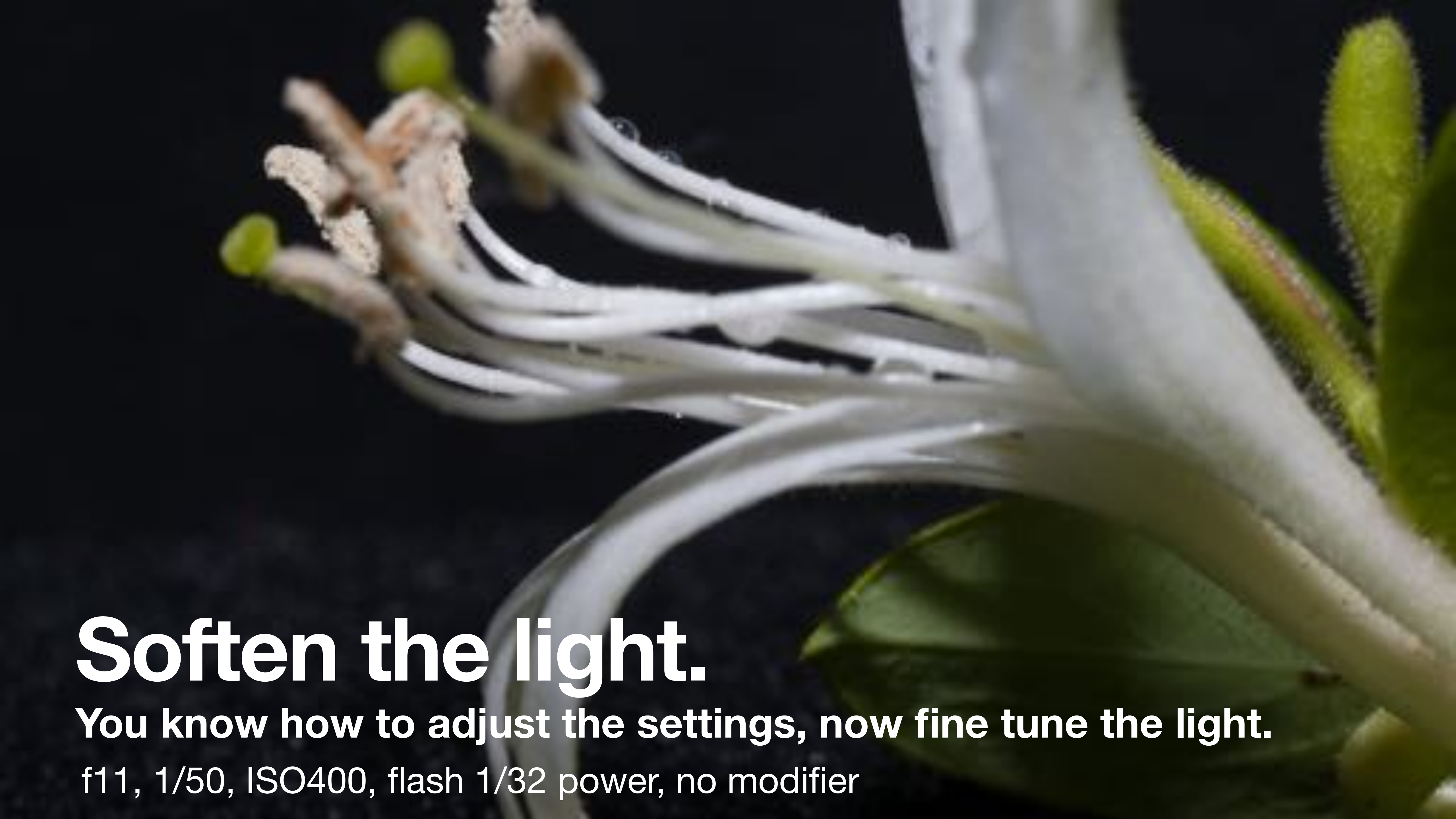
Original ambient exposure
with the flash set to TTL
mode.

f5.6, 1/200, ISO400, **TTL flash**



Other Accessories

Tools can help create the light you want.



Soften the light.

You know how to adjust the settings, now fine tune the light.

f11, 1/50, ISO400, flash 1/32 power, no modifier



Soften the light.
But now we have to adjust
the power.



f11, 1/50, ISO400, flash 1/32 power, with MagBounce

A bit too far.
Watch your histogram and
adjust to taste.



f11, 1/50, ISO400, flash 1/4 power, with MagBounce



f11, 1/50, ISO400, flash 1/8 power, with MagBounce



In Practice

Macro photos in the garden.

f11, 1/25, ISO320

**Minimize the
background.**

**Open the aperture to blur the
background and create
separation.**



f5, 1/800, ISO320

**Add flash to help
the flowers pop.**
A bit too bright on the
flowers. Had to stop down
the aperture to work under
the sync speed.



f8, 1/250, ISO320, flash 1/4 power, with MagBounce

Dialed in the flash exposure.

Now we can balance the flash with the background.



f8, 1/250, ISO320, flash 1/8 power, with MagBounce



Lowered the ISO, stopped down the aperture, and raised the flash power to darken the background and make the flowers pop.

f16, 1/250, ISO200, flash 1/4 power, with MagBounce



Flash without flash extender

Flash on camera at about 50 feet. Zoom set to maximum of 75mm.

f5.6, 1/10, ISO400, flash full power



With the MagBeam flash extender

Considerably more light
reaches the subject.

f5.6, 1/10, ISO400, flash full power





In practice

fine tune your settings for optimal exposure

f9, 1/200, ISO400, flash 1/4 power

**Stopped down the
aperture.
Darkened the image too
much overall.**

f11, 1/200, ISO400, flash 1/4 power



**Lowered the
output on the flash.
Opened the aperture back
up and lowered the power
output. Still looks too
“flashy”.**

f9, 1/200, ISO400, **flash 1/8 power**



**Slower shutter speed to add ambient exposure.
The flash exposure stays the same, but it blends in much better with the ambient light.**

f9, 1/60, ISO400, flash 1/8 power







**The light that's
always available.
Practice to get comfortable
with creating your own
“good” light.**

