



# Exposure Metering

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# Exposure Metering

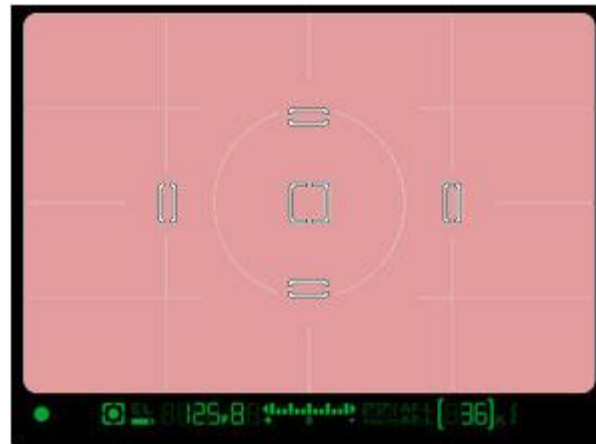
Evaluative Metering

Partial Metering

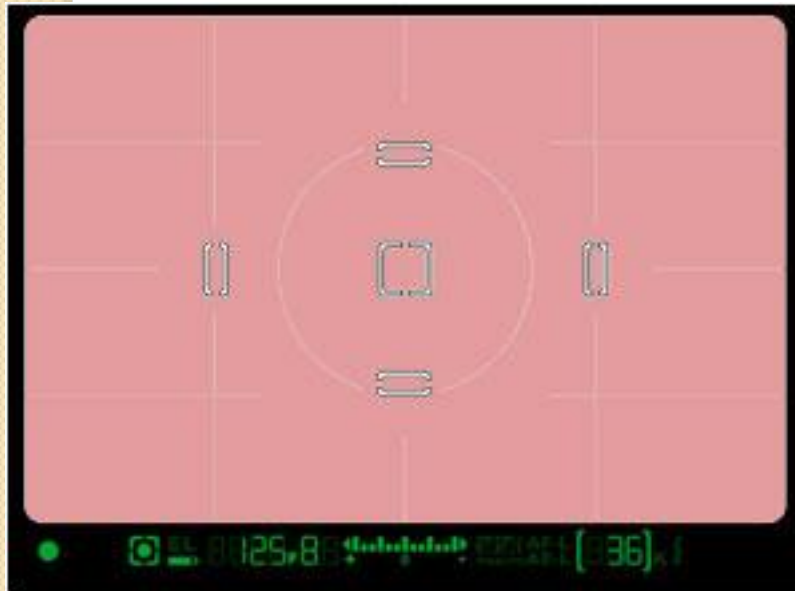
Spot Metering

Centre-Weighted Metering

# Evaluative Metering



# Evaluative Metering

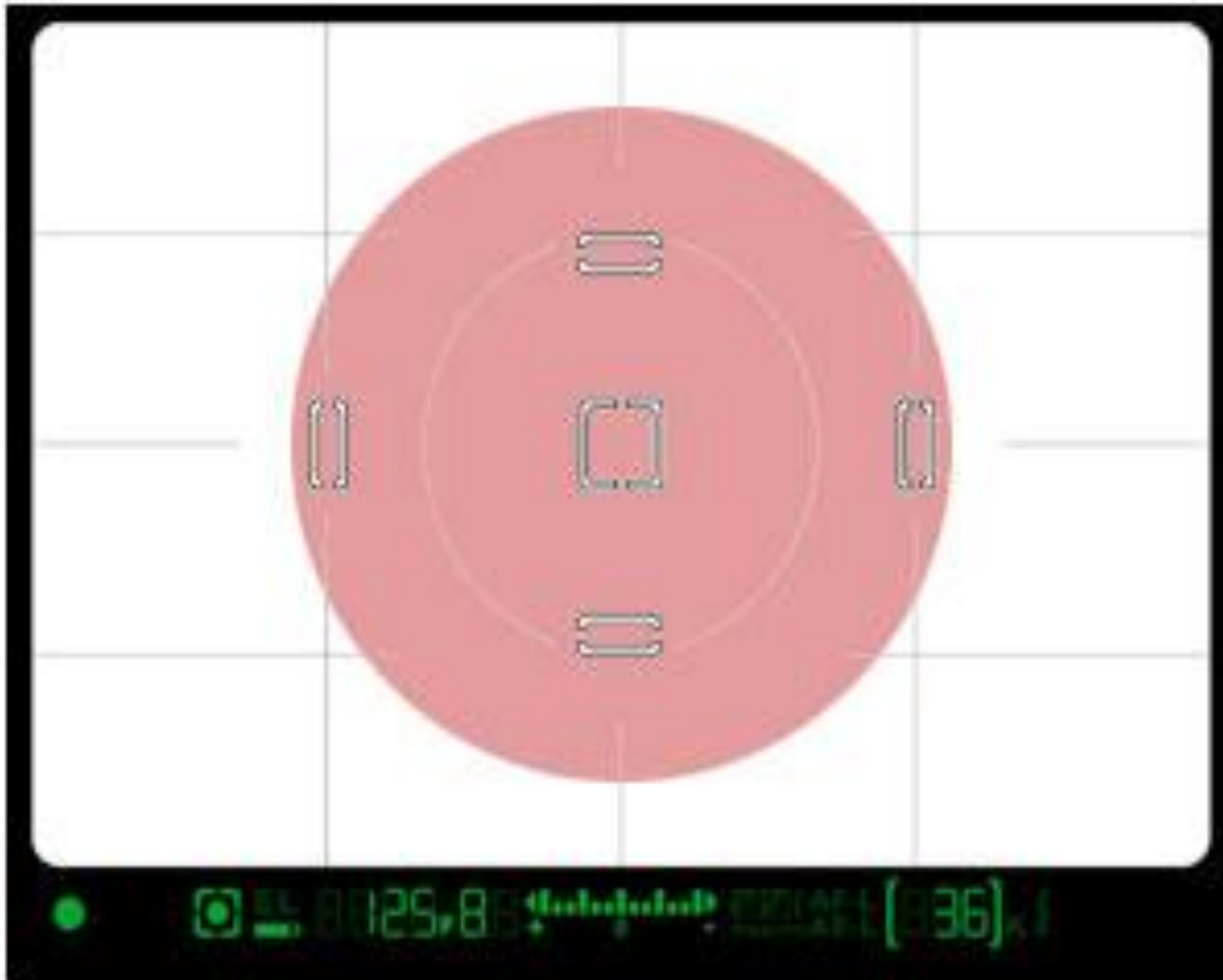


- This is your camera's standard metering mode which is used for most situations.
- For general photography using natural light, use this setting the most.

# Evaluative Metering

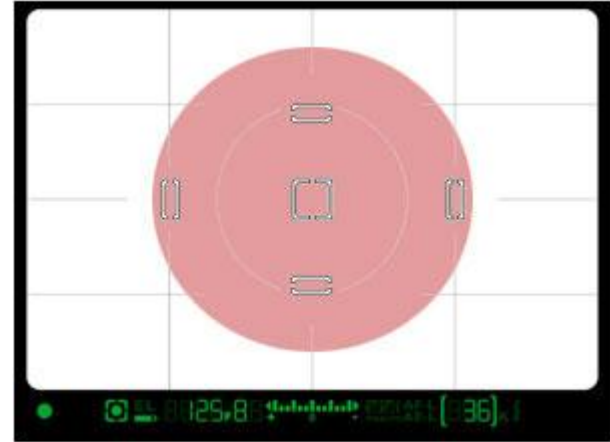
- The camera will assess the subject's position in the viewfinder; record the brightness of the general scene, front and rear lighting conditions and also the orientation of the camera (horizontal or vertical).
- It will then indicate or set (in Auto modes) exposure based on all of this information.

# Partial Metering



# Partial Metering

- This setting is useful when your subject is strongly or overly backlit.
- The metering is weighted towards the center of the viewfinder covering approximately 13.5% of the area.

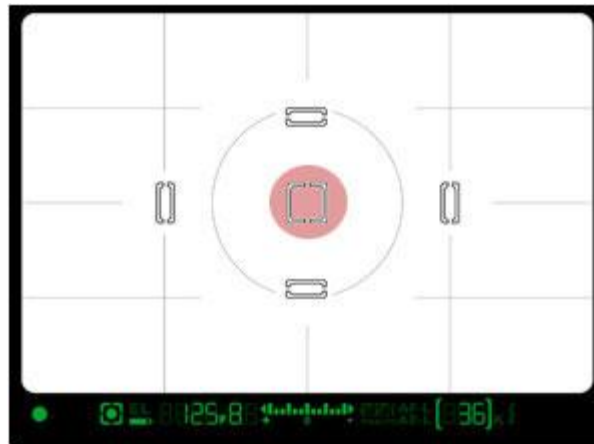


# Partial Metering

- This will inevitably lead to your subject being correctly exposed, with a blown out background.
- This effect can be quite nice and concentrates the eye on your well exposed subject, but if you wanted a more evenly spread image it is worth having an image that is "slightly" overexposed behind the subject with the actual subject being "slightly" underexposed.
- You can then darken the background and lighten the subject later on for a more evenly spread exposure.



# Spot Metering



# Spot Metering

- What a spot meter does is to take a meter reading from a specific part of a scene or subject.
- The metering is heavily weighted to the center or pre-selected focusing point covering just 3.8% of the viewfinder area (on average)

# Spot Metering

- Let's say you were photographing a huge barn on a sunny day and the main doors were wide open!
- Although the exterior looked well lit, the inside was still very dark, and the door area took up a large portion of the scene.

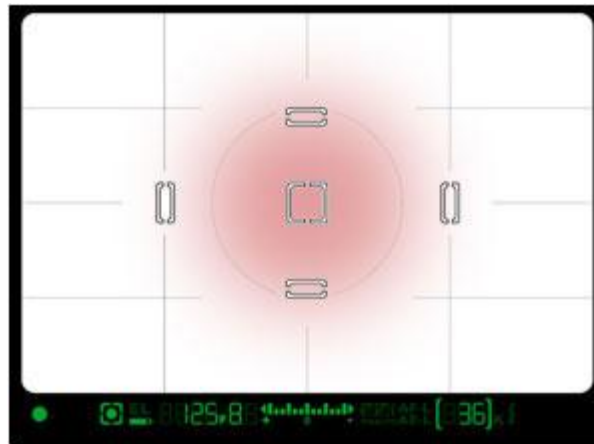
# Spot Metering

- Using **evaluative metering**, the inside of the barn would stay pretty dark and the exterior would be perfect.
- But when using **spot metering**, you aim the center point of the viewfinder at the doorway, take a reading (and maybe hit exposure lock), re-frame and shoot, you would end up with a well exposed interior and probably an overexposed exterior.

# Spot Metering

- With a sophisticated SLR, you are able to take a number of spot readings (up to 8) from one scene and let the camera take an average reading and set the exposure accordingly.
- A great feature if you really want to evaluate a complex lighting subject.


# Centre-Weighted Metering




# Centre-Weighted Metering


- The metering is simply weighted at the center of the image and then averaged out for the entire scene. It is a kind of cross between evaluative and partial metering.

## Canon EOS Metering Icons:

Evaluative 

Partial 

Spot 

Center-weighted Average 

## NIKON METERING ICONS





36/36

NIKON D300S




P 1/60 F5.6 1600 85mm

+1.0 0.0


AUTO 0, 0 sRGB NL

961D3005 DSC\_5958.JPG FINE  
02/03/2010 19:16:08 4288x2848




 101-0070

221/275

**P**  1/1250

**ISO** 80      F2.8

 + $\frac{2}{3}$

AWB

2.26MB

**14M** 4320x3240

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