

<u>QUANTITY</u>	<u>APPEARANCE</u>
> LUMENS	> COLOR TEMPERATURE
> FOOTCANDLES	> COLOR RENDERING
> ILLUMINANCE	
> LUMINANCE	

LUMEN: A unit of light flow, or luminous flux. The lumen rating of a lamp is a measure of the total light output of the lamp.

LUMEN: The amount of light generated by a light source, at the source.

Glossary definition as defined by Architectural Lighting Magazine 2008.

FOOTCANDLE (FC): The English unit of measurement of the illuminance (or light level) on a surface. One footcandle is equal to one lumen per square foot.

FOOTCANDLE (FC): The amount of illumination measured (with a light meter) on a vertical or horizontal surface.

We do not see footcandles.

Glossary definition as defined by Architectural Lighting Magazine 2008.

ILLUMINANCE: A photometric term that quantifies light incident on a surface or plane. Illuminance is commonly called light level. It is expressed as lumens per square foot (footcandles), or lumens per square meter (lux).

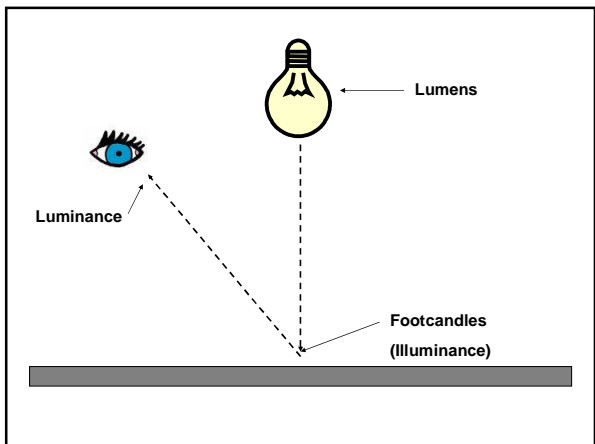
ILLUMINANCE: The term for what a what a light meter measures (in footcandles).

Glossary definition as defined by Architectural Lighting Magazine 2008.

LUMINANCE: A photometric term that quantifies brightness of a light source or of an illuminated surface that reflects light. It is expressed as footlamberts (English units) or candelas per square meter (Metric units).

LUMINANCE: The term for what we actually see, which is reflected illumination off of a surface.

Glossary definition as defined by Architectural Lighting Magazine 2008.



CONTRAST

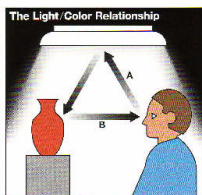
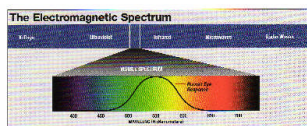
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SIZE

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COLOR TEMPERATURE: The color temperature is a specification of the color appearance of a light source, relating the color to a reference source heated to a particular temperature, measured by the thermal unit Kelvin. The measurement can also be described as the "warmth" or "coolness" of a light source. Generally, sources below 3200K are considered "warm," while those above 4000K are considered "cool" sources.

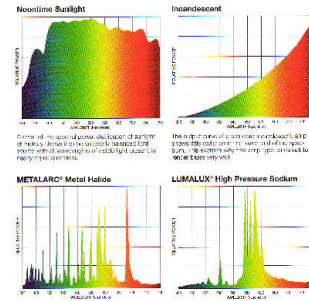
COLOR TEMPERATURE: The outward appearance of the color of a light source (i.e. warm or cool).

Glossary definition as defined by Architectural Lighting Magazine 2008.

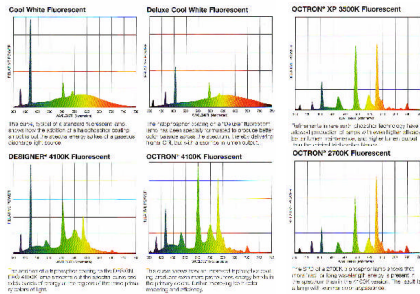
COLOR RENDERING INDEX (CRI): A scale of the effect of a light source on the color appearance of an object compared to its color appearance under a reference light source. Expressed on a scale of 1 to 100, where 100 indicates no color shift. A low CRI rating suggests that the colors of objects will appear unnatural under that particular light source.

COLOR RENDERING INDEX (CRI): The ability of a light source to render colors in comparison to other light sources of a similar color temperature.

Glossary definition as defined by Architectural Lighting Magazine 2008.



Spectral Power Distribution Charts



EFFICACY: A metric used to compare light output to energy consumption. Efficacy is measured in lumens per watt. Efficacy is similar to efficiency, but is expressed in dissimilar units. For example, if a 100-watt source produces 9000 lumens, then the efficacy is 90 lumens per watt.

EFFICACY: Lumens per watt.

Glossary definition as defined by Architectural Lighting Magazine 2008.