

Lighting Terms

\_\_\_\_\_/10

Name: \_\_\_\_\_

- 1pt) \_\_\_\_\_  
The portion of the cone of light created by a theatrical fixture where the intensity is at least 50% of maximum.
- 1 pt) \_\_\_\_\_  
A Clamp attaching to a Boom to hang a lighting instrument from.
- 1 pt) \_\_\_\_\_  
A metallic clamp for attaching theatrical fixtures to battens or scenic elements.
- 1 pt) \_\_\_\_\_  
A smaller version of the lighting plan, used by the lighting designer during the lighting plot.
- 1 pt) \_\_\_\_\_  
Lighting instrument typically made up of multiple cells on separate electrical circuits. Each light is typically geled a different color, Red, Green, and Blue, so theoretically any color can paint the medium.
- 1 pt) \_\_\_\_\_  
A device for controlling the intensity of theatrical fixtures.
- 1 pt) \_\_\_\_\_  
Standard electrical connectors for US households.
- 1 pt) \_\_\_\_\_  
Lighting instrument with an ellipsoidal shaped reflector behind the source and crisp optics used to produce sharp projections, long thin beams, and spotlighting.
- 1 pt) \_\_\_\_\_  
The "whole" cone of light created by a theatrical fixture. More specifically, that portion of the cone of light where the intensity is 10% of maximum or more.
- 1pt) \_\_\_\_\_  
Any lighting instrument with a Fresnel lens. Used primarily to produce soft washes and fill light.

Extra Credit:

What are the 4 main gel manufacturing companies? Identify the colors listed (5 pts)

\_\_\_\_\_ R80 \_\_\_\_\_ L201 \_\_\_\_\_  
\_\_\_\_\_ AP8350 \_\_\_\_\_ G650 \_\_\_\_\_

## Lighting Terms

- 1pt) **Beam Angle** -  
The portion of the cone of light created by a theatrical fixture where the intensity is at least 50% of maximum.
- 1 pt) **Boom Arm (Side Arm)** -  
A Clamp attaching to a Boom to hang a lighting instrument from.
- 1 pt) **C-Clamp** -  
A metallic clamp for attaching theatrical fixtures to battens or scenic elements.
- 1 pt) **Cheetsheet** –  
A smaller version of the lighting plan, used by the lighting designer during the lighting plot.
- 1 pt) **Cyc Light** –  
Lighting instrument typically made up of multiple cells on separate electrical circuits. Each light is typically geled a different color, Red, Green, and Blue, so theoretically any color can paint the medium.
- 1 pt) **Dimmer** –  
A device for controlling the intensity of theatrical fixtures.
- 1 pt) **Edison Connectors** –  
Standard electrical connectors for US households.
- 1 pt) **Ellipsoidal reflector spotlight (E.R.S.)** –  
Lighting instrument with an ellipsoidal shaped reflector behind the source and crisp optics used to produce sharp projections, long thin beams, and spotlighting.
- 1 pt) **Field Angle** –  
The "whole" cone of light created by a theatrical fixture. More specifically, that portion of the cone of light where the intensity is 10% of maximum or more.
- 1pt) **Fresnel** –  
Any lighting instrument with a Fresnel lens. Used primarily to produce soft washes and fill light.

### Extra Credit:

What are the 4 main gel manufacturing companies? Identify the colors listed (5 pts)

1. Apollo, Rosco, Gam, and Lee

R80 Blue

L201 Color Correct Blue

AP8350 Red

G650 Green

## Lighting Terms

<b><u>Field Angle</u></b>	The "whole" cone of light created by a theatrical fixture. More specifically, that portion of the cone of light where the intensity is 10% of maximum or more.
<b><u>Edison Connectors</u></b>	Standard electrical connectors for US households.
<b><u>Cheetsheet</u></b>	A smaller version of the lighting plan, used by the lighting designer during the lighting plot.
<b><u>Ellipsoidal reflector spotlight (E.R.S.)</u></b>	Lighting instrument with an ellipsoidal shaped reflector behind the source and crisp optics used to produce sharp projections, long thin beams, and spot lighting.
<b><u>Fresnel</u></b>	Any lighting instrument with a Fresnel lens. Used primarily to produce soft washes and fill light.
<b><u>Boom Arm (Side Arm)</u></b>	A Clamp attaching to a Boom to hang a lighting instrument from.
<b><u>Cyc Light</u></b>	Lighting instrument typically made up of multiple cells on separate electrical circuits. Each light is typically geled a different color, Red, Green, and Blue, so theoretically any color can paint the medium.
<b><u>Dimmer</u></b>	A device for controlling the intensity of theatrical fixtures.
<b><u>C-Clamp</u></b>	A metallic clamp for attaching theatrical fixtures to battens or scenic elements.
<b><u>Beam Angle</u></b>	The portion of the cone of light created by a theatrical fixture where the intensity is at least 50% of maximum.