

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 spot lighting.
- 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

<u>Field Angle</u>	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.
<u>Edison Connectors</u>	Standard electrical connectors for US households.
<u>Cheetsheet</u>	A smaller version of the lighting plan, used by the lighting designer during the lighting plot.
<u>Ellipsoidal reflector spotlight (E.R.S.)</u>	Lighting instrument with an ellipsoidal shaped reflector behind the source and crisp optics used to produce sharp projections, long thin beams, and spot lighting.
<u>Fresnel</u>	Any lighting instrument with a Fresnel lens. Used primarily to produce soft washes and fill light.
<u>Boom Arm (Side Arm)</u>	A Clamp attaching to a Boom to hang a lighting instrument from.
<u>Cyc Light</u>	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.
<u>Dimmer</u>	A device for controlling the intensity of theatrical fixtures.
<u>C-Clamp</u>	A metallic clamp for attaching theatrical fixtures to battens or scenic elements.
<u>Beam Angle</u>	The portion of the cone of light created by a theatrical fixture where the intensity is at least 50% of maximum.