

Theatre Arts Video Library

Conducting Light

Lighting Quiz: Part 1

1. A Fresnel spotlight generally creates what kind of light?
 - A. A soft pool of light
 - B. An oval pool of light
 - C. Either a soft or hard pool of light
 - D. None of the above
2. The numbers 6" or 8" when referring to a Fresnel denotes what about the instrument?
 - A. The distance of the lens to the lamp
 - B. The distance of the lens to the reflector
 - C. The diameter of the lens
 - D. The diameter of the instrument
3. Which of the following is not accurate when referring to Fresnel?
 - A. The ability to spot and flood
 - B. Shutters can chop away portions of the light
 - C. Can be hung upside down
 - D. Can be used with a color and frame
 - E. Both B & C
4. A LEKO is also known as a
 - A. PAR Can
 - B. Fresnel
 - C. Ellipsoidal Reflector Spotlight (ERS)
 - D. Ellipsoidal Reflector Followspot (ERF)
5. Which of the following is not part of a LEKO?
 - A. Shutter
 - B. C-clamp
 - C. Yoke
 - D. Barrel
 - E. Parabolic Aluminized Reflector

6. To change the edge on a LEKO's light beam, a designer may ask you to run the?

- A. Bolt
- B. Bucket
- C. Train
- D. Barrel
- E. None of the above

7. When referring to a LEKO, the 9 in 6X9 is what?

- A. Diameter of the lens
- B. Size of the lamp
- C. Focal length of the lens
- D. None of the above

8. A 6X12 has an approximate beam spread of how many degrees?

- A. 40 degrees
- B. 30 degrees
- C. 20 degrees
- D. 10 degrees

9. A zoom instrument has the ability to?

- A. Widen and narrow the beam of light
- B. Soften or harden the edge of light
- C. Change the beam of light from a circular shape to an oval shape
- D. Both B & C
- E. Both A & B

10. The "Hot Spot" refers to the?

- A. Bottom of the beam
- B. Top of the beam
- C. Center of the beam
- D. None of the above

11. The word PAR stands for?

- A. Parallel Aluminum Refractor
- B. Parabolic Aluminized Refractor
- C. Parabolic Aluminized Reflector
- D. None of the above

12. A PAR Can does not have which of the following?

- A. Lens
- B. Shutters
- C. Gate
- D. Changeable lamps
- E. Answers A, B, C
- F. None of the above

13. Which is not one of the benefits of using a PAR Can?

- A. Intense beam of light
- B. Easy to focus
- C. A very sharp edge of light
- D. Both B & C
- E. None of the above

14. Which of the following is not contained in a Beam Projector?

- A. Lamp
- B. Reflector
- C. Knob or crank to adjust the beam width
- D. Lens

15. The (usually) white backdrop that is often lit to look like a sky or solid field of color is known as?

- A. Cyclorama
- B. Scrim
- C. Canvas
- D. Batten
- E. None of the above

16. Striplights can often have a piece of colored glass called a?

- A. Gobo
- B. Gel
- C. Rounder
- D. Roundel

17. Which of the following is not a type of light often used to light a backdrop?

- A. Far Cyc
- B. Cyc Strip or Striplight
- C. Scoop
- D. Beam Projector

18. The type of connector most often found and most durable on a standard theatrical instruments?

- A. Parallel blade
- B. Edison
- C. Twist-Lock
- D. Stage pin
- E. None of the above

19. The three-letter code that is used to differentiate lamp types is called?

- A. ABC Code
- B. ANSI Code
- C. URL Code
- D. ANSD Code

20. The "K" in 2K refers to?

- A. Hundreds of Watts
- B. Thousands of Volts
- C. Millions of Watts
- D. Thousands of Watts

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