

BasicElectrics

Instruments



Altman 360Q: An ellipsoidal reflector spotlight (ERS) used to throw a narrow, well-defined beam. Usually with a 6" diameter lens, the 360Q is referred to by the distance from the reflector to the lens: 6x9, 6x12, 6x16, or 6x22. The 360Q has a 7.25" gel frame, and is capable of holding a gobo. Focus is adjusted by loosening a thumbscrew on top of the barrel and sliding the lens assembly back and forth.



Altman 1KL: Also an ERS, the 1KL is much heavier than the 360Q, but has different beam properties. Primarily, it can achieve a fuzzier focus. The 1KL also has more versatile (if harder to use) shutters. It holds a 7.25" gel and will take a gobo. Focus is adjusted by loosening a thumbwheel on the bottom of the instrument and sliding the primary lens back and forth. Unlike 360Qs, 1KLs are labeled in terms of their beam angle: We have 12, 20, and 30-degree instruments.



Par-64: The Par is a very simple instrument consisting of a lamp placed within a large can, from which it derives its nickname "Parcan." Pars have no lens besides that built into the lamp, thus they are not focusable. However, the oblong hotspot can be adjusted by rotating the lamp ("spinning the bottle") within the barrel. Pars are identified in terms of the diameter of the lamp, measured in 1/8" increments. For example, the Par64 has an 8" lamp, which is available in several beam dispersions: VNSP (Very Narrow Spot), NSP (Narrow Spot), MFL (Medium Flood) and WFL (Wide Flood). Pars take a 10" gel.



Arri Fresnel: The Arri is a 2kW fresnel lens instrument. It produces a high-intensity even flood of light. The focus is adjustable by spinning a dial on the back of the instrument, which adjusts the position of the lamp with respect to the lens. The Arri uses a 9" diameter round gel.



Altman 1AF: Another fresnel, the 1AF is lighter weight and uses a 1kw lamp. They work well for floor mounts offstage, area lighting from a short throw (i.e. PAB room 204) and diffuse specials in tight places. They are focused by moving a lever on the back, which adjusts the position of the lamp relative to the lens. The 1AF uses a 7.25" gel.



ZipStrip: A strip of low-voltage projector lamps used to provide an even linear wash across a wall or cyc. The strips have 3 circuits, allowing them to be gelled in three independently controllable colors. Strips are not focusable. Strips use a 3"x5" gel per each lamp.



Scoop: A scoop is an instrument with no lens which is used to throw a large, diffuse flood of light on the stage. Scoops are not focusable and do not have shutters. Scoops use a 14" gel.

CCT Zoom: The Zoom is an ERS which allows for a variable beam angle between 15 and 30 degrees.

Rain light: Small instruments used to throw a spot of light over short distances. Often used for mirror balls or other effects.

Inkie Fresnels: Small 3" fresnels used for footlighting and when light is needed in tight places, such as under a platform.