



# BERKEY TECHNICAL (UK) LTD

## Type 414 SENIOR SOLARSPOT

**This is a vintage film spotlight manufactured by Mole Richardson for Berkey Technical. It's a Type 414 5Kw Senior Solarspot, dating from the 1950's.**

**Although it was manufactured by Mole Richardson it is badged as a Berkey Technical lantern but the specification is the same as Mole Richardson's own product .**

**This light was salvaged from a world famous film studio just outside London and was in completely original condition when discovered. Perfect for dressing and lighting events and parties that require a retro or vintage look or just to add an original design as a talking point**

This impressive lantern is original in all mechanical respects. The body is painted in a light metallic blue/green colour and retains the patina of a hard working life. All of the original fittings have been cleaned and left as they are.

The unique interior focusing mechanism has been stripped back to its individual components, and all of the components restored to their original function and is now fully operational once again.

The bi-pin lamp holder is intact and an adapter plate fitted to it to locate an E27 lamp holder and an LED lamp to exactly the same filament centre height as the original 5k Tungsten Halogen bulb. The light has been completely rewired using 3m of cloth covered elephant grey cable with an in line switch. The original holophane fresnel lens and reflector have been re-fitted and are in excellent condition

Because of it's impressive size - over 15" in diameter and 24" long we have fabricated a heavy duty floor stand to carry the lantern.

Price £475 including carriage to a UK mainland address.

Delivery via FedEx or DHL outside the UK charged at cost.









## SENIOR SOLARSPOT

M-R Type 414 5000-Watt



### ACCESSORIES

(Sold Separate from the Lamp)

The Barn Door is used to cut off light from the camera and also to provide special lighting effects. Diffusing material of various kinds is inserted between the double rings of the Diffuser Frame and held in place by clips around the outer edge.

Control of the light intensity is the function of the Shutter. This accessory is of particular value in color photography, where it is often necessary to change the intensity of the light without in any way altering the color values of the projected illumination.



BARN DOOR



DIFFUSER FRAME



SHUTTER

The Senior SOLARSPOT is the largest of the series and is particularly adapted to back-lighting where high-wattage units are desirable. The wide range of beam control also permits its usage as a photographic light unit for front- and side-lighting. The desirability of light weight makes itself especially evident in this large-wattage lamp.

### SPECIFICATIONS

**Construction:** Rugged, light, sheet metal with interlocking channels for ventilation.

**Condenser:** 14" Fresnel—10° to 50° divergence.

**Mirror:** Alzak Aluminum

**Socket:** Mogul Bipost.

**Globes:** (Not included in price)

5000-Watt, G-64, C-13 Mogul Bipost,  
in 3200°, 3350° MP or CP Kelvin.

**Focusing:** By handle on front or back.

**Cable:** 25 feet loom covered with stage plug.

**Finish:** Head, black wrinkle; Stand, black enamel.

**Weight:** Head, 81 pounds; Pedestal, 21 pounds.

### PEDESTAL

The braced-leg Pedestal supplied with this equipment is designed to fold up, as shown in the cut at the right, for convenience in transportation. One telescoping lift permits the lamp to be elevated from a low position of 65 inches, as measured at the axis of the optical system, to a high position of 96 inches. The Pedestal is supplied with 4-inch rubber-tired casters of the ball-bearing type. The distance from the top of the Pedestal to the optical axis is 20½ inches.



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