

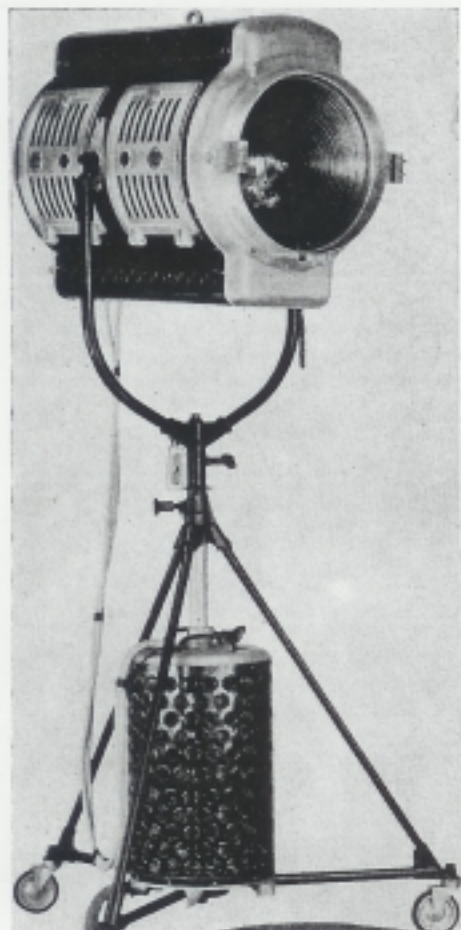
Lighting—Sets—Decor

M-R Solarspots • Repeating Flash Bulb • The Boys of "Thirty Seven"

Lighting Equip. Modernization

... Solarspot lamps
engineered directly
for camera needs ...

Within the past year and a half, an entirely new type of lamp, born and bred of film studio heritage, has come into wide use. An outstanding example is the "Solarspot," evolved by Mole-Richardson and engineered on radically new principles, with the specific problems of the cameraman in mind. Paramount feature of these lamps is silkily smooth distribution of light at all beam-spreads, especially when the beam is spread out to the degree most often used in studio lighting. Illumination is even

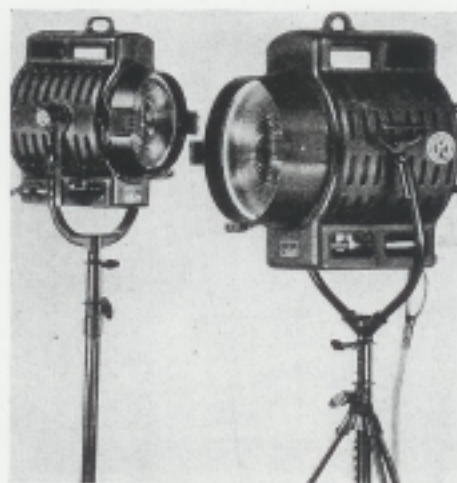


from one edge of the beam to the other. There are no "hot spots" or shadows, and the beam may be flooded out to a spread twice the widest beam possible with a mirror-lamp. At the same time, when concentrated to a spot, the beam of a "Solarspot" is highly potent.

This is accomplished by a new type of lens, the "Morine" Fresnel-type. It looks as though someone had tried to make a bull's-eye target out of a big disc of glass. Actually, it is half-a-dozen lenses rolled into one. Each of the circular "steps" has its own lenticular curvature, suiting it to just the work that part of the lens has to do. Behind this lens is the lamp-globe, and behind the globe is an efficient spherical (not parabolic) mirror, which picks up the light radiated by the rear side of the globe, and tosses it back to where the lens can pick it up and use it.

The new lamps are available in four sizes. First to make its bow was the Junior Solarspot, a 2000-Watt unit that is supplanting the familiar 18" mirror lamp. Next came the Senior Solarspot, a 5000-Watt unit. Available this month are two brand-new, smaller Solarspots: a 500-Watt "Baby Solarspot" and a 1000-Watt intermediate size. It is claimed that these last two, competing directly with the familiar condenser-lens type spotlights, will outperform their opposite numbers two to one.

Other new styles and types of lighting equipment from various manufacturers will be covered in news and pictures in coming issues of INTERNATIONAL PHOTOGRAPHER.



Left: A Mole-Richardson "H. I. Arc"

Repeat Flash Bulb

... G-E continuous still
shot device out soon ...

Long sought by portrait photographers, a flood-flash lamp that repeats indefinitely and gives a cooler, more economical and effective light source, is nearing perfection at General Electric laboratories at Nela Park in Cleveland. The new lamp is about as effective photographically as the same company's No. 20 Photoflash lamp, but it can be flashed hundreds of times, whereas the usual flash lamp flares but once.

The new development combines a 100-watt mercury lamp with a compact control mechanism. Experiments have proven that the lamp has ability to withstand an untold number of sudden powerful doses of electrical energy, while

