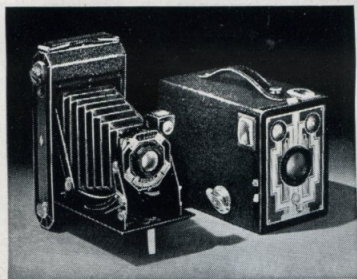




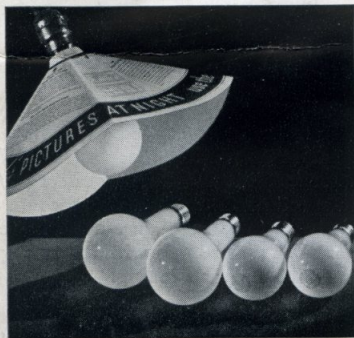
Now you can take
SNAPSHOTS
INDOORS AT NIGHT
WITH ANY CAMERA

All You Need

TO TAKE SNAPSHOTS INDOORS AT NIGHT BY ARTIFICIAL LIGHT



ANY CAMERA that can be loaded with Kodak "SS" Pan Film may now be used to take snapshots indoors at night by artificial light. This includes box Brownies and other single and doublet lens cameras, as well as the most versatile of Kodaks. In addition to the camera and the film, you need only two or three Mazda Photoflood Lamps and suitable reflectors. Follow the suggestions in this folder.



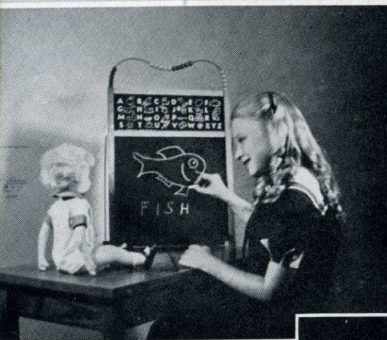
PHOTOFLOOD LAMPS fit all regular lamp sockets. When lighted they literally flood the subject with picture-taking "sunshine." Two sizes for the amateur: No. 1, 25 cents; No. 2, 50 cents. The No. 2 has twice the light and three times the life of the No. 1. • To make snapshots with box cameras, and other single and doublet lens cameras, you need two or three No. 2 Photofloods in Model B Kodak Handy Reflectors, or similar reflector units. • Cameras with $f.6.3$ or faster lenses can make snapshots with No. 1 Photofloods in reflectors. If No. 2 Photofloods are used, however, with the faster lens cameras, you may use a more rapid shutter speed to stop action, or a smaller diaphragm opening to secure a greater range of sharpness throughout the picture.



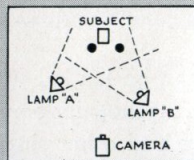
KODAK "SS" PAN FILM is Eastman's completely color-sensitive and lightning-fast film especially adapted for making night snapshots and other indoor pictures. Yields prints of outstanding beauty and clarity. For proper exposure, see table on the back of this folder.

FOLLOW THESE *Simple Suggestions* FOR

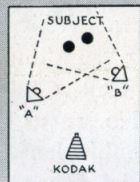
TAKING SNAPSHOTS OR OTHER INDOOR PICTURES AT NIGHT



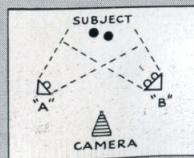
Brownie camera snapshot, largest stop, "SS" Pan Film. Two No. 2 Photo-floods in Kodak Handy Reflectors, Model B, 3 and 4 ft. from subject.



No. 2 Photo-flood in reflector at "A", 5 ft. from subject. No. 1 Photo-flood in reflector at "B", 4 ft. from subject. Stop f.8. 1/10 sec. "SS" Pan Film.



One No. 1 Photo-flood in reflector at "A", two No. 1 Photo-floods in lamp with large shade at "B", 5 ft. from subject. Stop f.4.5, 1/50 sec. "SS" Pan Film.



BOX BROWNIE, SINGLE AND DOUBLET LENS CAMERAS



To take a snapshot indoors at night with a box Brownie, or most other single or double lens cameras, load the camera with Kodak "SS" Pan Film. Select a room with light colored walls, and arrange two bridge type lamps as shown in the illustration at the right, one three feet, the other four feet from the subject. Replace the shades with inexpensive Kodak Handy Reflectors, Model B. Place one No. 2 Mazda Photoflood bulb

in each of the lamps. Frame your subject in either the vertical or horizontal finder of the camera. Use the largest diaphragm or stop opening. Hold the camera steady and press the shutter lever. Cameras with adjustable shutter speeds should be set to take the picture at 1/25 second.

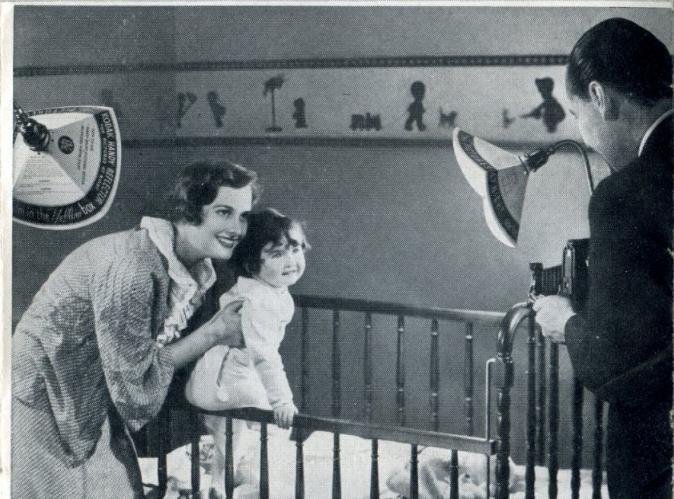
F.6.3 AND FASTER LENS CAMERAS

CAMERAS with f.6.3 or faster lenses, loaded with "SS" Pan Film, can take the picture described above with two No. 1 Photofloods in reflectors. With the diaphragm set at f.6.3 snap the picture at a speed no faster than 1/25 second.

If two No. 2 Photofloods in reflectors are used, however, the picture can be taken at 1/50 second with an f.11 opening, or at 1/25 second with an f.11 opening.

TIME EXPOSURES

ANY CAMERA that can be set for "Time" can take time exposures of subjects with either No. 1 or No. 2 Photofloods. Place the camera on a solid support. Frame subject in finder. With shutter set for "Time," press lever once to open lens; and again after the exposure to close the lens. The length of time the lens should be left open to take the picture depends upon the kind of film used, number of lights and type of reflectors, and the distance the lamps are from the subject. With "SS" Pan Film and two No. 1 Photofloods in home



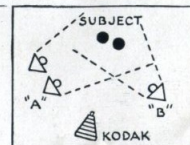
lamps with regular reflectors 5 to 10 feet from the subject, make an exposure of one-half to two seconds at stop f.8. Double the exposure time if Verichrome or Panatomic Film is used.

PHOTOFLOOD TIME EXPOSURES OF ROOM INTERIORS

WHEN Photofloods are used in ceiling or wall lamps for general illumination to take time exposures of room interiors, a much longer exposure time is required than for taking close-ups with lights in reflectors held close to the

HOW THE SNAPSHOT ON THE COVER WAS MADE

1/25 second, stop f.6.3. Two No. 1 Photofloods in Kodaflector at "A." One No. 1 Photoflood in home lamp at "B." Lamps about 4 and 5 feet from subject. "SS" Pan Film.



subject. Color of furnishings, for example, and tone of the wall paper must be taken into consideration as well as the kind of film used, reflectors, and number of lights. If in doubt as to the proper exposure, it is suggested that you take two pictures of the same subject, allowing twice as long an exposure time for the second picture as for the first.

HELPFUL HINTS

For more pleasing pictures with Photofloods, especially close-ups, lamps should be placed on each side of the subject, and closer to the subject on one side than on the other. At least one lamp should be a foot higher than the subject's head. If Photofloods are used on only one side, be sure to place something on the other side of the subject to reflect light onto the shadowed side. A sheet thrown over a screen or high-backed chair will do.

Where home lamps are used with the regular shades, tip them to direct the light onto the subject. If this is not possible, remove the shades and hold some sort of reflector *back* of the bare lamps to throw the light forward. A white cardboard will help.

Complete all preliminaries with ordinary bulbs in the lamps, then when ready, replace with Photofloods. With focusing cameras, get the distance right. If, for example, you have focused for six feet, be sure that the distance from the subject to the lens is just six feet. Better measure it.

CAUTION: *Photoflood Lamps, especially the No. 2 size, become quite hot and should not be permitted to come into contact with the fabric of shades on home lamps, or other inflammable materials.*

PHOTOFLASH PICTURES



FOR night pictures where it is not convenient or practical to use Photofloods, use the Mazda Photoflash bulb. This bulb gives an instantaneous flash of light (about 1/50 second). It is good for one picture. No noise, no flame, no smoke. Fits any home lamp socket, or may be used in portable reflector containing flashlight batteries.

Set the camera for "Time," and place it on a solid support. Press shutter lever

to open lens, flash the bulb, and press shutter lever to close lens. Use largest stop on single or doublet lens cameras.

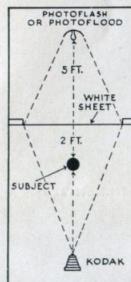
Photoflash comes in two sizes for amateurs: No. 10, 15 cents; No. 20, 25 cents. If used with a Model B Kodak Handy Reflector, the smaller bulb will be found satisfactory for most indoor shots. Hold about 10 feet from subject.

When using indoors, bright room lights near the subject should not be on, or a secondary image may be recorded if the subject moves, before or after the flash, when the camera shutter is open.

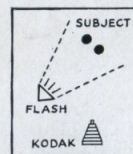
HOW TO TAKE SILHOUETTES

STRETCH a sheet tightly across a doorway between two rooms and follow the diagram below. For box cameras, or other single and doublet lens cameras, use one No. 2 Photoflood, or two No. 1 Photofloods, in a home lamp, shade removed. Set camera to take "Time" exposure, and place on a solid support. Use largest "stop." With Kodak "SS" Pan Film, allow about two seconds for the exposure. For cameras with f.6.3 or faster lenses, expose for about one-half second at the f.6.3 opening. If Kodak Verichrome or Panatomic Film is used, double the exposure.

To make silhouettes with Photoflash bulbs, set the camera for "Time." Press the shutter lever to open the lens, flash the bulb, and press the shutter lever to close the lens. Silhouette pictures are best in profile. Use either Kodak Verichrome, Panatomic, or "SS" Pan Film.



Photoflash bulb in reflector, 8 ft. from subject. Camera 10 ft. Stop f.8. "SS" Pan Film.



SNAPSHOTS

with any camera and No. 2 Photofloods. With *f*.6.3 or faster lens camera use No. 1 or No. 2 Photofloods.



Replace regular bulbs and shades of home lamps with Photofloods and Model B Kodak Handy Reflectors. Load camera with Kodak "SS" Pan Film. Follow directions inside folder.

QUICK TIME EXPOSURES

with any camera having a "Time" adjustment. Use No. 1 or No. 2 Photofloods.



Replace bulbs in home lamps with Photofloods, with or without reflectors. Load camera with Kodak "SS" Pan Film, Panatomic, or Verichrome Film. Directions inside folder.

PHOTOFLASH PICTURES

with any camera having a "Time" adjustment. Use either No. 10 or No. 20 Photoflash bulb.



Equip any home lamp with Photoflash bulb and Kodak Handy Reflector, or use a Portable Reflector Unit as shown above. See directions inside folder.

EXPOSURE TABLE

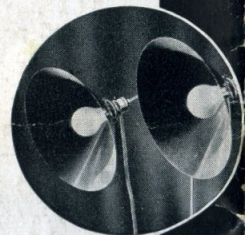
For Pictures of People with Kodak "SS" Pan Film and Two Photoflood Lamps in Model B Kodak Handy Reflectors

Distance Lamps to Subject	*Diaphragm or "Stop" Opening	†Exposure in Seconds	
		No. 1 Photofloods	No. 2 Photofloods
4 feet	<i>f</i> .4.5	1/50	1/100
4 "	<i>f</i> .6.3	1/25	1/50
4 "	<i>f</i> .11 (U.S.8)	1/10	1/25
4 "	<i>f</i> .16	1/5	1/10
6 feet	<i>f</i> .4.5	1/25	1/50
6 "	<i>f</i> .6.3	1/10	1/25
6 "	<i>f</i> .11 (U.S.8)	1/5	1/10
6 "	<i>f</i> .16	1/2	1/5

*To make snapshots with box cameras or other single or doublet lens cameras, use largest "stop" opening and No. 2 Photofloods. Have one lamp 4 feet from subject; the other 3 feet from subject. Rooms should have light colored walls. With dark walls, more Photoflood lamps in reflectors will usually be required. Do not use more than three No. 2 lamps or five No. 1 lamps on a single fused circuit.

†For Panatomic or Verichrome Film double the exposure.

THE KODAFLECTOR makes indoor pictures easier by increasing the efficiency of Photoflood and Photoflash lamps. It is the ideal lighting unit. Two aluminum reflectors, adjustable to various angles, telescopic standard, and 12 ft. extension cord; complete unit readily portable. Price without lamps, \$5.00. Adapter needed for use with No. 2 Photofloods.



KODAK HANDY REFLECTOR (Model B)

These inexpensive cardboard reflectors, used on home lamps, conserve much of the light that is ordinarily lost. Instructions for their use are given on the reflectors. Sets of two are 25 cents.

KODAK "SS" PAN FILM

The lightning-fast film with green "flashes" on the familiar yellow box. Kodak "SS" Pan Film is sensitive to all colors and is the ideal film for snapshots at night because of its extreme sensitivity to artificial light. It costs but a few cents more.

