

## NIGHT-LIGHT SCENES

- 1 Ice shows, in multiple white spotlights. If spotlights are colored, use Scene 4.
- 2 Burning buildings, fires. For detail in surrounding areas, use Scene 5.
- 3 ● Brightly lighted stage-theater acts. If lights are colored or subdued in "mood" situations, use Scene 6.  
● Brightly lighted boxing, wrestling, rings. For spectator-shots in close proximity of ring, use Scene 5.
- 4 Neon-electric signs, theater marquees. To capture some detail in surrounding area, use Scene 7.
- 5 ● Campfire groups. (Keep subjects close, but safe from heat and flames.)  
● Bright TV and movie screen pictures, at 1/25 or 1/30 sec only. If in color, use Scene 8.  
● Brightly spotlighted aerial circus performances. For acts on ground level or spectators in lower seats, use Scene 7.
- 6 ● Brightly illuminated store display windows.  
● Brightly lighted gas stations.
- 7 ● Indoor lighted Xmas tree. For detail in tree decorations, gifts, etc. (or if people are in picture), a double exposure may be necessary. Use long exposure, sufficient to include flash fill-in. However, if room is brightly lighted, flash will not be needed.  
● Brightly lighted interiors of homes, offices, restaurants and stores.  
● Portraits, by brightly illuminated store display windows and theater marquees.
- 8 ● Broadway-type, brightly lighted Main streets. For emphasis on reflections of rain-wet streets, use Scene 6.  
● Baseball and football night games, and other sports-events on floodlighted fields and stadiums.  
● Race tracks.
- 9 ● Fireworks, lightning bolts. Use /stop calculated at one-second exposure (or set camera at OPEN) for each burst, or streak. Try double exposures for pleasing results.  
● Brightly lighted amusement parks, fairs, carnivals, and shopping centers.  
● Intricate pattern designs of vehicular headlights, ferris wheels, and other illuminated amusement rides. Use an extra-long exposure, sufficient to include several elliptical, circular, and straight movements of lights.
- 10 ● Gymnasiums, auditoriums, arenas, and average bright artificially lighted indoor exhibitions (basketball games, flower shows, boat shows, etc.)  
● Portraits, by 150-watt table lamp.
- 11 ● Floodlighted water fountains, monuments, and buildings at close distances. At 25- to 50-ft. distances, use Scene 13. If lights are colored or subdued, open up lens from one to two full stops... depending on density of lighting effect.  
● Dimly lighted gas stations.  
(See Inside Flap For Other Night-Light Scenes)

FOLD BACK ALONG THIS LINE

## THE JIFFY CALCULATOR

### FOR NIGHT-LIGHT EXPOSURES

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NIGHT-LIGHT SCENE	ASA FILM SPEED	SHUTTER SPEED, or TIME EXPOSURE	LINE UP TO NIGHT SCENE NUMBER IN LEFT WINDOW	EQUIVALENT EXPOSURES APPEAR IN RIGHT WINDOW	SHUTTER SPEED, or TIME EXPOSURE
1					
2					
3					
4					
5					
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25					
26					

For night photography, use fastest film possible. With black-and-white films, use tungsten indexes. Flash-type and tungsten-type color films tend to give more normal renditions in "mazda" light. Daylight-type color films render much warmer results, but are quite satisfactory.

It may be advisable at first, and especially with slow films, to bracket all exposures at least one stop over and one stop under, until light values and special effects of various "night scenes" are more easily predetermined with use of the Jiffy Calculator.

**NOTE:** If exposures are less than 1/25 sec. USE TRIPOD.

(See back-flaps for Night-Light Scene Numbers)

FOLD BACK ALONG THIS LINE

- 12 Medium-bright artificially lighted interiors of homes, offices and stores; hotel and theater lobbies, hospital rooms; and airport, bus, and train terminals.
- 13 ● Outdoor lighted Xmas trees, home and building decorations. If taken after dark, to capture some outlines of surroundings, use long exposure sufficient to include underexposed flash fill-in (at one-half recommended guide number). However, if taken at dusk... no flash will be needed.  
● Match-light candlelight or cigarette lighter close-ups. (Use white reflector fill-in for detail in shadowed areas.)
- 14 Medium bright, artificially lighted interiors of subway trains, pullman coaches, busses, and airliners.
- 15 ● Medium bright streetlamp, corners, and side streets.  
● Bright, Manhattan-type "night" moonscapes at DUSK only! Try double exposure effect, combining Scene 15 at dusk and Scene 21 or 23 at night. Moon may be included if exposure is 1/25 sec or faster. Otherwise, sun-perimpose moon with a separate exposure. (See: MOON SHOTS)
- 16 Niagara Falls, in white lights.
- 17 Dimly lighted subway stations, platforms, and stairways.
- 18 Dimly lighted night-clubs, ballrooms, etc.
- 19 Railroad stations (outdoors), freight yards, and dimly lighted industrial plants with scattering of window lights, bulbs, and pole-lamps. On rainy or foggy nights, use Scene 17. If snow is on ground, use Scene 21.
- 20 Niagara Falls, in colored lights.
- 21 Manhattan-type "skyness" of buildings, bridges, etc. with scattering of window lights and other minute illuminations. Try double exposure. With a superimposed moon!
- 22 Dimly lighted boat yards, docks, and wharfs. On rainy or foggy nights, use Scene 24.
- 23 Dimly lighted small towns, villages, hamlets, etc., with a scattering of faint window lights and street lamps.
- 24 Full-moon snowscape, and teescape.
- 25 Full-moon seascape, and sandscape.
- 26 Full-moon landscape.

### MOON SHOTS

For pictures of moon only (not scenes), find exposure as follows: Set film speed at Scene 1. For "full-moon" close lens down one stop, for "half-moon" use exposure on calculator, and for "crescent moon" open up lens one stop. **Note:** Shutter speed must be 1/25 sec (or faster) or moon will be blurred in picture.

### STAR TRAILS

Line up film speed at Scene 26, and then convert shutter speeds to time exposures as follows: seconds become minutes, and minutes become hours. Use long exposures!

## SLIDE

2 hr
90 min
1 hr
45 min
30 min
22 min
15 min
12 min
8 min
6 min
4 min
3 min
2 min
90 sec
1 min
45 sec
30 sec
22 sec
15 sec
12 sec
8 sec
6 sec
4 sec
3 sec
2 sec
1 sec
1/2 sec
1/4 sec
1/8 sec
1/15 sec
1/30 sec
1/60 sec
1/125 sec
1/250 sec
1/500 sec
1/M sec

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1
1.5
2
3
4
6
8
12
16
24
32
50
64
100
125
200
250
400
500
800
1000
1600
2000
3200
4000
6400
8000

**RECIPROCALITY FAILURE**

To make this calculator fully adaptable for all film speeds, and to incorporate their equivalent exposures, no allowances for "reciprocity failure" were possible. Therefore, it is advisable to take a few extra shots, with lens opened up... a stop or two, especially with long exposures.