

# Pictures Outdoors at Night

in black and white

AC-21



You'll be proud of the striking pictures you can take outdoors at night! Photography "after hours" offers special effects that you cannot get in daylight. There's a great variety of subject matter for picture-taking after dark, too. And all you need is a camera with a "B" or "T" setting or, to take handheld exposures, a camera with an  $f/2.8$  (or faster) lens.

To take black-and-white pictures at night, we suggest that you use KODAK TRI-X Pan Film (ASA 400), KODAK PLUS-X Pan Film (ASA 125), or KODAK VERICHROME Pan Film (ASA 125). The high speed of TRI-X Pan Film allows you to use a shutter speed

of 1/60 second or faster for many outdoor shots at night. You can hand hold your camera and get good pictures when you use a shutter speed of 1/30 second or faster. Be sure to hold your camera steady and squeeze the shutter release gently.

For some shots, you may want to make a time exposure. You can make time exposures with a camera that has a "B" or "T" setting. When you set your camera shutter on "B," the shutter remains open as long as you hold down the shutter release. When you let go, the shutter closes. (If there is a "T" setting on your camera, the shutter opens when you push the

button, and stays open until you push and release the button a second time.)

To get sharp pictures, keep your camera steady during a time exposure by using a tripod or other firm

support. For maximum steadiness, also use a cable release if your camera has a cable release socket. This prevents camera jiggling, because you don't touch the camera while the picture's being taken.

Most cities and towns have at least one floodlit building and possibly an illuminated fountain. Floodlit churches, government buildings, and university towers are all excellent subjects. When you're vacationing in a large city, don't put your camera away at night. Some of the best memories of your trip can be pictures taken after dark. Try framing this type of picture with a foreground subject, such as a tree branch. And after a rain, be on the lookout for a wet sidewalk that reflects floodlit buildings.



Don't forget to photograph brightly lit nightclub and theater districts, like Times Square and Las Vegas. These scenes are packed with activity at night and invite imaginative picture-taking.



Why not photograph those outdoor Christmas decorations that took so long to put up? They're well worth remembering and make excellent picture subjects. And while you're driving around to admire other people's handiwork, take your camera along to photograph the most outstanding examples. Keep a photo album of your home's outdoor displays from year to year. The whole family enjoys these happy memories.



Are you a sports fan who wants to capture the action? Then photography after dark is for you! Take your camera to the next night football, baseball, or soccer game; the drag races; or the race-track. You'll get sharper pictures if the action is coming towards you rather than at right angles to the camera.



Have you ever photographed a fireworks display? It's easy to do and you'll be proud of the results. In fact, you can capture several bursts in one picture for an effect that is more spectacular than the real thing! Fireworks pictures should always be time exposures. Use a tripod or other firm support to prevent camera movement. Focus your camera on infinity. Aim the camera in the direction of the bursts and keep the shutter open for several bursts.



Photographs can be simple, yet beautiful. A setting sun, tumbling waves, and a scraggly tree — combine these and you can create a very satisfying picture. Replace the waves with skyscrapers and the tree with a bridge. The effect is still pleasing. Imaginative planning is a key to good pictures.



## SUGGESTED EXPOSURES FOR PICTURES OUTDOORS AT NIGHT WITH BLACK-AND-WHITE FILMS

Picture Subjects	KODAK Films	
	TRI-X Pan	PLUS-X Pan and VERICHROME Pan
Brightly lit nightclub or theater district scenes (like Times Square and Las Vegas)	1/60 sec <i>f</i> /4	1/30 sec <i>f</i> /2.8
Brightly lit downtown street scenes (Wet streets make good subjects.)	1/30 sec <i>f</i> /4	1 sec <i>f</i> /11
Sports at night — football, soccer, baseball, drag races, and racetracks	1/125 sec <i>f</i> /2.8	1/30 sec <i>f</i> /2.8
Christmas lighting on homes	1 sec <i>f</i> /8	1 sec <i>f</i> /4
Sunsets	1/125 sec <i>f</i> /16	1/60 sec <i>f</i> /11
Skylines (shortly after sunset)	1/125 sec <i>f</i> /5.6	1/60 sec <i>f</i> /4
Store windows	1/60 sec <i>f</i> /4	1/30 sec <i>f</i> /2.8
Floodlit buildings, fountains	1 sec <i>f</i> /5.6	1 sec <i>f</i> /2.8
Burning buildings, campfires, bonfires	1/60 sec <i>f</i> /4	1/30 sec <i>f</i> /2.8
Fireworks displays	<i>f</i> /22	<i>f</i> /11
	(keep the shutter open for several bursts)	

*NOTE:* Use a tripod for shutter speeds slower than 1/30 second.

*Consumer Markets Division*

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