

Exposures may be determined by their relative distance from the BASIC DAYLIGHT EXPOSURE which will always remain constant. The formula for computing this BASIC DAYLIGHT EXPOSURE is easy to remember. The correct f/stop will be f/16 if you use the ASA of the film as the shutter speed.

Example: ASA125 ASA 64
Shutter Speed.....1/125 Shutter Speed..... 1/60
f/stop.....f/16 f/stop..... f/16

Any other comparable combination shutter speed and f/stop will give you the same exposure results.

Example: ASA 125 1/125 @ f/16 ASA 1251/250 @ f/11
ASA 125 1/500 @ f/8 ASA 1251/2000 @ f/4
ASA 125 1/60 @ f/22 ASA 1251/15 @ f/45

SITUATION EXPOSURE

Sunlight — Normal Subject in Sunlight:Use Basic Daylight Exposure
(This is also the correct exposure for taking a picture
of the moon when it is full. Open 1/3 stop for 2/3 moon,
1/2 stop for half moon, etc.)
Sunlight — Dramatic effect or silhouette shooting directly..... Use 2 stops less than BDE
into the sun.
Sunlight — Bright Snow or Sand..... Use 1 stop less than BDE
Sunlight — Backlit subject, exposing for shadow area Use 2 stops more than BDE
Overcast — Weak, hazy (very soft shadows) Use 1 stop more than BDE

Brooks Institute Basic Daylight Exposure (BDE) Guide

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Overcast — Normal, Cloudy, Bright.....	Use 2 stops more than BDE
Overcast — Heavy or Open Shade.....	Use 3 stops more than BDE
Neon Signs, other lighted signs	Use 5 stops more than BDE
Stage Shows, with Bright Light	Use 5 stops more than BDE
with Average Light	Use 7 stops more than BDE
Flood Light Acts (Ice Shows)	Use 6 stops more than BDE
Flood-lit Acts (Circus, etc.)	Use 7 stops more than BDE
Brightly lit Theatre Districts	Use 6 stops more than BDE
Store Windows at Night.....	Use 6 stops more than BDE
Fireworks — displays on the ground.....	Use 6 stops more than BDE
Night Football, Baseball, Races, Track Meets, Boxing, etc.	Use 6 stops more than BDE
Office with Fluorescents.....	Use 6 stops more than BDE
Brightly lit Downtown Street Scenes at Night.....	Use 7 stops more than BDE
Hockey, Bowling, etc.....	Use 7 stops more than BDE
Fairs, Amusement Parks.....	Use 8 stops more than BDE
Swimming Pool — Indoors, Tungsten lights above water.....	Use 8 stops more than BDE
Home Interiors at Night	
Areas with Bright Light (Kitchen).....	Use 8 stops more than BDE
Areas with Average Light (Den)	Use 9 ⅓ stops more than BDE
School — Stage and Auditorium	Use 9 stops more than BDE
Churches — Tungsten lights.....	Use 9 stops more than BDE
Indoor, Outdoor Christmas lighting at Night.....	Use 10 stops more than BDE
Candle-lit Close-ups.....	Use 10 ½ stops more than BDE
Flood-lit buildings, fountains, monuments, etc.....	Use 11 stops more than BDE
Distant view of City Skyline at Night.....	Use 13 stops more than BDE

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