

## The Basic Daylight Exposure (BDE) System

All exposures are determined by their relative distance from the BASIC DAY-LIGHT EXPOSURE, which always remains 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: ASA .....	100	ASA .....	400
Shutter Speed.....	1/125 sec.	Shutter Speed.....	1/500 sec.
f/stop .....	f/16	f/stop .....	f/16

Changing the shutter speed or f/stop to make equivalent combinations will give you the same exposure results.

Example: ASA	Shutter Speed	f/stop	ASA	Shutter Speed	f/stop
100	1/125	f/16	100	1/60	f/22
100	1/250	f/11	100	1/1,000	f/5.6
100	1/500	f/8	100	1/2,000	f/4

Sunlight - Normal Subject in Sunlight:	(8,000 fc)	Use Basic Daylight Exposure
	(fc = foot candle)	
Sunlight - Dramatic effect or silhouette effect shooting directly into the sun	(8,000 fc)	Use 2 f/stops less than BDE
Sunlight - Bright Snow or Sand	(4-8,000 fc)	Use 1 f/stop less than BDE
Sunlight - Backlit subject, exposing for shadow area, portrait, etc.	(2,000 fc)	Use 2 f/stops more than BDE
Overcast - Weak, hazy (very soft shadows)	(4,000 fc)	Use 1 f/stop more than BDE
Overcast - Normal, Cloudy Bright	(2,000 fc)	Use 2 f/stops more than BDE
Overcast - Heavy or Open Shade	(1,000 fc)	Use 3 f/stops from than BDE
Neon Signs, other light signs	(200 fc)	Use 5 f/stops more than BDE
Stage Shows, with Bright Light	(200 fc)	Use 5 f/stops more than BDE
Stage Shows, with Average Light	(50 fc)	Use 7 f/stops more than BDE
Flood Lighted Acts (Ice Shows)	(100 fc)	Use 6 f/stops more than BDE
Flood Lighted Acts (Circus, etc.)	(50 fc)	Use 7 f/stops more than BDE
Brightly Lighted Theater Districts (Las Vegas, Time Square, etc)	(100 fc)	Use 6 f/stops more than BDE
Store Windows at Night	(100 fc)	Use 6 f/stops more than BDE
Fireworks - displays on the ground	(100 fc)	Use 6 f/stops more than BDE
Night Football, Baseball, Races, Track Meets, Boxing, Wrestling, etc.	(100 fc)	Use 6 f/stops more than BDE
Office with Fluorescents	(125 fc)	Use 6 f/stops more than BDE
Brightly Lighted Downtown Street Scenes at Night	(50 fc)	Use 7 f/stops more than BDE
Basketball, Hockey, Bowling, etc.	(50 fc)	Use 7 f/stops more than BDE
Fairs, Amusement Parks	(25 fc)	Use 8 f/stops more than BDE
Swimming Pool- Indoors, Tungsten Lights above Water	(25 fc)	Use 8 f/stops more than BDE
Home Interiors at Night -- Areas with Bright Light	(25 fc)	Use 8 f/stops more than BDE
Home Interiors at Night -- Areas with Average Light	(10 fc)	Use 9-1/2 f/stops more than BDE
School - Stage and Auditorium	(12 fc)	Use 9 f/stops more than BDE
Churches - Tungsten Lights	(12 fc)	Use 9 f/stops more than BDE
Indoor, Outdoor Christmas Lighting at Night	(7 fc)	Use 10 f/stops more than BDE
Candle Lighted Close-ups	(5 fc)	Use 10-1/2 f/stops more than BDE
Flood Lighted Buildings, Fountains, Monuments, etc.	(3.5 fc)	Use 11 f/stops more than BDE
Distant View of City Skyline at Night		Use 13 f/stops more than BDE