

## Flash Guide Number Chart

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Flash guide for beginners | How does your flash work

Easiest Way To Choose ISO, Aperture And Shutter Speed in Manual Mode **Flash Guide Number Chart**

Use either/or, A or B. The Guide Number Chart in the flash manual is the source of the Guide Numbers for each speedlight zoom or power level. However, mode C is a special option to enter Both aperture and distance as your goal of desired settings. Then setting Power or ISO to correct that exposure are the best choices to achieve that goal, but there are four possibilities (including changing goals of distance or aperture).

### Understanding Camera Flash Guide Numbers, plus GN Calculator

$GN = 10 \text{ ft.} \times f/16 = 160$ . So there you have it: you can leverage the extra power of a flash with a high guide number in one of two ways: By using a wide aperture, you can light subjects that are farther away. Staying the same distance from your subject, you're able to use a wider range of apertures.

### Flash Guide Number - The Digital SLR Guide

Using the guide number calculator, I've made this guide number chart for a Guide Number 60 at ISO400. If you use an ISO of 800, you just move left on the chart one stop (one square). If you use an ISO of 100 you move right two stops. Make sense? You can make something similar for your specific flash units using this calculator.

### Guide Numbers Explained for Manual Flash - Calculator ...

Guide number (GN)=distance (meters) x aperture (f-number) 1 metre = 3.2808399 feet. Info from Nikon: Flash Level (Guide Number)

### Tutorial: How to use the guide number of your flash - Tangents

The simple rule is: Guide Number = distance x fstop Number (for any proper direct flash exposure). Therefore, double GN is double distance or double fstop Number (which is 2 EV stops of exposure). So comparing as f/stops works too.

### Compare Power Rating of Camera Flashes with Guide Numbers

GN is usually given in reference of ISO value 100. For example, Nikon D90's built-in flash has a Guide Number of 12 meters or 39 feet at ISO 100 in auto mode (i-TTL). And in Manual mode, it has a Guide Number of 13 meters or 43 feet.

### Understanding Flash's Guide Number (GN) — Daily ...

Following the formula,  $GN=f\text{-stop} \times \text{distance}$ , you'd have  $GN=f8 \times 10 \text{ feet}$  or GN of 80. Just to drive the point home, the GN for ISO 200 film would be 160 since you gain a stop of light with the faster film, so  $GN=f16 \times 10 \text{ feet}$  or 160. High guide number flashes provide a greater reach or working distance for a flash.

### Flash Photography - Understanding Guide Numbers

Guide numbers are based on a simple mathematical equation that states: the light output of an electronic flash is equal to the distance of the flash unit from the subject multiplied by the lens aperture, or f/stop.

### Understanding Guide Numbers | B&H Explora

The guide number here (full power setting, ISO 100, and normal-angle coverage) is 37 for calculations made in meters (yellow arrow) and 120 for feet (orange). For instance, on the foot scale,  $f/4 \times 30 \text{ ft} = 120$ , as do both  $f/8 \times 15 \text{ ft}$  and  $f/16 \times 7.5 \text{ ft}$ . In meters,  $f/1.4 \times 26 \text{ m} = 37$  as do  $f/22 \times 1.7 \text{ m}$  and every combination between.

### Guide number - Wikipedia

Flash guide numbers are usually given with an ISO and a focal length. The ISO given is usually 100, but the focal lengths vary. How do I compare the power of two flash units if the focal lengths given for the guide numbers are different? For example, how do I compare the power of these two flash units: 1) GN 177 at ISO 100 and 85mm

### Compare Flash Guide Numbers for Different Focal Lengths ...

The Nikon flash manuals have a separate Guide Number chart for HSS (GN is for bare direct flash.) Typically, the later models (SB-900, SB-700, spec chart in rear of manual) give 1/500 second shutter for HSS GN. Earlier models (SB-800 page 106, SB-600 page 76) give it as

1/300 second, but since then, the Maximum Sync Speed became faster.

### Understanding Flash Guide Numbers, HSS GN Calculator

Specifically, a flash unit's guide number indicates how much light the unit will emit in relation to a standard film speed. The higher the guide number, the more powerful the flash. This number is usually indicated in the owner's manual of the flash. It's represented as "GN 118 with ISO 100 film."

### Demystifying Flash Guide Numbers

The key to using flashbulbs (or any manual flash system) is the concept of guide number. The guide number expresses the amount of energy contained in the flash in a way directly useful to the photographer, and relates distance covered to lens f-stop, as follows:  $F = G / D$  where F is the lens f-stop, G is the guide number, and D is the distance.

### Flashbulb Technical Data

The same flash at 20 feet, for example, would use an aperture of f/4 ( $80 \div 20 = 4$ ). I suppose the argument can be made that automatic flash and TTL metering have rendered guide numbers almost obsolete. In the early days of electronic flash, there was no such thing as TTL metering. Everything was manual.

### Making Sense of Your Flash's Guide Number - DIY Photography

The flash guide number (GN) is a measure of the distance at which the flash can illuminate a subject. The higher the guide number, the greater the distance at which the light from the flash is sufficient for optimal exposure. The formula for calculating the guide number is as follows: Guide number (GN) = distance (meters)  $\times$  aperture (f-number)

### Flash Level (Guide Number) - Nikon | Imaging Products

A guide number is found by multiplying the flash-to-subject distance by the aperture for a well-exposed photograph. For example, if good results are produced by using f/11 for a subject that's 5...

### Canon Speedlite Flashes Are Named After Their Guide Numbers

Camera Flash Guide Number Chart The Guide Number Chart in the flash manual is the source of the Guide Numbers for each speedlight zoom or power level. However, mode C is a special option to enter Both aperture and distance as your goal of desired settings . Understanding Camera Flash Guide Numbers, plus GN Calculator [Flash Name] with Guide ...

### Camera Flash Guide Number Chart - nsaidalliance.com

Flash Guide Number Chart - ww.cinemazuid.be Camera Flash Guide Number Chart The Guide Number Chart in the flash manual is the source of the Guide Numbers for each speedlight zoom or power level. However, mode C is a special option to enter Both aperture and distance as your goal of desired settings .

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