

## Nikon Flash Guide Number Chart

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### Nikon Flash Guide Number Chart

DSLR Cameras can also be used with optional flash units with higher guide numbers. Using an optional flash unit such as the Nikon SB-400 or SB-900 makes it possible to achieve optimal exposure at greater distances than with the built-in flash.

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

The guide number for the flash is 42m (138ft) with a 50mm lens. More general information on the flash can be found on this Nikon SB-24 Speedlight page. This chart below was recreated from the one found on page 81 of the Nikon SB-24 manual [PDF]. You can determine the correct f/stop at a given distance with this equation:

### Nikon SB-24 Guide Number Chart | Outside The Shot

Guide Number: 197 (60 m) at ISO 100 ... for the flash-head zoomed to 200mm. Guide Number: 118' (36 m) at ISO 100 ... for the flash-head zoomed to 35mm. The GN of 118 is close enough to the Nikon's that the explanation is the same for 35mm flash-head zoom. For the flash zoomed to 35mm, the aperture would be 118/10 = f/11.

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

The Nikon guide number charts in the user manuals show these GN specifications. Guide Numbers allow these simplifications to compare exposures (here, for GN / 10 feet, and GN / f4), at full power level, same zoom and same ISO. These are two arbitrary situations, and then we better know how to compare power of two flashes.

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

Some manuals and details also show an alternative guide number on some cameras where the metre guide number is one greater when the flash is operated in manual mode. The SB400\* flash is not able to be used as a slave flash or with a commander function as a part of the creative lighting system.

### Flash Guide Numbers on Nikon Flash

The flash user manual contains a Guide Number chart (a sample chart is below). The GN chart shows various GN for each power level and for each zoom setting. The initial GN entered here must be that Full Power GN for the zoom setting that you will use. But then you can also specify any ISO change that you will use.

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

[Flash Name] with Guide Number (GN) of 141 ft. / 43m. Sometimes the ISO value will be stated, but if it isn't just remember that all guide numbers are calculated at ISO 100. The only value ever reported as the guide number is the flash to subject distance in both feet and meters. You'll note that the lens aperture used to calculate the guide ...

### Flash Guide Number - The Digital SLR Guide

See the links above for the latest Nikon Flash Reviews and Nikon Flash Comparisons.Also see How to Use the Nikon Wireless Flash System.See the Comparisons for which flash works with your DSLR. Otherwise, the information below is from about 2005 and covers the state of the art for 35mm and the earliest digital SLRs, but ignores the newest flash models for today's DSLRs covered at Comparisons ...

### Nikon Flash Guide - Ken Rockwell

The more expensive Sony units, for example, have the same guide number but are calculated at a flash zoom setting of 105mm. So the Godox units aren't as powerful. Pay attention to these specifications when looking at flash units. We'll use a Guide Number of 60 meters in all of these examples. The flash guide number formula

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

With a guide number of 34.5 meters at 35mm position and 55 meters at 200mm position, the SB-5000 is the most powerful speedlight Nikon has ever made. It weighs the same as the SB-910, but despite the added features, it is noticeably smaller in size.

### Nikon Flash Comparison - Photography Life

Nikon Speedlight Compatibility Chart. Nikon has produced many Speedlights over the years, we have compiled a chart to assist with the compatibility between Nikon cameras and Speedlights. Please click on the Speedlight in the table below to see it's compatibility chart.

### Nikon Speedlight Compatibility Chart

All Nikon's flashes are controlled by the smarts in the camera. All the flash does is turn on and off when the camera commands it. Therefore, picture quality depends on you and your camera, not what kind of flash you buy. Power and Output. Measured Guide Number (GN) in feet. ISO 100:

### Nikon SB-700 - Ken Rockwell

Hi all - I'm trying to make sense of how to use flash guide numbers with a speedlight (Nikon SB-5000) and have a few questions. 1. Guide number and zoom head: Per the manual, the GN (113 feet) is for "35mm zoom head." The manual doesn't have a chart with values at other zoom levels, etc., just the one spec.

### Using guide numbers with speedlight: Beginners Questions ...

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 × 30 ft = 120, as do both f /8 × 15 ft and f /16 × 7.5 ft. In meters, f /1.4 × 26 m = 37 as do f /22 × 1.7 m and every combination between.

### Guide number - Wikipedia

GN = Subject Distance from Flash Source x f/Stop. 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 time necessary for an electronic flash to recharge and be ready for the next picture, it often depends on the type and condition of the battery and the guide number of the flash. Repeating Flash A feature available in some flash units that fires the flash many times while the shutter is open, during a brief exposure, producing a strobe ...

### Speedlight Camera Flashes | Nikon

Unlike other Nikon SLR models the F90-Series/N90 camera Note that a guide number for FP High-Speed Sync Flash and the SB-25 allow you to use faster shutter speeds up to varies with the selected shutter speed and it is smaller than 1/4000 sec.

### NIKON SB-25 INSTRUCTION MANUAL Pdf Download | ManualsLib

The Nikon SB-300 AF Speedlight is a compact Speedlight flash for D-SLR and hot-shoe equipped COOLPIX cameras. ... Guide Number. 18 m/59 ft. (at ISO 100) Lens Coverage. 18/27 to 200mm (DX/FX-format, Automatic mode) Bounce Function (Tilt)

### Nikon SB-300 AF Speedlight | Speedlight Flash for Nikon D ...

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) Understanding Flash's Guide Number ... [PDF] Nikon Flash Guide Speedlight Nikon Speedlight SB-5000 Guide number (ISO 100, m/ft) 345/113 (at 35 mm)/55/180 (at 200 mm), in FX format, standard illumination pattern Output 1/1 to