

# **Nikon Flash Guide Numbers**

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Nikon Flash Guide Numbers Using the guide number, it is easy to calculate the how close the subject should be at a given aperture or the aperture required to photograph a subject at a given distance. If the flash unit has a guide number of 12 at ISO 100 and aperture is set to f/4, the subject can be up to 3 m away. Flash Level (Guide Number) - Nikon | Imaging Products 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 - Tangents Guide numbers look something like, 12/39 at ISO 100 and 17/56 at ISO 200, in each case the smaller number relates to metres and the larger one to feet. The example here is for the inbuilt flash in the D300. Flash Guide Numbers on Nikon Flash One stop = 2x, two stops = 4x, three stops = 8x, four stops = 16x more power. So for example, consider two flashes, with guide numbers of 40 and 80 (feet). Assuming ten feet, and both at the same ISO and zoom value, they compare as f/4 and f/8, which is 2 EV stops exposure difference. Compare Power Rating of Camera Flashes with Guide Numbers However, if you're looking at two different flashes and one reports a guide number of 72 while another has a guide number of 190, the one with 190 is clearly the more powerful flash (and hence much more expensive). Flash Guide Number - The Digital SLR Guide Nikon's current flash

technology is called i-TTL, and they offer five different external flash options. So far all of those i-TTL flashes have three-digit model numbers in the form of SB-n00 (e.g. SB-600, SB-900 and there is also an SB-R200) while the older, non-i-TTL flashes have two-digit model numbers (e.g. SB-28 and SB-80 DX). Guide to Nikon TTL Flashes - Photo.net - Articles 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 With a guide number of 24m, it might not be as powerful as the higher-end speedlights, but it is still a pretty capable flash that can be used as a commander to trigger other flashes, or as a slave. Its head is quite flexible and can be either tilted up to 90° or rotated from 0° to 180°, just like the higher-end models. Nikon Flash Comparison - Photography Life Example: Suppose your full-power guide number is 51 and your flash device is set to 1 / 32 nd power. Take the square root of 32 (the button on a calculator), which equals approximately 5.657. Divide 51 by 5.657 to obtain a reduced-power guide number of 9.0. Effect of flash angle (zoom setting) Guide number - Wikipedia The SB-800 adds a reverse flash guide number mode for flash where you set the aperture and the flash sets the level automatically based on distance. This is like the flashmatic modes of the 1950s, backwards. Power. The

SB-800 has a rated GN of 125' at ISO 100 with the zoom head set to 35mm. Nikon SB-800 SB800 - Ken Rockwell The Nikon SB-910 (18.4 oz./522 g. with 4-AA cells, measured GN 95'/34m at ISO 100 and 35mm, about \$550) is Nikon's top professional flash. It's loaded with power and recycles in just two seconds, but it's big, heavy and difficult to figure out how to use. Full review follows... Nikon SB-910 Review - Ken Rockwell Easy-to-view LCD with 6 simple-to-understand backlit buttons. Guide Number of 30/98 [ISO100,m/ft], 42/138 [ISO200,m/ft] (at 35mm zoom) Auto zoom of 24 to 85mm, extendable to 14mm with built-in wide-flash adapter. Wide area AF Assist Illuminator. Advanced Wireless Lighting available when used as a remote unit. Nikon | Imaging Products | SB-600 Powerful, compact and portable i-TTL Speedlight unit optimized for use with Nikon's Creative Lighting System (CLS). Nikon's most advanced Speedlight with a guide number of 184 feet (at ISO 100 at 105mm zoom-head position). Operates as a stand-alone Speedlight, wireless Speedlight Commander or wireless remote unit . SB-800 AF Speedlight | Nikon 24 to 200mm lens, 14mm with wide panel (in FX format) Bounce Function (Tilt) Flash head tilts down to -7° or up to 90° with click-stops at -7°, 0°, 45°, 60°, 75°, 90°. Bounce Function (Rotate) Flash head rotates horizontally 180° to the left and right with click-stops at 0°, 30°, 60°, 75°, 90°, 120°, 150°, 180°. Nikon SB-5000 | Radio Controlled Flash | Speedlight Flash ... 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 Nikon Sb24 Guide Number Nikon SB-24 Guide Number Chart. The flash guide number is the maximum distance a subject can be away from the flash and still be properly illuminated. This means the guide number can be used as a proxy for how powerful a flash is. The guide number for the flash is 42m (138ft) with a 50mm lens. Nikon Sb24 Guide Number - modapktown.com The Nikon D90 is a 12.3 megapixel digital single-lens reflex camera (DSLR) model announced by Nikon on August 27, 2008. It is a prosumer model that replaces the Nikon D80, fitting between the company's entry-level and professional DSLR models. It has a Nikon DX format crop sensor.. Nikon gave the D90's Estimated Selling Price in the United States as US\$899.95 for the body alone and as \$1299.99 ...

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