

Nikon Speedlight Guide Numbers

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Nikon Speedlight Guide Numbers

Guide number (GN)=distance (meters) × aperture (f-number) 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

The spec for the Nikon SB-910 speedlight is given as: Guide number of 34/111.5 (at ISO 100, m/ft.,

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35-mm zoom head position, in FX format, standard illumination pattern) for high flash output volume. This means that our GN (in feet), is 111.5.

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

Supports the Nikon Creative Lighting System. Supports i-TTL (for automatic balanced Fill-Flash), D-TTL, TTL, Manual. 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.

Nikon | Imaging Products | SB-600

Guide Number simply is the multiplied product of (flash distance x f/stop) for a proper exposure situation (normally specified for ISO 100). For example, if a certain Guide Number were equal to 100 (feet), then it says a correct direct flash exposure is f/20 at 5 feet, or f/5 at 20 feet, or f/10 at 10 feet, etc.

Compare Power Rating of Camera Flashes with Guide Numbers

Guide Number is a solution to deal with the Inverse Square Law. Flash intensity falls off with distance. Guide Number (GN) is a numerical method used to determine exposure of direct flash for Manual flash power levels, to automatically deal with the Inverse Square Law, making the math be trivial.

Understanding Camera Flash Guide Numbers, plus GN Calculator

Nikon Speedlight: SB-400. SB-600. SB-700. SB-800. SB-900. SB-28DX. SB-29/29s. SB-30. SB-50DX. SB-80DX. SB-23. SB-24/25. SB-26. SB-27. SB-28. SB-R1 (2x SB-R200 Remote units triggered by camera's built in flash) SB-R1C1 (2x SB-R200 Remote units triggered by SU-800) SB-16A/B. SB-20. SB-22/22s

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Nikon Speedlight Compatibility Chart

Nikon's most advanced Speedlight with a guide number of 184 feet (at ISO 100 at 105mm zoom-head position). Operates a stand-alone Speedlight, wireless Speedlight Commander or wireless remote unit . Advanced wireless control provides fully automatic and independent control of an unlimited number of SB-900, SB-800, SB-600 and SB-R200 Speedlights.

SB-800 AF Speedlight | Nikon

Nikon Speedlight SB-19 An entry level Speedlight designed as a companion flash unit for compact bodies such as FG, FG-20, EM but can also use on many other Nikon SLRs. The SB-19 is a compact, lightweight and offers automatic flash output control capability. The SB-19 has a guide number of 20 (ASA/ISO 100, in meters).

Older Nikon Speedlights SB-18 & SB-19

Nikon Speedlights can pivot, rotate and even be positioned off-camera, allowing light direction and intensity to be completely controlled. Greater Distance External flashes can illuminate subjects up to 98* feet away, nearly 3 times further than your camera's built-in flash.

Speedlight Camera Flashes | Nikon

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

Page 4 The SB-700 is a high-performance Speedlight compatible with Nikon Creative Lighting

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System (CLS) with a guide number of 28/39 (ISO 100/200, m) (92/128, ft.) (at the 35 mm zoom head position in Nikon FX format with standard illumination pattern, 20 °C/68 °F).

NIKON SPEEDLIGHT SB-700 USER MANUAL Pdf Download | ManualsLib

Rated Guide Number (flash power): 131/40 in feet/meters at ISO 100, rated with zoom set to 35mm/FX in normal evenness mode. With all this hoopla, it's only one sixteenth of a stop brighter than the SB800, which has a GN of 125 in the same setting.

Nikon SB-900 - Ken Rockwell

Its guide number is 38 meters / 125 feet at ISO 100 and 35 mm, with a maximum range of 58 m when adjusted at 105 mm. The SB-800 is part of Nikon's Creative Lighting System (CLS) and features the intelligent-TTL (i-TTL) exposure mode.

Nikon Speedlight - Wikipedia

Guide numbers are the standardized, numerical way of determining the power of a flash, with a higher guide number representing a more powerful flash. A guide number is the product of multiplying the f/stop of an exposure with a given distance, at ISO 100; or $GN = f/\text{number} \times \text{distance}$.

The B&H Speedlight Buyer's Guide | B&H Explora

■■■ Main features and functions of the SB-800 • The SB-800 is a high-performance Speedlight with a guide number of 38/125 (ISO 100, m/ft.) or 53/174 (ISO 200, m/ft.) (at the 35mm zoom-head position, 20°C/68°F.) According to the camera and lens combination used with the SB-800, you can perform various types of TTL auto flash (p.

NIKON SB-800 INSTRUCTION MANUAL Pdf Download | ManualsLib

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At full manual power it has a recycle time of 6 seconds (alkaline) or 4 seconds (Ni-MH) and provides 130 shots (alkaline) or 150 shots (Ni-MH.) Size: 2.8 x 5.0 x 3.6" (71 x 127 x 92mm), rated. Weight: 12.3 oz. (350g), empty. Nikon Product Number: 4801, in catalog as of spring 2008. More tech data is here and here.

Nikon SB-800 SB800 - Ken Rockwell

The SB-900 offers a powerful guide number of 48/157.5 (ISO 200, meters/feet) and an incredible array of creative flash functions. The SB-900 is an ideal way to solve lighting challenges and extend Nikon D-SLR creativity. The SB-900 is a high-performance Speedlight developed as the successor to the hugely successful Nikon SB-800.

Nikon | News | Nikon Speedlight SB-900

Pre-Photokina 2010: Nikon has announced the Speedlight SB-700 flashgun. With a guide number of 28 (at ISO 100 at 35mm on an FX camera), it is a slightly less powerful replacement for the SB-600, though gains the operation and handling improvements introduced with the SB-900. Like the SB-600 it offers wireless control and similar recycle times.

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