

Flash Guide Number Calculator

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Flash Guide Number Calculator

Simple flash guide number calculator This is just a simple guide number calculator that solves for distance, but you can play around with all of the different variables and see how they're related. You can also plug in a few anchor points and use those for your baseline starting points when you go out and shoot.

Guide Numbers Explained for Manual Flash - Calculator ...

Guide number calculator Most data sheets for flash units lists the guide number (GN) for the flash at full power (1/1) for ISO 100 for meters and feet. This calculator let you compute the GN for other varipower settings and other ISO values. The calculator requires JavaScript.

GN Calculator | DPanswers

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Flash Guide Number Calculator - orrisrestaurant.com

[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

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. The reference base is a known accurate Guide Number for one situation, from which other situations can be calculated.

Understanding Camera Flash Guide Numbers, plus GN Calculator

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: 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

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

On just about any hot-shoe strobe capable of manual, there's a guide number calculator built in. The photo up top is from a Vivitar 285HV, which is a 70's-design manual-capable flash. Let's use this as an example. The four variables are: F/stop, distance, power and ISO.

Strobist: Guide Number: Your Free Flash Meter

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Flash Guide Number Calculator - TruyenYY

Using the guide number 100, the f/number setting for 5 feet is $100 \div 5 = 20$. Thus we would set the camera to aperture f/20. For a subject 25 feet distant, the math is $100 \div 25 = 4$. Thus we set the aperture to f/4.

Flash guide number f/stop calculation - Photography Stack ...

Manual Flash Calculator (Free Edition) provides a handy utility for accurately determining flash-subject distance. It's quick and easy to use for tricky lighting situations and backgrounds, where TTL auto-flash can often struggle. This app is ad-free, and requires no special device permissions or network connectivity. Key Features: • Aperture range F/1.2 to F/22 • ISO range ISO50 to ...

Manual Flash Calculator (Free) - Apps bei Google Play

Magic Flash Calculator Guide Scott Robert Lim. Loading... Unsubscribe from Scott Robert Lim? ... Flash Guide Number - OnSet ep. 70 - Duration: 4:49. Adorama 57,417 views.

Magic Flash Calculator Guide

Explaining the math behind a flash's guide number, how it relates to f-stop, and more practical formulas for nailing exposure on your strobes & speedlights. ...

Guide Number Misconceptions / Understanding Flash Power on ...

Flash guide numbers will help you calculate f-stops for exposures using the manual position or when you bounce your illumination. Measure the flash-reflector-subject distance, and divide the total into the Flash Guide number listed for the ASA film you are using. Round off the result to the nearest f-stop and open one stop wider.

Vivitar Flashes Quick Guide - Help Wiki

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) × aperture (f-number)

Flash Level (Guide Number) - Nikon | Imaging Products

The mathematical formula used to calculate the Guide Number (GN) is given as: Guide Number = [distance from flash to subject] × [F-stop] In their marketing material manufacturers usually only give us the speedlite's maximum GN number. This is the GN number measured at the longest focal length and is usually at ISO 100.

Flash Guide Numbers - Speedlite Review

GN = Subject Distance from Flash Source × 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.