Electronic Photographic Flash Guide Number

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What is TTL? (vs Manual flash)Tricks for using FLASH without KILLING Ambient Color SPEEDLITE BASICS | Getting Started with Speedlites Let's Learn About Zooming your Speedlights ~~5 Tips for On-Camera Flash~~ On-Camera Fill Flash Basics How To Use Flash Exposure Compensation For Great Flash Photos! Single Flash Portraits On A Budget Shooting Portraits with One Speedlight Guide Number GN Flash Fotografi Guide Number? Tilt? Zoom? Common Flash Features Explained Beginners Guide To External Flash For Your dSLR, Manual \u0026 Automatic ~~Photography Tips For Beginners - Speedlight Photography Techniques 101~~ Non-TTL flash: How to use manual flash ~~Nikon Speedlight Handbook: Flash Techniques for Digital Photographers~~ Off Camera Flash Set Up for Beginners | Step by Step Tutorial ~~How To Master the Camera App on iPhone 12 \u0026 iPhone 12 Pro!~~ ~~Electronic Photographic Flash Guide Number~~

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~~

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~~

When setting photoflash exposures, the guide number (GN) of photoflash devices (flashbulbs and electronic devices known as "studio strobes", "on-camera flashes", "electronic flashes", "flashes", and "speedlights") is a measure photographers can use to calculate either the required f□stop for any given flash-to-subject distance, or the required distance for any given f□stop.

~~Guide number - Wikipedia~~

Guide Number, usually abbreviated GN, determines power rating of flash unit that describes how powerful flash unit is and how far it can shoot. In another word, GN specifies the power of an electronic flash in a way that it can be used to determine the right f-stop to use at a particular shooting distance and ISO setting.

~~Understanding Flash's Guide Number (GN) □ Daily ...~~

Electronic Photographic Flash Guide Number If you go shopping for an electronic flash online, you'll probably see it listed like this: [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.

~~Electronic Photographic Flash Guide Number~~

Guide Number Reporting If you go shopping for an electronic flash online, you'll probably see it listed like this: [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.

~~Flash Guide Number~~

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~~

Following the formula, GN=f-stop X distance, you□d have GN= f8 x 10 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 x 10 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 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/number x distance.

~~A Guide to On-Camera Flash | B&H Explora~~

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The same flash at 20 feet, for example, would use an aperture of f/4 (80÷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.

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

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~~
Electronic Photographic Flash Guide Number that can be your partner. Fcat 20 Reading Sample Questions Answers, 501 Reading Comprehension Questions Answers, Content Everywhere Strategy And Structure For Future Ready Ebook Sara Wachter Boettcher, chapter 26 guided reading origins of the cold war answers, chapter

~~Electronic Photographic Flash Guide Number~~
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~~
A flash is a device used in photography producing a flash of artificial light (typically 1/1000 to 1/200 of a second) at a color temperature of about 5500 K [citation needed] to help illuminate a scene. A major purpose of a flash is to illuminate a dark scene. Other uses are capturing quickly moving objects or changing the quality of light. Flash refers either to the flash of light itself or ...

~~Flash (photography) - Wikipedia~~
Some monolights include a rating for a Guide Number (GN), which is a number that relates the output of flash. Guide Numbers are quoted in feet or meters (depending on where you live in the world) and are valid for a specific ISO speed. The higher the guide number, the greater the light output.

~~What are Monolights? | Expert photography blogs, tip ...~~
The constant is named ?flash guide number? and is a very useful guide for flash photographers, because the guide number represents, in a sense, the power of illumination of the light source, for both flash lamps with and without integral reflectors and electronic flash equipment.

~~ISO 1230:2007(en), Photography ? Determination of flash ...~~
The higher the guide number, the greater the light output. Guide numbers for various film speeds are usually . provided with each electronic flash unit. Information packaged with film may also provide guide numbers appropriate to their speed in regard to the various powers of electronic flash units. Manufacturers tend to overrate the power of ...