

Canon Flash Guide Numbers

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What is a Flash Guide Number?

Flash Guide Number | Beginners Tutorial | Photography Tips

Guide Number Misconceptions / Understanding Flash Power on Strobes \u0026 Speedlights [Flash Guide Number - OnSet ep. 70](#) Understanding Guide Number \u0026 Flash Brightness - Photography Tips Off Camera Flash - Guide Numbers and Watt Seconds- Strobist Photography Tutorial #3 [Understanding Flash Features: Guide Number, Recycle Time and Zoom](#) FLASH TUTORIAL 1 - 10 Understand Flash Power Zack Arias: Aperture/Flash Relationship Flash Photography Lecture Part Five Flash Guide Numbers 580ex manual flash ~~Canon Speedlite 300TL Flash Overview And User Guide~~

Canon EL1 Speedlite | First Look Tricks for using FLASH without KILLING Ambient Color Using a manual speedlight is EASY! Flash photography for beginners part 1 Canon EL-1 Speedlite On-Camera Fill Flash Basics ~~What is TTL? (vs Manual flash)~~ Seeing the Light with the Canon Speedlite EL-1 and Bob Davis ~~Understand Flash Photography in 10 Minutes or Less~~ Video tutorial: TTL fill flash Canon Speedlite 550EX Flash Overview And User Guide

SPEEDLITE BASICS | Getting Started with Speedlites Manual vs TTL Flash mode - in 2 Minutes Mastering your Flash- The Basics Extremely Detailed Guide For Canon Wireless Flash 600ex 580exII 430exII ~~Canon PowerShot SX530 HS Tutorial~~

Canon EOS R User's Guide | How To Setup Your New Camera ~~Canon M50 Full Tutorial Training Overview~~ Canon Flash Guide Numbers

[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 number is left out of the reported value, which leads quite well into our next topic. Guide Numbers = Marketing Hype

Flash Guide Number - The Digital SLR Guide

A guide number is found by multiplying the flash-to-subject distance by the aperture for a well-exposed photograph. For example, if good results are produced by using f/11 for a subject that's 5...

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Canon Speedlite Flashes Are Named After Their Guide Numbers

For example the maximum guide number for the Canon 600EX II-RT is 60m (60m@200mm & ISO 100). This is measured when the flash is at full power 1/1. Since Guide Number = [distance from flash to subject] x [F-stop] and GN = 60m, if we use an F-stop of f/4 then the distance from flash to subject needs to be $60/4 = 15\text{m}$ for a correct exposure.

Flash Guide Numbers - Speedlite Review

The spec for the Canon 600EX-RT speedlite is given as: 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.

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

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

In short, guide numbers on a flash indicate how much light that flash can produce. You'll see them in the specs indicated in either meters or feet. The higher the guide number the further the flash will reach. The specifications will also show the flash settings at which the guide number is calculated, including the ISO and flash zoom setting.

Guide Numbers Explained for Manual Flash - Calculator ...

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

Its features include radio triffering which can communicate with up to 15 compatible slave flashes in 5 groups over a range of 30m. It also has optical triggering for communication with Canon speedlites lacking in RT technology. Maximum guide number is 60 (m @ ISO100) when the flash head is fully zoomed out.

Guide to Canon EOS Speedlite System - Photo.net - Articles

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

Zoom flash head covers a wide range of 20-200mm; maximum guide number is 197 ft./60m at ISO 100. Zoom flash head covers a wide range of 20-200mm
Equipped for flash photography in a wide variety of situations, the Speedlite 600EX

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II-RT has a guide number of 197 ft. (60m) at ISO 100 to help achieve the lighting you desire.

Canon U.S.A., Inc. | Speedlite 600EX II-RT

A flash's power is determined by its Guide Number, with low Guide Numbers (GN) indicating a weak or less powerful flash than one with a high GN. For ease of comparison, most flash GNs are rated for an ISO 100 film. If you use a film with a lower ISO the GN will be lower, and, conversely, if you use a higher speed film the GN will be higher.

Flash Photography - Understanding Guide Numbers

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Canon U.S.A., Inc. | Speedlite 550EX

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 ...

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

Normal (full) Flash Guide No. 15. 28. 30. 36. 42. 46. 50. 55. Quick Flash. Same as for manual flash from 1/2 to 1/16. Manual Flash Guide No. 1/1. m feet. 15 50. 28 92. 30 99. 36 119. 42 139. 46 152. 50 165. 55 182. 1/2. m feet. 10.6 35. 19.8 65. 21.2 70. 25.5 84. 29.7 98. 32.5 107. 35.4 117. 39 128. 1/4. m feet. 7.5 25. 14 46. 15 50. 18 59. 21 69. 23 76. 25 83. 27.5 91. 1/8. m feet. 5.3 18. 9.9 33. 10.6 35. 12.7 42. 14.8 49. 16.3 54. 17.7 58. 19.5 64. 1/16. m feet. 3.8 13. 7 23. 7.5 25. 9 30 ...

Canon Knowledge Base - Specifications of the 550EX Speedlite.

In addition, it boasts a powerful maximum guide number of 47 (154 ft./47m) at ISO 100, a zooming flash head and numerous features for versatile and powerful flash photography.

Speedlite 470EX-AI Flash | Canon Online Store | Canon Online ...

SPEEDLITE 430EX INSTRUCTION MANUAL. Last Updated : 19-Jan-2015 Issue Number : 0300413102

SPEEDLITE 430EX INSTRUCTION MANUAL - Canon

Bringing a new level of versatility and capability to flash photography, the Speedlite 430EX II features a powerful flash (guide number of 141 ft./43m at ISO 100) with a fast recycling time in a compact, durable body.

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