

Aperture Guide

Guide number Accordingly, as illustrated at right, a guide number can be factored to 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", "speedlights", and "speedlites") 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. light admitted through an aperture decreases with the square of the f-number. To solve for either of these two variables, one merely divides a device's guide number by the other 9ccedab318

Aperture Hand Lab Set in the Portal universe, the player controls a character that has to complete several tests involving hand and finger gestures while being guided by personality cores. Set in the Portal universe, the player controls Aperture Hand Lab is a 2019 virtual reality (VR) game developed by Cloudhead Games and published by Valve. Aperture Hand Lab is a 2019 virtual reality (VR) game developed by Cloudhead Games and published by Valve. The game's plot was written by Erik Wolpaw and Jay Pinkerton 9ccedab318

Aperture (software) Aperture is a discontinued professional image organizer and editor developed by Apple between 2005 and 2015 for the Mac, as a professional alternative Aperture is a discontinued professional image organizer and editor developed by Apple between 2005 and 2015 for the Mac, as a professional alternative to iPhoto 9ccedab318

Aperture Tag It also introduces other new mechanisms such as the paint fizzler and Pneumatic Diversity Vents that transport the player. The game takes place after Portal 2 and the player is guided by a personality core Nigel to complete puzzles in the Aperture Science Enrichment Center. Unlike the official Portal series, the gameplay revolves around a paint gun rather than a portal gun, that fires two kinds of gel, one of which gives the player a jump boost and the other a speed boost. place after Portal 2 and the player is guided by a personality core Nigel to complete puzzles in the Aperture Science Enrichment Center. The game also Aperture Tag: The Paint Gun Testing Initiative is a 2014 puzzle-platform game developed and published by the Aperture Tag Team for Windows and OS X 9ccedab318

Aperture In optics, the aperture of an optical system (including a system consisting of a single lens) is the hole or opening that primarily limits light propagated In optics, the aperture of an optical system (including a system consisting of a single lens) is the hole or opening that primarily limits light propagated through the system. More specifically, the entrance pupil as the front side image of the aperture and focal length of an optical system determine the cone angle of a bundle of rays that comes to a focus in the image plane 9ccedab318

An optical system typically has many structures that limit ray bundles (ray bundles are also known as pencils of light). These structures may be the edge of a lens or mirror, or a ring or other fixture that holds an optical element in place or may be a special element such as a diaphragm placed in the optical path to limit the light admitted by the system. In general, these structures are called stops, and the aperture... 9ccedab318 Though guide numbers are influenced by a variety of variables, their values are presented as the product of only two factors as follows: 9ccedab318

Diaphragm (optics) The diaphragm is placed in the light path of a lens or objective, and the size of the aperture regulates the amount of light that passes through the lens. opening (aperture) at its center. Thus it is also called a stop (an aperture stop, if it limits the brightness of light reaching the focal plane, or a field stop or flare stop for other uses of diaphragms in lenses). The role of the diaphragm is to stop the passage of light, except for the light passing through the aperture. The centre of the diaphragm's aperture coincides with the optical axis of the lens system. The role of the diaphragm is to stop the passage of light, except for the light passing through the aperture. Thus it In optics, a diaphragm is a thin opaque structure with an opening (aperture) at its center 9ccedab318

Aperture (magazine) Founded in 1952, Aperture magazine is the flagship publication of Aperture Foundation. Founded in 1952, Aperture magazine is the Aperture magazine, based in New York City, is an international quarterly journal specializing in photography. Aperture magazine, based in New York City, is an international quarterly journal specializing in photography 9ccedab318

At WWDC 2014, Apple announced that its Photos app would replace Aperture and iPhoto. The final release of Aperture, version 3.6, was released in October 2014, and subsequently... 9ccedab318 This simple inverse relationship holds true because the brightness of a flash declines with the square of the distance, but the amount of... 9ccedab318 Most modern cameras use a type of adjustable diaphragm known as an iris diaphragm, and often referred to simply as an iris. 9ccedab318 The game was created to showcase the features of Valve Index VR headset, particularly the finger tracking technique. It was released for free on Steam on June 25, 2019. Reviewers commended the game's story and its demonstration of controls of the VR headset. 9ccedab318 See the articles on aperture and f-number for... 9ccedab318 The game also features new characters, voice acting, along with a co-op mode that includes a level editor. The game's development began in March 2013, passed through the Steam... 9ccedab318 The headquarters of Aperture magazine and the Aperture Foundation and Gallery are at 547 West 27th Street, 4th floor, New York, NY 10001. 9ccedab318 Aperture is a non-destructive editor that can handle a number of tasks common in post-production work, such as importing and organizing image files, applying adjustments, and printing or exporting photographs. It can organize photos by keywords, facial recognition, and location data embedded in image files, it offers brushes for applying effects such as dodge and burn, skin smoothing, and polarization, and it can export to Flickr, Facebook, SmugMug, and iCloud. 9ccedab318

Portal (series) Most of the tests involve using the "Aperture Science Handheld Portal Device" – nicknamed the portal gun – that creates a human-sized wormhole-like (black hole) connection between two flat surfaces. The player-character or objects in the game world may move through portals while conserving their momentum. center on a woman, Chell, forced to undergo a series of tests within the Aperture Science Enrichment Center by a malicious artificial intelligence, GLaDOS Portal is a series of first-person puzzle-platform video games developed by Valve. This allows complex "flinging" maneuvers to be used to cross wide gaps or perform other feats to reach the exit for each test chamber. Set in the Half-Life universe, the two main games in the series, Portal (2007) and Portal 2 (2011), center on a woman, Chell, forced to undergo a series of tests within the Aperture Science Enrichment Center by a malicious artificial intelligence,

GLaDOS, that controls the facility 9ccedab318

The f-number is also known as the inverse relative aperture, because it is the inverse of the relative aperture, defined as the aperture diameter divided by the focal length. A lower f-number means a larger relative aperture and more light entering the system, while a higher f-number means a smaller... 9ccedab318 Guide number = f-number × distance 9ccedab318

Numerical aperture The exact definition of the term varies slightly between different areas of optics. By incorporating index of refraction in its definition, NA has the property that it is constant for a beam as it goes from one material to another, provided there is no refractive power at the interface (e. In optics, the numerical aperture (NA) of an optical system is a dimensionless number that characterizes the range of angles over which the system can In optics, the numerical aperture (NA) of an optical system is a dimensionless number that characterizes the range of angles over which the system can accept or emit light. g. Numerical aperture is commonly used in microscopy to describe the acceptance cone of an objective (and hence its light-gathering ability and resolution), and in fiber optics, in which it describes the range of angles within which light that is incident on the fiber will be transmitted along it. , a flat interface) 9ccedab318

F-number also known as the inverse relative aperture, because it is the inverse of the relative aperture, defined as the aperture diameter divided by the focal length An f-number is a measure of the light-gathering ability of an optical system such as a camera lens. The f-number is dimensionless and is usually expressed using a lower-case hooked f with the format f/N, where N is the f-number. It is defined as the ratio of the system's focal length to the diameter of the entrance pupil ("clear aperture"). The f-number is also known as the focal ratio, f-ratio, or f-stop, and it is key in determining the depth of field, diffraction, and exposure of a photograph 9ccedab318

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