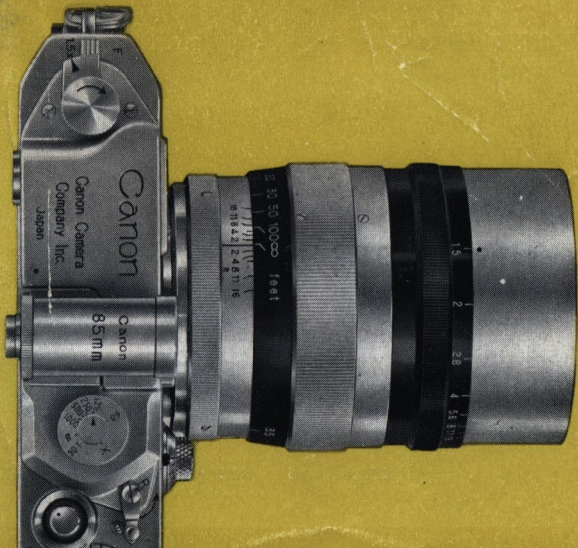


Canon LENSES

**directions
and
tables**



Interchangeable Canon Lenses



28mm f:3.5



35mm f:2.8



50mm f:2.8



50mm f:1.8



50mm f:1.5



85mm f:1.9



85mm f:1.5



100mm f:3.5



135mm f:3.5

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To dismount and mount lens	9	Canon 85mm f: 1.5 long-focus lens	23
Viewfinder and Parallax Adjustment.	12-13	Canon 100mm f: 3.5 telephoto lens	24
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Canon 28mm f: 3.5 ultra-wide angle lens	17	Depth of field data on Canon Lenses	28-39
Canon 35mm f: 2.8 wide-angle lens	18	Canon Camera Holder	40
Canon 50mm f: 2.8 standard lens	19	Canon Auto-ups	41
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Canon 50mm f: 1.5 standard lens	21	Canon Lens Leather Carrying Case	43

The CANON LENS has been acclaimed by many experts as the finest lens its class today. It is a precision instrument as carefully constructed as the CANON CAMERA itself. Treat it with respect. It has been accurately set and aglined by hand and final settings are made with microscopic alignment instruments. ALL CANON LENSES are rigidly checked for resolving powers and lens aberration—spherical, coma, astigmatic, curvature of field, distortion, chromatic—and color definition. Any lens that does not come up to our very high standards in any one of these tests is immediately destroyed. A coating harder than optical glass (ultra-hard coating) has been applied to all surfaces of the lens as protection against scratches, etc. as well as to eliminate flare and increase the sharpness of the image. According to the characteristics of the lenses they are coated either in purple, magenta, or amber in order to obtain true color for color photography.

To obtain the very best results always keep your lens free from dust, fingerprints and moisture. When the camera is not in use keep the lens cap in place. Do not subject the lens to sudden extremes of temperature, and never store in hot humid places, without taking precautions to eliminate moisture in containers by using silica gel.

To clean lens surface use only a fine soft brush or reliable lens cleaning tissue. If further cleaning is necessary use a drop of lens cleaner fluid on the tissue or lint-free cloth! Always wipe in a gentle circular motion.

Do not endeavour to open up the lens. If there is anything wrong return the lens to your dealer who will forward it to the manufacturer for attention by the manufacturer.

Note : All Canon Manufacturers Lenses are Couple with the Canon Camera Rangefinder Mechanism.

A CANON LENS every purpose

28mm

35mm



The series of pictures on next page were all taken from the same spot, with a CANON CAMERA, using CANON LENSES of different focal lengths. Note the extreme range of coverage available in these without loss of the fine detail expected in good photography.

Now everyone, amateur and professional, can do selective photography with a CANON LENS to meet every requirement. With the CANON UNIVERSAL VIEWFINDER or with the viewfinders furnished with the accessory lenses, select the view you desire and the corresponding lens will record it for you.

50mm



85mm



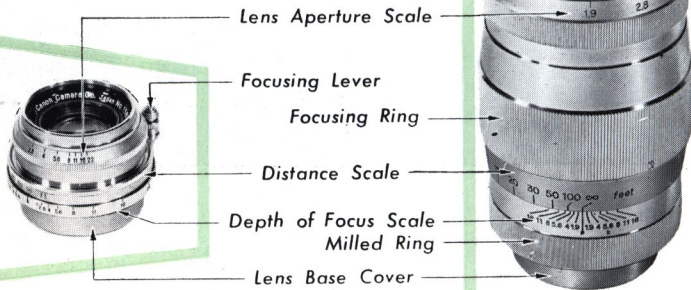
100mm



135mm



DESCRIPTIONS



Parallax-Compensating Scale



Special Viewfinder

TO DISMOUNT LENS

Unscrew the lens, which may be in either extended or retracted position, by grasping its base. First loose the lens by a slight jerking motion, then unscrew gently. Do not oil the thread of the lens or tamper with the lens in any way. Always keep the lens flange shaded.

TO MOUNT LENS

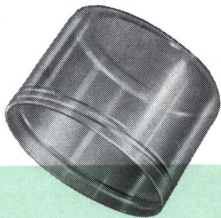
Holding the lens by its base, find the thread of the screw by turning the lens slightly in a counter-clockwise direction, then screw clockwise into the flange until tight.

DO NOT ATTEMPT TO TIGHTEN THE LENS INTO THE FLANGE BY GRASPING ANY OTHER PART BUT THE BASE.



Note

Plastic Lens Case



In order to keep dust, sand, and lint away and, to protect the fine precision thread from being damaged, screw the dismounted lens into the Plastic Lens Case or cover it with its Lens Cap and Lens Base Cover.



Lens Cap and Base Cover



Note



Lens Mount Cover

Do not face the lens flange of the camera to strong light during the interchange of lenses. It is advisable to shield the lens flange of the camera completely with your body or by some other means while the other lens is being prepared.

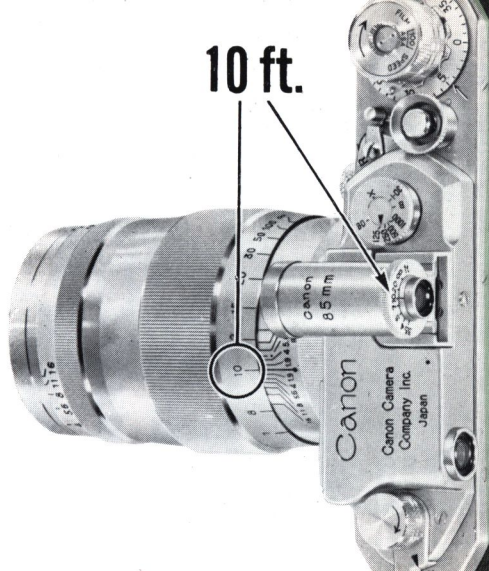
VIEWFINDER vs PARALLAX ADJUSTMENT

As the built-in viewfinder of the camera has no device for parallax adjustment, a Special Viewfinder or Universal Viewfinder is recommended for all lenses except those with standard focal length (50mm). A Special Viewfinder is supplied with all accessory lenses. When the Special Viewfinder or the Universal Viewfinder is used the Parallax-compensating Scale must be adjusted in order to have the optical axis of the Viewfinder intersect with that of the lens at the focused subject.

If, for instance, the reading of the Distance Scale of the lens is 10 feet after accurate focusing (see next page), set the Parallax-compensating Scale of the Viewfinder to 10. The field you then see through the Finder will be identical with what the lens will register on the film frame.

Note: The lens and Viewfinder are not mechanically connected, therefore remember to adjust the latter before making an exposure.

Parallax Adjustment



LENS HOOD & FILTERS

The use of a lens hood is recommended at all times—indoors or outdoors—to keep undesirable light from striking the lens. All Canon Lens Hoods are furnished with Adapter Rings. The use of a filter is most effective also on certain occasions.

Note: The appropriate Filter for the film used may be ascertained from the film manufacturers recommendations.

COMBINATION OF CANON LENS ATTACHMENTS



Adapter
Ring



Lens Hood



Adapter
Ring



Suppl
Lens



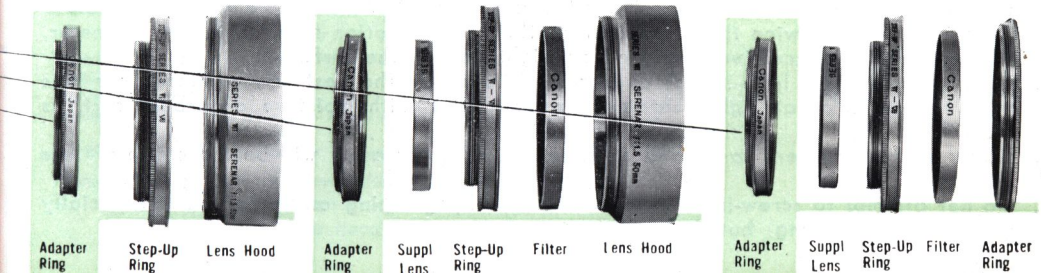
Filter
Retaining
Ring



Filter



Adapte
Ring
Insert



How to take care of your lens

1. Lenses should not be changed in direct sunlight. Turn your back to the sun and hold the camera in the shadow of your body.
2. Keep always the lens mounting flange of your camera free from dust or dirt. After dismounting, your lens should be covered with dust cap instantly to protect the helicoid which is the most important part of the lens.
3. Never touch the lens surface with your finger. In case it becomes necessary to remove dust from the surface use a fine soft brush or reliable lens cleaning tissue. If further cleaning is necessary for removing finger mark, etc. wrap lens cleaning tissue or lint-free cotton cloth on tip of a pice stick and moist it with alchole (mixes with ether when possible) and wipe the surface in gentle circular motion from center to perimeter. Never wipe with excessive pressure you might scratch the surface.
4. Do not store your lens in hot and/or humid places. The best way to store your lens is to keep it in an air-tight container or desiccator with moisture absorbent such as silica gel.
5. Never subject the lens to sudden extreme temperatures as it will be the cause of lens cracks.
6. Do not attempt to screw-in or unscrew the lens by grasping any other part (especially focusing knurled ring) but the base.

CANON 28mm f: 3.5 Ultra-Wide-Angle Lens

A unique lens of exceptionally wide angle of view and speed. Completely accurate and uniform in light transmission.

Specifications :

Lens Element : 6.

Lens Mount : Non-collapsible.

Lens Head : Non-revolving.

Marked Apertures : f : 3.5, 4, 5.6, 8, 11, 16, and 22. Click stops.

Focusing Range : 3.5 feet or 1 meter to infinity. Marked distances in feet—3.5, 4, 5, 6, 8, 10, 15, 25, 50, and ∞ . Marked distances in meters—1, 1.25, 1.5, 1.75, 2, 2.5, 3, 4, 5, 7, 10, 20, and ∞ .

Angle of View : Total field 75°; vertically 46°, horizontally 65°.

Magnification : 0.56x.

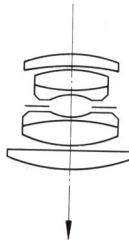
Coating : Purple.

Attachment Size : 34mm Screw-in Adapter Ring; Series VI Attachments.

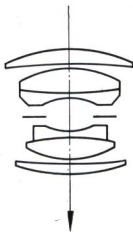
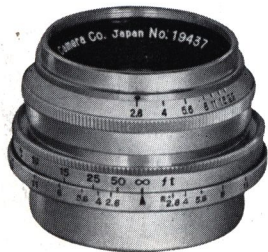
Net Weight : Appr. 180 grams or 6.5 oz.

Note : 1. Use Special Viewfinder or Universal Viewfinder with 28mm Front Attachment.
2. Do not use lens hood of any kind.

28mm
f : 3.5



35mm
f : 2.8



CANON 35mm f : 2.8 Wide-Angle-Lens

Probably the fastest lens of this focal length group. It has been designed on CANON's own formula. Excellent for colour and black-and-white negatives.

Specifications :

Lens Element : 6.

Lens Mount : Non-collapsible.

Lens Head : Non-revolving.

Marked Apertures : f : 2.8, 4, 5.6, 8, 11, 16, and 22. Click stops.

Focusing Range : 3.5 feet or 1 meter to infinity. Marked distances in feet—3.5, 4, 5, 6, 8, 10, 15, 25, 50, and ∞ . Marked distances in meters—1, 1.25, 1.5, 1.75, 2, 2.5, 3, 4, 5, 7, 10, 20, and ∞ .

Angle of View : Total field 64° ; vertically 37° , horizontally 54° .

Magnification : 0.7x.

Coating : Purple.

Attachment Size : 34mm Screw-in or 36mm Slip-on Adapter Ring; Series VI Attachments.

Net Weight : Appr. 200grams or 7.1 oz.

Note : Use Special Viewfinder or Universal Viewfinder.

CANON 50mm f:2.8 Standard Lens

Lens mount entirely of lightweight alloy. Just as sharp as the Canon 50mm f:3.5 lens even at the full aperture opening. Ideal all-round lens not only for landscapes, portraitures, etc., but also for copying, enlarging work, etc. An excellent lens for color as well as black-and-white.

Specifications :

Lens Element : 4.

Lens Mount : Non-collapsible.

Lens Head : Revolving.

Marked Apertures : f:2.8, 4, 5.6, 8, 11, and 16, Click stops.

Focusing Range : 3.5 feet or 1 meter to infinity. Marked distances in feet—3.5, 4, 5, 6, 8, 10, 15, 25, 50, and ∞ . Marked distances in meter—1, 1.25, 1.5, 1.75, 2, 3, 4, 5, 7, 10, 20, and ∞ .

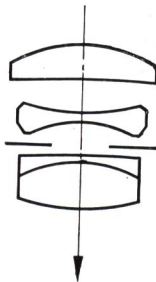
Angle of View : Total field 46° ; vertically 26° , horizontally 39° .

Coating : Magenta.

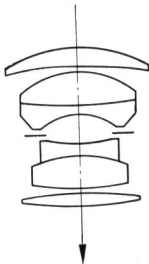
Attachment Size : 34mm Screw-in Adapter Ring; Series VI Attachments.

Net Weight : Appr. 140 grams or 5 oz.

50mm
f:2.8



50mm
f : 1.8



CANON 50mm f:1.8 Standard Lens

Designed on CANON's own formula. Superior resolution with speed makes this a remarkable lens for miniature photography.

Specifications :

Lens Element : 6.

Lens Mount : Non-collapsible.

Lens Head : Non-revolving.

Marked Apertures : f:1.8, 2, 2.8, 4, 5.6, 8, 11, and 16. Click stops.

Focusing Range : 3.5 feet or 1 meter to infinity. Marked distances in feet—3.5, 4, 5, 6, 8, 10, 15, 25, 50, and ∞ . Marked distances in meters—1, 1.25, 1.5, 1.75, 2, 2.5, 3, 4, 5, 7, 10, 20, and ∞ .

Angle of View : Total field 46° , vertically 26° , horizontally 39° .

Coating : Amber.

Attachment Size : 40mm Screw-in or 42mm Slip-on Adapter Ring, Series VI. Attachments.

Net Weight : Appr. 300 grams or 10.4 oz.

CANON 50mm f:1.5 Standard Lens

CANON's proudest achievement in high speed 50mm lenses ideally suited for adverse light conditions. Has excellent resolution and is colour corrected to the fullest extent.

Specifications :

Lens Element : 7.

Lens Mount : Non-collapsible.

Lens Head : Non-revolving.

Marked Apertures : f : 1.8, 2, 2.8, 4, 5.6, 8, 11, and 16, Click stops.

Focusing Range : 3.5 feet or 1 meter to infinity. Marked distances in feet—3.5, 4, 5, 6, 8, 10, 15, 25, 50, and ∞ .

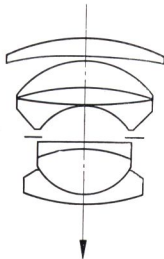
Marked distances in meters—1, 1.25, 1.5, 1.75, 2, 2.5, 3, 4, 5, 7, 10, 20, and ∞ .

Angle of View : Total field 46° ; vertically 26° , horizontally 39° .

Coating : Amber.

Attachment Size : 40mm Screw-in Adapter Ring. Series VII. Attachments.

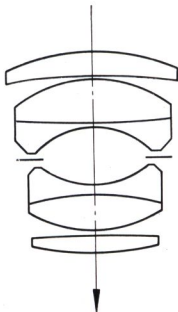
Net Weight : Appr. 280 grams or 10.4 oz.



50mm
f : 1.5



85mm
f : 1.9



CANON 85mm f:1.9 Long-Focus Lens

Probably the finest lens in its class. Ideal for portraiture, excellent resolution; popular with press photographers.

Specifications :

Lens Element : 6.

Lens Mount : Non-collapsible.

Lens Head : Revolving.

Marked Apertures : f: 1.9, 2.8, 4, 5.6, 8, 11, and 16. Click stops,

Focusing Range : 3.5 feet or 1 meter to infinity. Marked distances in feet—3.5, 4, 5, 6, 7, 8, 10, 12, 15, 20, 30, 50, 100, and ∞ . Marked distances in meters—1, 1.25, 1.5, 1.75, 2, 2.5, 3, 4, 5, 7, 10, 15, 30, and ∞ .

Angle of View : Total field 29° ; vertically 16° , horizontally 23° .

Magnification : 1.7x.

Coating : Magenta.

Attachment Size : 48mm Screw-in Adapter Ring; Series VII Attachments.

Net Weight : Appr. 620 grams or 22 oz.

Note : Use Special Viewfinder or Universal Viewfinder.

CANON 85mm f:1.5 Long-Focus Lens

Semi-long-focus lens of CANON's unique design
A light weight lens combining superlative resolution and speed.

An excellent lens for stage shows and portraiture.

Specifications :

Lens Element : 7.

Lens Mount : Non-collapsible.

Lens Head : Revolving.

Marked Apertures : f:1.5, 2, 2.8, 4, 5.6, 8, 11 and 16. Click stops.

Focusing Range : 3.5 feet or 1 meter to infinity. Marked distances in feet—3.5, 4, 5, 6, 7, 8, 10, 12, 15, 20, 30, 50, 100, and ∞ . Marked distances in meters—1, 1.25, 1.5, 1.75, 2, 2.5, 3, 4, 5, 7, 10, 15, 30, and ∞ .

Angle of View : Total field 29° ; vertically 16° , horizontally 23° .

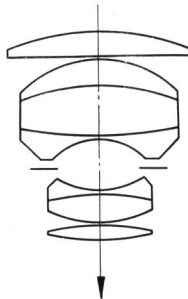
Magnification : 1.7x.

Coating : Amber.

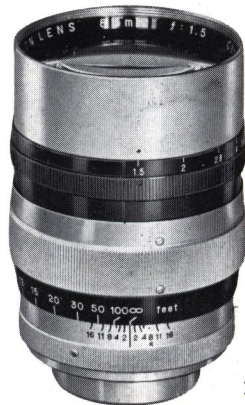
Attachment Size : 58mm Screw-in Adapter Ring; Special Size Attachments.

Net Weight : Appr. 750 grams or 27 oz.

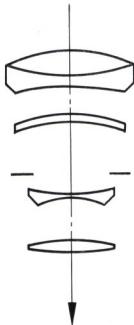
Note : Use Special Viewfinder or Universal Viewfinder.



85mm
f : 1.5



100mm
f: 3.5



CANON 100mm f:3.5 Telephoto Lens

Lightest lens made from modern light-weight alloy.

Recommended for sports, landscapes and press work.

Combines speed and critical sharpness.

Specifications :

Lens Element : 5.

Lens Mount : Non-collapsible.

Lens Head : Revolving.

Marked Apertures : f: 3.5, 4, 5.6, 8, 11, 16, and 22.

Focusing Range : 3.5 feet or 1 meter to infinity. Marked distances in feet—3.5, 4, 5, 6, 8, 10, 12, 20, 30, 50, 100, and ∞ . Marked distances in meters—1, 1.25, 1.5, 1.75, 2, 2.5, 3, 4, 5, 7, 10, 20, 50, and ∞ .

Angle of View : Total field 24° ; vertically 13° , horizontally 20° .

Magnification : 2x.

Coating : Purple.

Attachment Size : 34mm Screw-in Adapter Ring; Series VI Attachments.

Net Weight : Appr. 205 grams or 7.2 oz.

Note : Use Special Viewfinder or Universal Viewfinder.

CANON 135mm f: 3.5 Telephoto Lens

Aberration corrections are nearly perfect. Recommended [for all classes of long distance and aerial photography.

Specifications :

Lens Element : 4.

Lens Mount : Non-collapsible.

Lens Head : Revolving.

Marked Apertures : f: 3.5, 4, 5.6, 8, 11, 16, and 22. Click stops.

Focusing Range : 5 feet or 1.5 meter to infinity. Marked distances. in feet—5, 6, 7, 8, 10, 12, 15, 20, 30, 50, 70, 100, 200, and ∞ . Marked distances in meters—1.5, 1.75, 2, 2.5, 3, 4, 5, 7, 10, 15, 20, 30, 60, and ∞ .

Angle of View : Total field 19° ; vertically 10° , horizontally 15° .

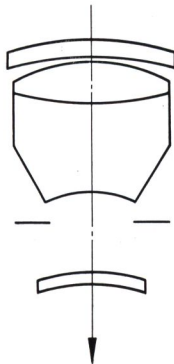
Magnification : 2.7x.

Coating : Magenta.

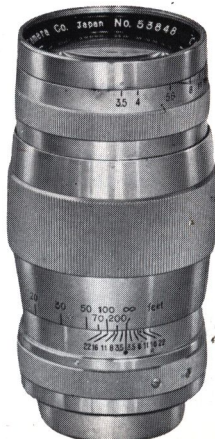
Attachment Size : 48mm screw-in Adapter Ring; Series VII Attachments.

Net Weight : Appr. 580 grams or 21 oz.

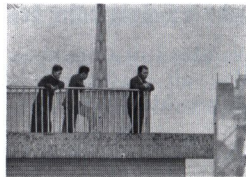
Note : Use Special Viewfinder or Universal Viewfinder.



135mm
f: 3.5

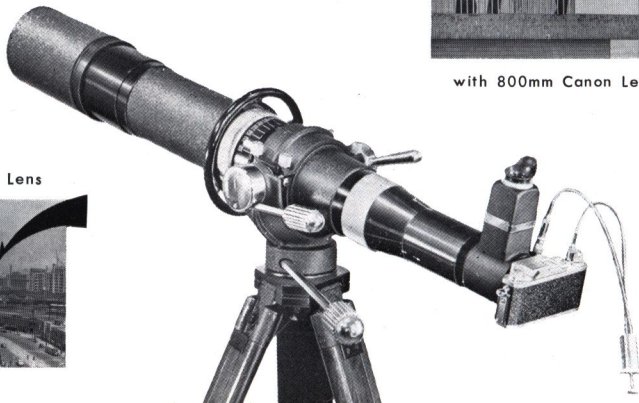


EXTRA-LONG FOCUS
CANON LENS 800mm f: 8



with 800mm Canon Lens

with 50mm Canon Lens



CANON Lens 800mm f:8

The 800mm f:8 Canon lens is a recent addition to the group of interchangeable accessory lenses designed for use with Canon Cameras, and other cameras of similar type. It gives an image 16 times as large as that of the standard 50mm lens. This lens is not coupled to the Range-Viewfinder built into the Canon Camera. Instead, special reflex mirror-box is provided which gives a direct unreserved image of the subject, even at the instant of photographing it. The 800mm lens is ideal for recording animal life in its natural habitat, sporting events, and other subjects at extreme distances from the photographer. Because this lens has equal resolving powers to the standard 50mm lens, any enlargements will have the life-like qualities of ordinary close-up. It is especially recommended with infra-red film for distant landscapes where precise detail is required.

A sturdy tripod is available with lens to give support and complete manoeuvrability.

Specifications :

Lens Elements : 2.

Lens Mount & Head : Non-collapsible. Revolving.

Coating : Purple.

Marked distances : 22m (or 72.16 ft.) 23 (75.44) 25 (81.800) 27 (88.568) 30 (98.400) 35 (114.80)
40 (131.20) 44 (144.760) 50 (164.00) 60 (186.80) 70 (229.60) 80 (262.40) 100 (328.0)
120 (393.60) 150 (492.0) 200 (656.00) 300 (984.00) 500 (1,640.00).

Marked Apertures : f:8, 11, 16, 22 and 32.

Focusing Range : 22m (or 72.2ft.) to ∞ .

Angle of View : 3°.

Accessories : Mirror Box (reflex) Double Cable Release and Eyepiece. Tripod. dual platform. legs fold in two sections. Filters R₀, R₁, Hood Carrying Wooden Box.

28 mm

Depth of Field
data on all
Canon Lenses.



Special Viewfinder
for 28mm lens

Depth of field in feet:

Canon 28mm f : 3.5

Distance focused on (ft)	Circle of Confusion=0.035													
	f : 3.5		f : 4		f : 5.6		f : 8		f : 11		f : 16		f : 22	
	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in
∞	22- 1	∞	19- 4 $\frac{1}{2}$	∞	13-10 $\frac{1}{2}$	∞	9- 9 $\frac{1}{4}$	∞	7- 2	∞	4-11 $\frac{3}{4}$	∞	3- 6	∞
50	15- 4	∞	13-11 $\frac{3}{4}$	∞	10-10 $\frac{1}{4}$	∞	8- 1 $\frac{3}{4}$	∞	6- 2 $\frac{3}{4}$	∞	4- 5 $\frac{3}{4}$	∞	3- 4 $\frac{1}{4}$	∞
25	11- 9 $\frac{1}{4}$	∞	10-11 $\frac{1}{2}$	∞	8-11 $\frac{1}{2}$	∞	7- 1 $\frac{1}{2}$	∞	5- 6 $\frac{7}{8}$	∞	4- 1 $\frac{1}{2}$	∞	3- 2	∞
15	8-11 $\frac{7}{8}$	46- 1	8- 6 $\frac{1}{8}$	65-	7- 3 $\frac{1}{8}$	∞	5-11 $\frac{1}{2}$	∞	4-10 $\frac{3}{8}$	∞	3- 8 $\frac{7}{8}$	∞	2-11 $\frac{1}{4}$	∞
10	6-11 $\frac{1}{4}$	18- 1 $\frac{1}{2}$	6- 7 $\frac{3}{4}$	20- 4 $\frac{1}{2}$	5-10 $\frac{3}{8}$	35-	4-11 $\frac{7}{8}$	∞	4- 2 $\frac{1}{2}$	∞	3- 4 $\frac{1}{8}$	∞	2- 8 $\frac{3}{8}$	∞
8	5-11 $\frac{1}{8}$	12- 4 $\frac{1}{2}$	5- 8 $\frac{1}{2}$	13- 5 $\frac{1}{8}$	5- 1 $\frac{3}{8}$	18- 5 $\frac{3}{4}$	4- 5 $\frac{3}{8}$	43-	3- 9 $\frac{7}{8}$	∞	3- 1 $\frac{1}{4}$	∞	2- 6 $\frac{1}{4}$	∞
6	4- 9 $\frac{1}{8}$	8- 1 $\frac{1}{2}$	4- 7 $\frac{1}{2}$	8- 6 $\frac{3}{4}$	4- 2 $\frac{7}{8}$	10- 4	3- 9 $\frac{1}{4}$	15- 3 $\frac{1}{4}$	3- 3 $\frac{7}{8}$	35- 6	2- 9 $\frac{1}{4}$	∞	2- 3 $\frac{3}{4}$	∞
5	4- 1 $\frac{3}{8}$	6- 4 $\frac{1}{2}$	4- 1 $\frac{1}{4}$	6- 7 $\frac{3}{4}$	3- 8 $\frac{3}{4}$	7- 7 $\frac{7}{8}$	3- 4 $\frac{3}{8}$	9-11 $\frac{1}{8}$	3-	15-10 $\frac{1}{2}$	2- 6 $\frac{1}{2}$	∞	2- 1 $\frac{7}{8}$	∞
4	3- 5 $\frac{1}{8}$	4- 9 $\frac{7}{8}$	3- 4 $\frac{1}{4}$	4-11 $\frac{5}{8}$	3- 1 $\frac{7}{8}$	5- 6	2-10 $\frac{3}{4}$	6- 6 $\frac{7}{8}$	2- 7 $\frac{1}{2}$	8- 8 $\frac{1}{4}$	2- 3 $\frac{1}{4}$	19- 3 $\frac{1}{4}$	1-11 $\frac{5}{8}$	∞
3.5	3- 3 $\frac{5}{8}$	4- 1 $\frac{1}{4}$	3	4- 2 $\frac{1}{2}$	2-10 $\frac{1}{8}$	4- 7	2- 7 $\frac{1}{2}$	5- 3 $\frac{1}{2}$	2- 4 $\frac{7}{8}$	6- 6 $\frac{3}{4}$	2- 1 $\frac{3}{8}$	11- 3 $\frac{1}{4}$	1-10 $\frac{1}{8}$	66- 3 $\frac{3}{8}$

28 mm

S. T.

28 mm

Depth of field in meters :

Canon 28mm f : 3.5



28mm Front
Attachment
for Canon
Universal
Viewfinder

Distance focused on (m)	Circle of Confusion=0.035													
	f : 3.5		f : 4		f : 5.6		f : 8		f : 11		f : 16		f : 22	
	m	m	m	m	m	m	m	m	m	m	m	m	m	m
∞	6,700	∞	5,800	∞	4,200	∞	2,900	∞	2,100	∞	1,500	∞	1,100	∞
20	5,050	∞	4,550	∞	3,500	∞	2,600	∞	1,950	∞	1,400	∞	1,050	∞
10	4,040	∞	3,720	∞	2,980	∞	2,290	∞	1,790	∞	1,310	∞	0,990	∞
7	3,450	∞	3,220	∞	2,650	∞	2,090	∞	1,660	∞	1,240	∞	0,950	∞
5	2,890	19,150	2,720	32,260	2,310	∞	1,880	∞	1,520	∞	1,160	∞	0,910	∞
4	2,530	9,720	2,400	12,230	2,070	71,520	1,720	∞	1,420	∞	1,100	∞	0,870	∞
3	2,090	5,340	2,005	6,010	1,770	10,090	1,510	∞	1,275	∞	1,015	∞	0,820	∞
2.5	1,840	3,925	1,770	4,275	1,590	5,980	1,375	15,065	1,180	∞	0,955	∞	0,780	∞
2	1,555	2,810	1,510	2,980	1,375	3,715	1,215	5,900	1,060	22,870	0,875	∞	0,725	∞
1.75	1,400	2,335	1,365	2,450	1,255	2,920	1,120	4,115	0,990	8,465	0,825	∞	0,695	∞
1.5	1,239	1,905	1,209	1,981	1,123	2,275	1,015	2,931	0,906	4,599	0,770	110,000	0,654	∞
1.25	1,065	1,515	1,044	1,562	0,979	1,737	0,897	2,090	0,812	2,806	0,702	6,638	0,605	∞
1	0,880	1,159	0,866	1,186	0,822	1,282	0,764	1,461	0,702	1,771	0,620	2,755	0,545	8,512

28 mm

J. M.

35 mm



Square Lens Hood

Depth of field in feet

Canon Lens 35mm f : 2.8

Distance focused on (ft)	Circle of Confusion=0.035															
	f : 2.8		f : 3.2		f : 4		f : 5.6		f : 8		f : 11		f : 16		f : 22	
	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in
∞	43-	∞	37- 2	∞	29- 9 $\frac{1}{4}$	∞	21- 3 $\frac{1}{4}$	∞	15-	∞	10-11 $\frac{1}{8}$	∞	7- 7 $\frac{3}{8}$	∞	5- 7 $\frac{1}{8}$	∞
50	23-	∞	21- 4 $\frac{1}{4}$	∞	18- 8 $\frac{1}{2}$	∞	14-11 $\frac{1}{4}$	∞	11- 6 $\frac{1}{4}$	∞	8-11 $\frac{1}{8}$	∞	6- 6 $\frac{3}{8}$	∞	4-11 $\frac{1}{8}$	∞
25	15- 9 $\frac{1}{2}$	60-	15- $\frac{1}{8}$	76- 9	13- 7 $\frac{3}{4}$	154-	11- 7 $\frac{1}{4}$	∞	9- 4 $\frac{7}{8}$	∞	7- 7 $\frac{3}{8}$	∞	5- 9 $\frac{7}{8}$	∞	4- 6 $\frac{3}{8}$	∞
15	11- 2	23- $\frac{1}{4}$	10- 9	24-10 $\frac{7}{8}$	10- $\frac{1}{2}$	29-10 $\frac{1}{4}$	8-10 $\frac{3}{8}$	49- 9	7- 6 $\frac{5}{8}$	∞	6- 4 $\frac{5}{8}$	∞	5- $\frac{7}{8}$	∞	4- 1	∞
10	8- 1 $\frac{5}{8}$	12-11 $\frac{3}{4}$	7-11 $\frac{1}{8}$	13- 6 $\frac{5}{8}$	7- 6 $\frac{1}{2}$	14-10 $\frac{5}{8}$	6-10 $\frac{1}{2}$	18- 6 $\frac{3}{8}$	6- $\frac{3}{4}$	29- 4	5- 3 $\frac{1}{2}$	110-	4- 4 $\frac{3}{8}$	∞	3- 7 $\frac{1}{2}$	∞
8	6- 9 $\frac{1}{4}$	9- 9 $\frac{3}{8}$	6- 7 $\frac{1}{2}$	10- 1 $\frac{1}{4}$	6- 4 $\frac{1}{2}$	10- 9 $\frac{3}{4}$	5-10 $\frac{1}{2}$	12- 7 $\frac{1}{8}$	5- 3 $\frac{3}{8}$	16- 9	4- 8 $\frac{1}{4}$	28- 7 $\frac{1}{2}$	3-11 $\frac{1}{2}$	∞	3- 4	∞
6	5- 3 $\frac{1}{2}$	6-11 $\frac{1}{8}$	5- 2 $\frac{1}{2}$	7- 1 $\frac{1}{8}$	5- $\frac{1}{2}$	7- 5 $\frac{1}{8}$	4- 8 $\frac{7}{8}$	8- 2 $\frac{5}{8}$	4- 4 $\frac{1}{8}$	9- 9 $\frac{1}{4}$	3-11 $\frac{3}{8}$	12-10	3- 5	27- $\frac{1}{4}$	2-11 $\frac{3}{8}$	∞
5	4- 6 $\frac{1}{8}$	5- 7 $\frac{1}{2}$	4- 5 $\frac{3}{8}$	5- 8 $\frac{3}{4}$	4- 3 $\frac{7}{8}$	5-11 $\frac{1}{4}$	4- 1 $\frac{1}{2}$	6- 5 $\frac{1}{8}$	3- 9 $\frac{3}{4}$	7- 4	3- 6	8-10 $\frac{3}{4}$	3- 1	13-10 $\frac{7}{8}$	2- 8 $\frac{3}{8}$	43- 8 $\frac{1}{2}$
4	3- 8 $\frac{1}{8}$	4- 4 $\frac{5}{8}$	3- 7 $\frac{5}{8}$	4- 5 $\frac{1}{4}$	3- 6 $\frac{3}{4}$	4- 6 $\frac{7}{8}$	3- 5	4-10 $\frac{1}{8}$	3- 1 $\frac{7}{8}$	5- 4	2-11 $\frac{7}{8}$	6- 1 $\frac{1}{8}$	2- 8 $\frac{1}{2}$	8- $\frac{1}{2}$	2- 4 $\frac{1}{4}$	13- 1 $\frac{5}{8}$
3.5	3- 3 $\frac{1}{8}$	3- 9 $\frac{3}{8}$	3- 2 $\frac{3}{4}$	3-10	3- 2	3-11	3- $\frac{5}{8}$	4- 1 $\frac{1}{2}$	2-10 $\frac{5}{8}$	4- 5 $\frac{1}{2}$	2- 8 $\frac{1}{2}$	4-11 $\frac{3}{4}$	2- 5 $\frac{1}{2}$	6- 2 $\frac{1}{4}$	2- 2 $\frac{5}{8}$	8- 9 $\frac{1}{8}$

35 mm

S. T.

Depth of field in meters

Canon Lens 35mm f: 2.8

Distance focused on (m)	Circle of Confusion=0.035															
	f : 2.8		f : 3.2		f : 4		f : 5.6		f : 8		f : 11		f : 16		f : 22	
	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
∞	12,900	∞	11,300	∞	9,000	∞	6,400	∞	4,500	∞	3,300	∞	2,300	∞	1,600	∞
20	7,850	∞	7,250	∞	6,250	∞	4,900	∞	3,700	∞	2,850	∞	2,050	∞	1,550	∞
10	5,660	43,780	5,330	84,840	4,770	∞	3,950	∞	3,140	∞	2,510	∞	1,880	∞	1,440	∞
7	4,560	15,140	4,350	18,170	3,970	30,300	3,390	∞	2,780	∞	2,270	∞	1,740	∞	1,370	∞
5	3,620	8,090	3,490	8,870	3,240	11,010	2,850	21,320	2,400	∞	2,020	∞	1,590	∞	1,270	∞
4	3,070	5,750	2,970	6,130	2,800	7,070	2,500	10,230	2,150	31,290	1,840	∞	1,480	∞	1,200	∞
3	2,450	3,875	2,385	4,045	2,270	4,420	2,070	5,480	1,830	8,525	1,600	28,300	1,325	∞	1,100	∞
2.5	2,110	3,075	2,060	3,180	1,975	3,410	1,825	3,995	1,635	5,390	1,450	9,600	1,220	∞	1,025	∞
2	1,745	2,345	1,710	2,405	1,655	2,535	1,545	2,845	1,410	3,475	1,270	4,820	1,095	13,815	0,935	∞
1.75	1,550	2,010	1,525	2,050	1,480	2,145	1,395	2,355	1,285	2,770	1,170	3,555	1,015	6,795	0,881	∞
1.5	1,354	1,683	1,335	1,713	1,299	1,777	1,234	1,919	1,147	2,182	1,055	2,635	0,931	4,050	0,817	11,594
1.25	1,148	1,373	1,135	1,392	1,109	1,433	1,062	1,523	0,998	1,681	0,928	1,934	0,832	2,587	0,741	4,380
1	0,935	1,075	0,927	1,087	0,910	1,111	0,878	1,163	0,835	1,251	0,787	1,382	0,718	1,678	0,651	2,265

Depth of field in feet

Canon Lens 50mm f : 2.8, f : 1.8 and f : 1.5

50 mm

Distance focused on (ft)	Circle of Confusion=0.035																					
	f : 1.5		f : 1.8		f : 1.9		f : 2		f : 2.8		f : 3.5		f : 4		f : 5.6		f : 8		f : 11		f : 16	
	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in
∞	167-6 $\frac{1}{2}$	∞	139-	∞	132-	∞	125-	∞	89-	∞	72-	∞	63-	∞	44- 9	∞	31- 4	∞	22-10	∞	15- 9	∞
50	38- 7	71- 2 $\frac{5}{8}$	36-10 $\frac{1}{4}$	77-10	36- 4	80-	35-10	83-	32- 2	113-	29- 6	165-	27-11	245-	23- 9	∞	19- 5	∞	15- 9	∞	12- 1	∞
25	21- 9 $\frac{1}{2}$	29- 3 $\frac{7}{8}$	21- 3	30- 4 $\frac{1}{2}$	21- 1	30- 9	20-11	31- 1	19- 7	34- 6	18- 7	38- 2	18-	41- 3	16- 2	56-	14-	119-	12- 1	∞	9- 9	∞
15	13- 9 $\frac{1}{2}$	16- 5 $\frac{1}{4}$	13- 7	16- 9 $\frac{1}{8}$	13- 6	16-10	13- 5	16-11	12-11	17-11	12- 6	18-10	12- 2	19- 7	11- 4	22- 3	10- 3	28- 2	9- 2	42- 1	7- 9 $\frac{1}{2}$	247-
10	9- 5 $\frac{1}{2}$	10- 7 $\frac{1}{4}$	9- 4 $\frac{3}{8}$	10- 8 $\frac{3}{4}$	9- 4	10- 9	9- 3 $\frac{1}{2}$	10-10	9- $\frac{1}{2}$	11- 2	8-10	11- 6	8- 8	11-10	8- 3	12- 9	7- 8	14- 5	7- 1	17- 4	6- 3	26-
8	7- 7 $\frac{7}{8}$	8- 4 $\frac{1}{2}$	7- 7	8- 5 $\frac{1}{2}$	7- 6 $\frac{3}{4}$	8- 5 $\frac{7}{8}$	7- 6 $\frac{1}{2}$	8- 6 $\frac{1}{8}$	7- 4 $\frac{1}{2}$	8- 8 $\frac{7}{8}$	7- 2 $\frac{7}{8}$	8-11 $\frac{3}{8}$	7- 1 $\frac{3}{4}$	9- 1	6-10 $\frac{1}{4}$	9-7 $\frac{5}{8}$	6- 5 $\frac{1}{2}$	10- 7	6- $\frac{1}{4}$	12-	5- 5	15- 7
6	5- 9 $\frac{3}{4}$	6- 2 $\frac{1}{2}$	5- 9 $\frac{1}{4}$	6- 3	5- 9 $\frac{1}{8}$	6- 3 $\frac{1}{4}$	5- 9	6- 3 $\frac{1}{2}$	5- 7 $\frac{7}{8}$	6- 4 $\frac{3}{4}$	5- 6 $\frac{7}{8}$	6- 6	5- 6 $\frac{1}{2}$	6- 7	5- 4 $\frac{1}{8}$	6-10 $\frac{1}{8}$	5- 1 $\frac{1}{4}$	7- 3 $\frac{1}{2}$	4-10	7-11 $\frac{1}{4}$	4- 5 $\frac{3}{8}$	9- 4
5	4-10 $\frac{5}{8}$	5- 1 $\frac{5}{8}$	4-10 $\frac{3}{8}$	5- 2	4-10	5- 2 $\frac{1}{8}$	4- 9 $\frac{7}{8}$	5- 2 $\frac{1}{4}$	4- 9 $\frac{1}{8}$	5- 3 $\frac{1}{4}$	4- 8 $\frac{1}{2}$	5- 4	4- 8	5- 4 $\frac{3}{4}$	4- 6 $\frac{1}{2}$	5- 1 $\frac{3}{4}$	4- 4 $\frac{1}{2}$	5-10 $\frac{1}{8}$	4- 2 $\frac{1}{8}$	6- 3	3-10 $\frac{5}{8}$	7- $\frac{7}{8}$
4	3-11	4- 1	3-10 $\frac{7}{8}$	4- 1 $\frac{1}{4}$	3-10 $\frac{3}{4}$	4- 1 $\frac{3}{8}$	3-10 $\frac{3}{8}$	4- 1 $\frac{3}{8}$	3-10 $\frac{1}{8}$	4- 2	3- 9 $\frac{3}{4}$	4- 2 $\frac{1}{2}$	3- 9 $\frac{1}{2}$	4- 2 $\frac{7}{8}$	3- 8 $\frac{1}{2}$	4- 4 $\frac{1}{8}$	3- 7 $\frac{1}{8}$	4- 6 $\frac{1}{8}$	3- 5 $\frac{5}{8}$	4- 8 $\frac{7}{8}$	3- 3 $\frac{1}{4}$	5- 2 $\frac{1}{8}$
3.5	3- 5 $\frac{1}{2}$	3- 6 $\frac{3}{4}$	3- 5 $\frac{1}{8}$	3- 6 $\frac{1}{8}$	3- 5	3- 7	3- 5	3- 7	3- 4 $\frac{5}{8}$	3- 7 $\frac{1}{2}$	3- 4 $\frac{1}{4}$	3- 7 $\frac{7}{8}$	3- 4	3- 8 $\frac{1}{8}$	3- 3 $\frac{3}{8}$	3- 9	3- 2 $\frac{3}{8}$	3-10 $\frac{1}{2}$	3- 1 $\frac{1}{8}$	4- $\frac{1}{2}$	2-11 $\frac{1}{4}$	4- 4 $\frac{1}{8}$

50 mm

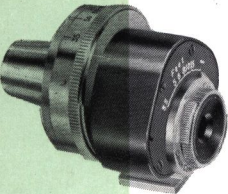
S. T.

Depth of field in meters

Canon Lens 50mm f : 2.8, f : 1.8 and f : 1.5

Distance focused on (m)	Circle of Confusion=0.035																					
	f : 1.5		f : 1.8		f : 1.9		f : 2		f : 2.8		f : 3.5		f : 4		f : 5.6		f : 8		f : 11		f : 16	
	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
∞	50,700	∞	42,300	∞	40,000	∞	38,000	∞	27,200	∞	21,700	∞	19,000	∞	13,600	∞	9,500	∞	6,900	∞	4,800	∞
20	14,400	32,900	13,600	37,750	13,400	39,700	13,150	41,900	11,550	74,600	10,450	236,200	9,800	∞	8,150	∞	6,500	∞	5,200	∞	3,900	∞
10	8,380	12,410	8,110	13,040	8,030	13,270	7,950	13,500	7,340	15,700	6,890	18,320	6,590	20,800	5,810	36,720	4,930	∞	4,140	∞	3,280	∞
7	6,170	8,090	6,020	8,360	5,980	8,450	5,930	8,540	5,590	9,370	5,330	10,230	5,150	10,960	4,660	14,170	4,080	25,370	3,530	∞	2,890	∞
5	4,560	5,530	4,490	5,650	4,460	5,690	4,440	5,730	4,240	6,090	4,090	6,440	3,990	6,720	3,690	7,790	3,320	10,260	2,950	17,020	2,490	∞
4	3,720	4,330	3,670	4,400	3,650	4,430	3,630	4,450	3,500	4,660	3,400	4,860	3,330	5,020	3,120	5,590	2,850	6,740	2,580	9,100	2,220	21,980
3	2,840	3,180	2,810	3,215	2,800	3,230	2,790	3,245	2,715	3,350	2,655	3,455	2,610	3,530	2,480	3,800	2,310	4,295	2,136	5,130	1,885	7,605
2.5	2,390	2,620	2,370	2,645	2,360	2,655	2,355	2,665	2,300	2,735	2,255	2,805	2,225	2,855	2,135	3,025	2,005	3,325	1,870	3,800	1,680	4,995
2	1,930	2,075	1,915	2,090	1,910	2,095	1,905	2,100	1,875	2,145	1,845	2,185	1,825	2,215	1,760	2,315	1,675	2,485	1,580	2,735	1,445	3,295
1.75	1,695	1,805	1,685	1,820	1,685	1,825	1,680	1,825	1,655	1,860	1,635	1,890	1,615	1,910	1,565	1,985	1,500	2,105	1,425	2,280	1,315	2,650
1.5	1,461	1,541	1,454	1,550	1,451	1,552	1,449	1,555	1,429	1,579	1,413	1,600	1,401	1,615	1,365	1,666	1,314	1,750	1,257	1,867	1,171	2,103
1.25	1,224	1,278	1,218	1,283	1,217	1,285	1,215	1,287	1,202	1,303	1,190	1,317	1,182	1,327	1,157	1,361	1,121	1,414	1,080	1,408	1,017	1,631
1	0,984	1,017	0,980	1,021	0,979	1,022	0,978	1,023	0,970	1,032	0,963	1,041	0,957	1,047	0,941	1,067	0,918	1,099	0,891	1,141	0,850	1,220

50 mm



Universal
Viewfinder

85 mm

Depth of field in feet

Canon Lens 85mm f : 1.9 and f : 1.5

Distance focused on (ft)	Circle of Confusion=0.035																	
	f : 1.5		f : 1.9		f : 2		f : 2.8		f : 4		f : 5.6		f : 8		f : 11		f : 16	
	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in
∞	441-	∞	349-	∞	330-	∞	236-	∞	166-	∞	118-	∞	83-	∞	60- 6	∞	41- 9 $\frac{1}{4}$	∞
100	88-	129-	77-10	141-	76-11	143-	70- 5	173-	62- 6	252-	54- 4	640-	45- 5 $\frac{1}{2}$	∞	37- 9 $\frac{1}{4}$	∞	29- 5 $\frac{3}{4}$	∞
50	44-11 $\frac{3}{4}$	56- 3	43- 9 $\frac{3}{4}$	58- 3	43- 6 $\frac{1}{2}$	58- 9	41- 4 $\frac{1}{2}$	63- 3	39- 5 $\frac{1}{4}$	71- 4	35- 3 $\frac{1}{2}$	86-	31- 4 $\frac{1}{4}$	125-	27- 6 $\frac{1}{4}$	284-	22-10 $\frac{1}{2}$	∞
30	28- 1 $\frac{3}{8}$	32- 1 $\frac{1}{2}$	27- 8 $\frac{1}{2}$	32- 9	27- 6 $\frac{3}{4}$	32-11	26- 8 $\frac{1}{4}$	24- 3	25- 6	36- 5 $\frac{3}{4}$	24- $\frac{1}{2}$	39-11	22- 2	46- 6 $\frac{1}{2}$	20- 2 $\frac{1}{2}$	58- 9	17- 7 $\frac{1}{4}$	104-
20	19- 2	20-11	18-11 $\frac{1}{2}$	21- 2	18-10 $\frac{3}{4}$	21- 2 $\frac{3}{4}$	18- 5 $\frac{7}{8}$	21- 9 $\frac{1}{4}$	17-11	22- 7 $\frac{3}{4}$	17- 2 $\frac{3}{4}$	23-11	16- 2 $\frac{3}{4}$	26- 1 $\frac{1}{4}$	15- 2	29- 6	13- 8	37- 7 $\frac{3}{4}$
15	14- 6 $\frac{3}{8}$	15- 6	14- 4 $\frac{7}{8}$	15- 3 $\frac{3}{4}$	14- 4 $\frac{5}{8}$	15- 8 $\frac{1}{8}$	14- 1 $\frac{3}{4}$	15-11 $\frac{1}{8}$	13- 9 $\frac{3}{4}$	16- 5	13- 4 $\frac{3}{8}$	17- $\frac{3}{4}$	12- 9 $\frac{5}{8}$	18- 1 $\frac{5}{8}$	12- 1 $\frac{5}{8}$	19- 8 $\frac{1}{4}$	11- 2	22-11 $\frac{1}{2}$
12	11- 8 $\frac{3}{8}$	12- 3 $\frac{3}{4}$	11- 4 $\frac{7}{8}$	12- 4 $\frac{3}{4}$	11- 7 $\frac{1}{4}$	12- 5 $\frac{1}{8}$	11- 5 $\frac{1}{2}$	12- 7 $\frac{1}{8}$	11- 2 $\frac{1}{2}$	12-10 $\frac{1}{2}$	10-11 $\frac{1}{2}$	13- 3 $\frac{3}{8}$	10- 6 $\frac{7}{8}$	13-10 $\frac{5}{8}$	10- 1 $\frac{1}{2}$	14- 9 $\frac{1}{8}$	9- 5 $\frac{3}{8}$	16- 6
10	9- 9 $\frac{1}{2}$	10- 2 $\frac{5}{8}$	9- 8 $\frac{3}{4}$	10- 3 $\frac{1}{2}$	9- 8 $\frac{3}{4}$	10- 3 $\frac{1}{2}$	9- 7 $\frac{1}{2}$	10- 4 $\frac{7}{8}$	9- 5 $\frac{5}{8}$	10- 7 $\frac{1}{8}$	9- 4	10-10 $\frac{1}{2}$	9-	11- 3 $\frac{3}{8}$	8- 8 $\frac{1}{8}$	11- 9 $\frac{7}{8}$	8- 2 $\frac{1}{2}$	12-10 $\frac{1}{2}$
8	7-10 $\frac{1}{2}$	8- 1 $\frac{3}{8}$	7-10	8- 2	7-10	8- 2 $\frac{1}{8}$	7- 9 $\frac{1}{8}$	8- 3	7- 8	8- 4 $\frac{3}{8}$	7- 6 $\frac{1}{2}$	8- 6 $\frac{1}{4}$	7- 4 $\frac{1}{4}$	8- 9 $\frac{1}{4}$	7- 1 $\frac{3}{4}$	9- 1 $\frac{1}{4}$	6- 9 $\frac{3}{4}$	9- 8 $\frac{1}{2}$
7	6-10 $\frac{7}{8}$	7- 1 $\frac{1}{4}$	6-10 $\frac{1}{2}$	7- 1 $\frac{1}{2}$	6-10 $\frac{1}{2}$	7- 1 $\frac{3}{8}$	6- 9 $\frac{7}{8}$	7- 2 $\frac{1}{4}$	6- 9	7- 3 $\frac{1}{4}$	6- 7 $\frac{3}{4}$	7- 4 $\frac{3}{4}$	6- 6 $\frac{1}{8}$	7- 6 $\frac{7}{8}$	6- 4 $\frac{1}{8}$	7- 9 $\frac{3}{4}$	6- 1	8- 3
6	5-11 $\frac{1}{8}$	6- $\frac{7}{8}$	5-10 $\frac{7}{8}$	6- 1 $\frac{1}{8}$	5-11	6- 1 $\frac{1}{8}$	5-10 $\frac{1}{2}$	6- 1 $\frac{3}{8}$	5- 9 $\frac{3}{4}$	6- 2 $\frac{3}{8}$	5- 9	6- 3 $\frac{3}{8}$	5- 7 $\frac{3}{4}$	6- 4 $\frac{7}{8}$	5- 6 $\frac{1}{4}$	6- 6 $\frac{1}{4}$	5- 4	6-10 $\frac{1}{2}$
5	4-11 $\frac{3}{8}$	5- $\frac{5}{8}$	4-11 $\frac{1}{2}$	5- $\frac{3}{4}$	4-11 $\frac{1}{2}$	5- $\frac{3}{4}$	4-11	5- 1 $\frac{1}{8}$	4-10 $\frac{1}{2}$	5- 1 $\frac{5}{8}$	4-10	5- 2 $\frac{1}{4}$	4- 9 $\frac{1}{8}$	5- 3 $\frac{3}{4}$	4- 8 $\frac{1}{8}$	5- 4 $\frac{1}{2}$	4- 6 $\frac{1}{2}$	5- 6 $\frac{7}{8}$
4	3-11 $\frac{1}{4}$	4- $\frac{3}{4}$	3-11 $\frac{1}{2}$	4- $\frac{1}{2}$	3-11 $\frac{1}{2}$	4- $\frac{3}{4}$	3-11 $\frac{3}{8}$	4- $\frac{5}{8}$	3-11 $\frac{1}{8}$	4- 1	3-10 $\frac{3}{4}$	4- 1 $\frac{3}{8}$	3-10 $\frac{1}{4}$	4- 2	3- 9 $\frac{5}{8}$	4- 2 $\frac{1}{4}$	3- 8 $\frac{1}{2}$	4- 4 $\frac{1}{8}$
3.5	3- 5 $\frac{3}{4}$	3- 6 $\frac{1}{4}$	3- 5 $\frac{3}{8}$	3- 6 $\frac{3}{8}$	3- 5 $\frac{5}{8}$	3- 6 $\frac{3}{8}$	3- 5 $\frac{1}{2}$	3- 6 $\frac{1}{2}$	3- 5 $\frac{3}{8}$	3- 6 $\frac{3}{4}$	3- 5	3- 7	3- 4 $\frac{5}{8}$	3- 7 $\frac{3}{8}$	3- 4 $\frac{1}{4}$	3- 8	3- 3 $\frac{3}{4}$	3- 9

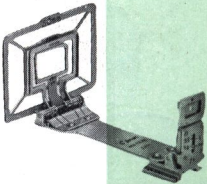
85 mm

S. T.

Depth of field in meters

Canon Lens 35mmf : 1.9 and f : 1.5

Universal Framefinder



Distance focused on (m)	Circle of Confusion=0.035																	
	f : 1.5		f : 1.9		f : 2		f : 2.8		f : 4		f : 5.6		f : 8		f : 11		f : 16	
	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
∞	134,000	∞	106,000	∞	100,000	∞	72,000	∞	50,400	∞	36,000	∞	25,200	∞	18,300	∞	12,600	∞
30	24,600	38,500	23,400	41,700	23,200	42,600	21,300	51,200	18,900	73,500	16,400	175,000	13,800	∞	11,500	∞	8,900	∞
15	13,500	16,850	13,150	17,450	13,100	17,600	12,450	18,900	11,600	21,250	10,650	25,500	9,450	36,450	8,300	78,850	6,900	∞
10	9,320	10,790	9,160	11,020	9,120	11,080	8,800	11,580	8,380	12,410	7,870	13,740	7,210	16,380	6,530	21,550	5,640	45,620
7	6,660	7,370	6,580	7,480	6,560	7,510	6,400	7,730	6,170	8,090	5,890	8,630	5,520	9,590	5,110	11,140	4,560	15,270
5	4,830	5,180	4,780	5,240	4,770	5,250	4,690	5,360	4,570	5,530	4,410	5,770	4,200	6,180	3,970	6,780	3,630	8,090
4	3,890	4,120	3,860	4,150	3,860	4,160	3,800	4,220	3,720	4,330	3,620	4,470	3,480	4,710	3,320	5,050	3,080	5,730
3	2,940	3,065	2,925	3,080	2,920	3,085	2,890	3,120	2,845	3,175	2,785	3,250	2,700	3,375	2,605	3,540	2,460	3,860
2.5	2,460	2,545	2,445	2,555	2,445	2,560	2,425	2,580	2,390	2,620	2,350	2,670	2,295	2,750	2,225	2,860	2,120	3,060
2	1,975	2,025	1,965	2,035	1,965	2,035	1,950	2,050	1,930	2,075	1,906	2,105	1,870	2,155	1,825	2,215	1,755	2,335
1.75	1,730	1,770	1,725	1,775	1,725	1,775	1,715	1,790	1,700	1,805	1,680	1,830	1,650	1,865	1,615	1,910	1,560	1,995
1.5	1,486	1,515	1,482	1,518	1,481	1,519	1,474	1,527	1,463	1,539	1,448	1,556	1,427	1,581	1,402	1,614	1,361	1,671
1.25	1,240	1,260	1,238	1,262	1,237	1,263	1,232	1,268	1,225	1,276	1,215	1,287	1,201	1,304	1,183	1,325	1,156	1,363
1	0,994	1,006	0,993	1,007	0,992	1,008	0,989	1,011	0,985	1,016	0,979	1,022	0,970	1,032	0,959	1,045	0,942	1,067

85 mm

Depth of field in feet

Canon Lens 100mm f : 3.5



Filters

100 mm

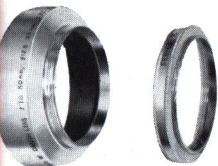
Distance focused on (ft)	Circle of Confusion=0.035													
	f : 3.5		f : 4		f : 5.6		f : 8		f : 11		f : 16		f : 22	
	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in
∞	268-	∞	235-	∞	168-	∞	118-	∞	85-10	∞	59- 3	∞	43- 3	∞
100	73- $3\frac{1}{8}$	167-	70- 4	173-	62-10	246-	54- 3	656-	46- 4	∞	37- $3\frac{1}{2}$	∞	30- $2\frac{3}{4}$	∞
50	42- $3\frac{1}{4}$	61- $2\frac{3}{8}$	41- $4\frac{1}{2}$	63- 3	38- $8\frac{1}{4}$	70- 9	35- $3\frac{1}{2}$	86- 2	31- $9\frac{1}{2}$	118-	27- $3\frac{1}{2}$	316-	23- 3	∞
30	27- $2\frac{1}{8}$	33- $7\frac{3}{4}$	26- $8\frac{1}{4}$	34- 3	25- $6\frac{3}{4}$	36- $3\frac{3}{4}$	24- $2\frac{3}{4}$	39-11	22- $4\frac{3}{4}$	45- $7\frac{1}{2}$	20- 1	59-10	17- $10\frac{3}{4}$	95-11
20	18- $8\frac{1}{8}$	21- $6\frac{1}{2}$	18- 6	21- $9\frac{1}{4}$	17- $11\frac{1}{2}$	22- 7	17- $2\frac{1}{2}$	23- $10\frac{3}{4}$	16- $4\frac{1}{4}$	25- $9\frac{1}{2}$	15- $1\frac{3}{8}$	29- $8\frac{1}{2}$	13- $10\frac{1}{4}$	36- $4\frac{1}{2}$
15	14- 3	15-10	14- $1\frac{7}{8}$	15- $11\frac{1}{2}$	13- $10\frac{1}{8}$	16- $4\frac{1}{2}$	13- $4\frac{3}{4}$	17- $\frac{5}{2}$	12- $10\frac{5}{8}$	17- $11\frac{5}{8}$	12- $1\frac{3}{8}$	19- $9\frac{1}{8}$	11- $3\frac{5}{8}$	22- $5\frac{1}{2}$
12	11- $6\frac{3}{4}$	12- $6\frac{1}{8}$	11- $5\frac{1}{2}$	12- $7\frac{1}{8}$	11- $3\frac{1}{8}$	12- $10\frac{1}{4}$	10- $11\frac{3}{8}$	13- 3	10- $7\frac{1}{2}$	13- $9\frac{1}{2}$	10- $1\frac{1}{2}$	14- $9\frac{5}{8}$	9- $6\frac{1}{2}$	16- $2\frac{7}{8}$
10	9- $8\frac{1}{2}$	10- $4\frac{1}{8}$	9- $7\frac{1}{2}$	10- $4\frac{7}{8}$	9- $5\frac{7}{8}$	10- $6\frac{7}{8}$	9- $3\frac{3}{8}$	10- $10\frac{1}{8}$	9- $\frac{1}{2}$	11- $2\frac{1}{2}$	8- 8	11-10	8- $3\frac{1}{8}$	12- $8\frac{3}{8}$
8	7- $9\frac{1}{2}$	8- $2\frac{5}{8}$	7- $9\frac{1}{4}$	8- 3	7- $8\frac{1}{8}$	8- $4\frac{1}{2}$	7- $6\frac{1}{8}$	8- $6\frac{1}{4}$	7- $4\frac{3}{4}$	8- $8\frac{5}{8}$	7- $1\frac{3}{4}$	9- $1\frac{1}{4}$	6- $10\frac{1}{2}$	9- $7\frac{1}{4}$
7	6- $10\frac{1}{4}$	7- 2	6- $9\frac{7}{8}$	7- $2\frac{1}{4}$	6- $9\frac{1}{8}$	7- $3\frac{1}{8}$	6- $7\frac{7}{8}$	7- $4\frac{3}{8}$	6- $6\frac{1}{2}$	7- $6\frac{1}{8}$	6- $4\frac{1}{8}$	7- $9\frac{3}{4}$	6- $1\frac{5}{8}$	8- 2
6	5- $10\frac{3}{8}$	6- $1\frac{1}{2}$	5- $10\frac{1}{2}$	6- $1\frac{5}{8}$	5- $9\frac{7}{8}$	6- $2\frac{1}{4}$	5- 9	6- $3\frac{1}{2}$	5- 8	6- $4\frac{1}{2}$	5- $6\frac{3}{8}$	6- $6\frac{7}{8}$	5- $4\frac{3}{8}$	6- $9\frac{3}{4}$
5	4- $11\frac{1}{8}$	5- $\frac{7}{8}$	4-11	5- 1	4- $10\frac{5}{8}$	5- $1\frac{1}{2}$	4-10	5- $2\frac{1}{8}$	4- $9\frac{1}{4}$	5- 3	4- $8\frac{1}{8}$	5- $4\frac{1}{2}$	4- $6\frac{7}{8}$	5- $6\frac{3}{8}$
4	3- $11\frac{1}{2}$	4- $\frac{1}{2}$	3- $11\frac{3}{8}$	4- $\frac{5}{8}$	3- $11\frac{1}{8}$	4- $\frac{7}{8}$	3- $10\frac{3}{8}$	4- $1\frac{1}{2}$	3- $10\frac{3}{8}$	4- $1\frac{3}{4}$	3- $9\frac{5}{8}$	4- $2\frac{5}{8}$	3- $8\frac{7}{8}$	4- $3\frac{3}{4}$
3.5	3- $5\frac{1}{8}$	3- $6\frac{3}{8}$	3- $5\frac{1}{2}$	3- $6\frac{1}{2}$	3- $5\frac{3}{8}$	3- $6\frac{5}{8}$	3- $5\frac{1}{8}$	3- $6\frac{7}{8}$	3- $4\frac{1}{2}$	3- $7\frac{1}{4}$	3- $4\frac{1}{4}$	3- $7\frac{7}{8}$	3- $3\frac{5}{8}$	3- $8\frac{3}{8}$

100 mm

S. T.

Depth of field in meters

Canon Lens 100mm f : 3.5



Lens hood

Distance focused on (m)	Circle of Confusion=0.035													
	f : 3.5		f : 4		f : 5.6		f : 8		f : 11		f : 16		f : 22	
	m	m	m	m	m	m	m	m	m	m	m	m	m	m
∞	81,600	∞	71,400	∞	51,000	∞	35,700	∞	26,000	∞	17,900	∞	13,000	∞
50	31,100	128,000	29,500	164,000	25,400	2084,000	20,900	∞	17,200	∞	13,300	∞	10,400	∞
20	16,100	26,350	15,700	27,650	14,450	32,600	12,900	44,750	11,400	83,800	9,550	∞	8,000	∞
10	8,940	11,350	8,810	11,570	8,410	12,350	7,870	13,740	7,290	16,000	6,490	22,030	5,740	40,410
7	6,470	7,630	6,400	7,730	6,190	8,060	5,900	8,620	5,570	9,450	5,100	11,240	4,630	14,580
5	4,730	5,310	4,690	5,350	4,580	5,510	4,420	5,760	4,240	6,110	3,960	6,800	3,680	7,870
4	3,830	4,190	3,800	4,220	3,730	4,310	3,630	4,460	3,500	4,670	3,320	5,050	3,120	5,610
3	2,900	3,105	2,890	3,120	2,850	3,170	2,790	3,245	2,720	3,350	2,610	3,535	2,485	3,795
2.5	2,435	2,570	2,425	2,580	2,395	2,610	2,355	2,665	2,305	2,730	2,225	2,855	2,140	3,015
2	1,960	2,045	1,955	2,050	1,935	2,070	1,910	2,100	1,880	2,140	1,825	2,210	1,770	2,305
1.75	1,720	1,780	1,715	1,785	1,700	1,800	1,680	1,825	1,660	1,855	1,620	1,905	1,575	1,970
1.5	1,478	1,522	1,475	1,526	1,466	1,536	1,451	1,552	1,434	1,573	1,406	1,608	1,374	1,654
1.25	1,236	1,265	1,234	1,267	1,227	1,274	1,218	1,284	1,206	1,298	1,187	1,320	1,166	1,349
1	0,992	1,009	0,990	1,010	0,987	1,014	0,981	1,020	0,974	1,028	0,963	1,041	0,949	1,057

100 mm

J. M.

100 mm



Filter retaining ring

135 mm

Depth of field in feet

Canon Lens 135mm f : 3.5

Distance focused on (ft)	Circle of Confusion=0.035													
	f : 3.5		f : 4		f : 5.6		f : 8		f : 11		f : 16		f : 22	
	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in	ft-in
∞	483-		423-	∞	302-	∞	212-	∞	154-	∞	106-	∞	77- 8	∞
200	141-	340-	136-	378-	121-	581-	103-	3521-	87- 4	∞	69- 7	∞	56-	∞
100	83- 1	125-	81- 1	131-	75- 5	149-	68- 3	188-	61-	281-	51-10	1629-	43-11	∞
70	61- 4	81- 7	60- 3	83- 7	57- 1	90- 8	52-10	104-	48- 5	127-	42- 6	202-	37- 1	696-
50	45- 5 $\frac{1}{4}$	55- 7 $\frac{1}{4}$	44-10	56- 6	43- 1	59- 8	40- 8	65-	38-	73- 3	34- 3 $\frac{1}{2}$	93-	30- 8	138-
30	28- 4	31-10 $\frac{3}{4}$	28- 1 $\frac{1}{2}$	32- 2 $\frac{1}{2}$	27- 5	33- 1 $\frac{3}{4}$	26- 5 $\frac{1}{4}$	34- 8 $\frac{1}{2}$	25- 3 $\frac{1}{2}$	36-10 $\frac{3}{4}$	23- 7 $\frac{1}{2}$	41- 2 $\frac{1}{2}$	21-10 $\frac{1}{2}$	47-11 $\frac{1}{2}$
20	19- 3 $\frac{1}{8}$	20- 9 $\frac{5}{8}$	19- 1 $\frac{7}{8}$	20-11 $\frac{1}{4}$	18-10 $\frac{1}{8}$	21- 3 $\frac{3}{4}$	18- 4 $\frac{3}{8}$	21-11 $\frac{1}{4}$	17-10 $\frac{1}{8}$	22- 9 $\frac{1}{4}$	17- $\frac{1}{4}$	24- 3 $\frac{1}{2}$	16- 1 $\frac{3}{8}$	26- 5 $\frac{1}{4}$
15	14- 7 $\frac{1}{8}$	15- 5 $\frac{1}{4}$	14- 6 $\frac{3}{8}$	15- 6	14- 4 $\frac{1}{2}$	15- 8 $\frac{1}{2}$	14- 1 $\frac{1}{8}$	16- $\frac{3}{8}$	13- 9 $\frac{3}{8}$	16- 5 $\frac{1}{2}$	13- 3 $\frac{1}{2}$	17- 2 $\frac{3}{4}$	12- 9 $\frac{1}{8}$	18- 3
12	11- 8 $\frac{7}{8}$	12- 3 $\frac{1}{4}$	11- 8 $\frac{1}{2}$	12- 3 $\frac{3}{4}$	11- 7 $\frac{1}{8}$	12- 5 $\frac{1}{4}$	11- 5 $\frac{1}{8}$	12- 7 $\frac{5}{8}$	11- 2 $\frac{3}{4}$	12-10 $\frac{3}{8}$	10-10 $\frac{1}{8}$	13- 4 $\frac{1}{8}$	10- 6 $\frac{1}{8}$	13-11 $\frac{1}{4}$
10	9- 9 $\frac{7}{8}$	10- 2 $\frac{1}{8}$	9- 9 $\frac{5}{8}$	10- 2 $\frac{1}{2}$	9- 8 $\frac{5}{8}$	10- 3 $\frac{1}{2}$	9- 7 $\frac{3}{8}$	10- 5 $\frac{1}{8}$	9- 5 $\frac{5}{8}$	10- 7 $\frac{1}{8}$	9- 3	10-10 $\frac{3}{8}$	9-	11- 3 $\frac{1}{4}$
8	7-10 $\frac{3}{4}$	8- 1 $\frac{3}{8}$	7-10 $\frac{1}{2}$	8- 1 $\frac{1}{2}$	7-10	8- 2 $\frac{1}{8}$	7- 9 $\frac{1}{8}$	8- 3 $\frac{1}{8}$	7- 8 $\frac{1}{8}$	8- 4 $\frac{3}{8}$	7- 6 $\frac{3}{8}$	8- 6 $\frac{1}{8}$	7- 4 $\frac{1}{2}$	8- 9 $\frac{1}{8}$
7	6-11	7- 1	6-10 $\frac{7}{8}$	7- 1 $\frac{1}{8}$	6-10 $\frac{1}{2}$	7- 1 $\frac{1}{4}$	6- 9 $\frac{1}{4}$	7- 2 $\frac{1}{4}$	6- 9	7- 3 $\frac{1}{4}$	6- 7 $\frac{1}{4}$	7- 4 $\frac{1}{4}$	6- 6 $\frac{1}{4}$	7- 6 $\frac{1}{4}$
6	5-11 $\frac{3}{4}$	6- $\frac{3}{8}$	5-11 $\frac{1}{4}$	6- $\frac{3}{4}$	5-10 $\frac{1}{2}$	6- 1 $\frac{1}{8}$	5-10 $\frac{1}{2}$	6- 1 $\frac{1}{8}$	5- 9 $\frac{1}{2}$	6- 2 $\frac{1}{4}$	5- 9	6- 3 $\frac{1}{4}$	5- 8	6- 4 $\frac{3}{8}$
5	4-11 $\frac{1}{2}$	5- $\frac{1}{2}$	4-11 $\frac{1}{2}$	5- $\frac{1}{2}$	4-11 $\frac{1}{4}$	5- $\frac{3}{4}$	4-11	5- 1	4-10 $\frac{3}{4}$	5- 1 $\frac{1}{2}$	4-10	5- 2 $\frac{1}{4}$	4- 9 $\frac{1}{2}$	5- 3

135 mm

S. T.

Depth of field in meters

Canon Lens 135mm f : 3.5

Distance focused on (m)	Circle of Confusion=0.035													
	f : 3.5		f : 4		f : 5.6		f : 8		f : 11		f : 16		f : 22	
	m	m	m	m	m	m	m	m	m	m	m	m	m	m
∞	147,000	∞	128,000	∞	91,900	∞	64,300	∞	46,800	∞	32,200	∞	23,400	∞
60	42,700	100,000	41,000	111,000	36,400	171,000	31,200	832,000	26,400	∞	21,100	∞	17,000	∞
30	25,000	37,600	24,400	39,000	22,700	44,300	20,600	55,600	18,400	81,900	15,700	390,000	13,300	∞
20	17,650	23,050	17,350	23,600	16,500	25,400	15,350	28,750	14,100	34,450	12,450	51,400	10,900	126,000
15	13,650	16,650	13,500	16,900	12,950	17,850	12,250	12,400	11,450	21,800	10,350	27,500	9,250	40,150
10	9,390	10,700	9,310	10,800	9,060	11,160	8,710	11,750	8,310	12,580	7,720	14,260	7,110	16,980
7	6,700	7,330	6,660	7,380	6,530	7,540	6,350	7,800	6,140	8,150	5,820	8,800	5,480	9,750
5	4,850	5,160	4,830	5,180	4,760	5,260	4,670	5,380	4,560	5,540	4,380	5,830	4,190	6,220
4	3,910	4,100	3,890	4,110	3,850	4,160	3,790	4,230	3,720	4,330	3,600	4,500	3,470	4,720
3	2,950	3,055	2,940	3,060	2,920	3,085	2,885	3,125	2,845	3,175	2,780	3,260	2,705	3,370
2.5	2,465	2,535	2,460	2,540	2,445	2,555	2,425	2,585	2,395	2,615	2,350	2,670	2,300	2,745
2	1,980	2,020	1,975	2,025	1,965	2,035	1,955	2,050	1,935	2,070	1,910	2,100	1,875	2,145
1.75	1,735	1,765	1,730	1,770	1,725	1,775	1,715	1,785	1,700	1,800	1,680	1,825	1,660	1,855
1.5	1,489	1,511	1,488	1,513	1,483	1,518	1,476	1,525	1,467	1,535	1,452	1,551	1,435	1,572



Step up ring

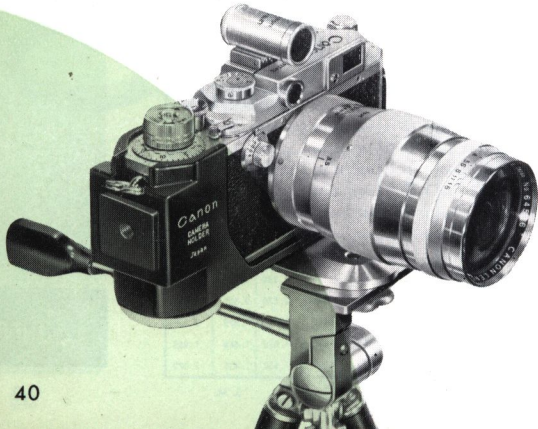
135 mm

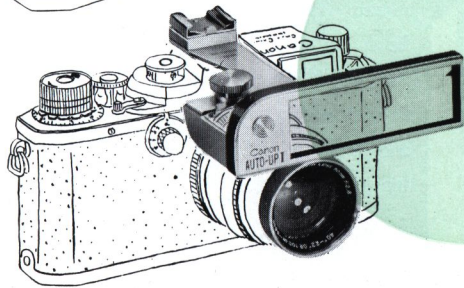
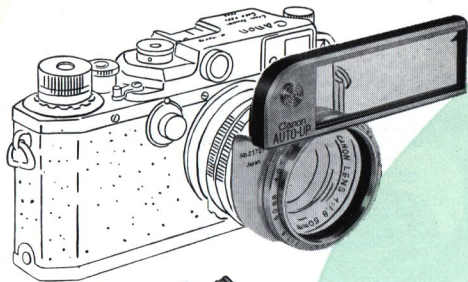
J. M.

135 mm

CANON CAMERA HOLDER

An ideal accessory for close-up, telephoto and time exposure shots. The Canon CAMERA HOLDER is designed to hold the camera in a balanced position when using a tripod. The camera can be mounted either vertically or horizontally. Spirit Level ensures accurate composition of subject. Additional tripod sockets may be used for mounting Canon Side Lighting Units.





CANON AUTO-UPS

Supplementary close-up lens, which is simply mounted in front of the Canon 50mm focal length lenses; permits sharp focusing through Canon Camera Rangefinder in the usual manner. Eliminates cumbersome measuring of distance. For accurate work the Parallax Compensator is available. Two types available; No. 1 and No. 2. Focusing range for the former is from approximately 56cm (22") to 100cm (40") and for the latter is from approximately 39cm (15") to 52cm (20").



CANON UNIVERSAL VIEWFINDER

A precision instrument which gives an exceptionally sharp erect image. Field of view is variable for lenses with focal lengths between 35mm and 135mm. The fields of view are unaffected by the position of the eye. Both parallax compensating scale and dioptical adjustment device are incorporated.

LEATHER CARRYING CASES.

Leather Case for Telephoto Lenses



Leather Case for Wide-Angle Lenses



CANON CAMERA COMPANY, INC., TOKYO, JAPAN