



Canon Camera Co., Inc.

10T-ES-6-51

Ginza, Tokyo, Japan 35mm f: 3.2 Wide Angle Lens

Printed in Japan



Lenses

# Canon Interchangeable SERENAR Lenses



35 mm 35 mm 50 mm 50 mm 85 mm 100 mm 135 mm f: 3.5 f: 3.2 f : 3.5 f: 1.9 f : 2 f : 4 page 12 page 13 page 15 page 16 page 20 page 22

A series of these pictures are all taken from the same spot with lenses of different focal length. Notice the difference in field-of-view and size of building. For the best results select your lens according to a subject and condition in which you







100 mm f · 4

50 mm f: 3.5

lection of which lens you should use determine the best field-of-view of the

are situated. Before making the se-

50 mm f: 1.9 subject with the use of different Viewfinders or Universal

35 mm f: 3.5 35 mm f: 3-2 Viewfinder by adjusting to various focal length markings.

SERENAR lens is a fine piece of equipment. It is just as precision as a Canon camera and should be handled as such. Each element of the lens is accurately polished and carefully coated before it is set into a lens barrel. It is properly set and aligned by hand with an employment of microscopic alignment instruments. All lenses are rigidly tested by putting them through respective testing instruments for checking resolving power and lens aberrations — suberical aberration, coma astigmatism, curvature of field, distortion, chromatic aberration and color definition. Lenses failed to pass any one of these factors are immediately cancelled and destroyed. A coating harder than optical glass surface - ultra hard-coating — is furnished on outer lens surfaces — the front and the rear — to protect against scratches. while soft-coating is furnished on all inner air-surfaces. Ultra hard-coating and soft-coating is performed on all lenses to eliminate flare and to increase sharpness of images,

In order to expect satisfactory results at all times lens should be handled with extreme care. Lens surfaces should be free from dust, dirt, and fingerprints. The use of lens cap is recommended when the camera is not in use. Keep away from extreme and sudden temperature changes and never store in hot or humid places.

For cleaning lens surfaces remove dust or grit by using fine soft brush or a reliable lens cleaning paper. If further cleaning is necessary for removing fingerprints etc. use a drop of reliable lens cleaner on the

cleaning paper or clean lint-free cloth. Always wipe very lightly and gently in a circular motion.

If there is any doubt as to the performance of the lens or any repair required for the lens it should be returned to the manufacturer immediately.

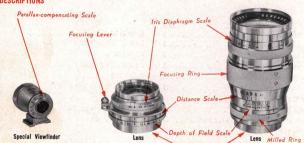
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| 85mm f: 2 .    |                     |  |  |   |
|----------------|---------------------|--|--|---|
| Depth of Field | Table for 85mm f: 2 |  |  |   |
| 100mm f : 4    |                     |  |  | r |

### DESCRIPTIONS



### TO DISMOUNT LENS

Place the camera on its back in your hand and unsrew the lens by grasping its base. This can be done with the lens in either the extended or retracted position. Give a slight jerking motion at first to loosen the lens as it is firmly screwed into the lens flange. After loosened, unscrew gently from the camera. The use of Focusing Lever will be helpful by locking it into the Infinity Catch for

those with focal length of 50mm or less.

Avoid turning any other part of the lens but its base only, for if, disregarded the lens will be thrown completely out of alignment. Oiling or greasing the fine thread should also be avoided. Do not tamper with the lens under any circumstances.





## TO MOUNT LENS

Unscrew the helicoid cover from the rear of a lens intended to use. Next hold the camera in the same manner as described in the preceding page and introduce the lens to the lens flange of the camera. Search the entrance of the thread at first by turning the lens counter-clockwise slightly and then screw into the camera until you come to a stop. When reaching this point, force fraction of an inch farther by grasping the base of the lens so that it will be mounted firmly. Should the thread of the lens turn hard or bind, remove the lens and correct

the trouble. Do not attempt to tighten the lens into the flange

by grasping any other part but its base only.

NOTE .

1. Do not face the lens flange of the camera to strong light during the interchange of lenses. It is advisable to shield it immediately with your body or by some



Lens Flange



Plastic Lens Case



Helicoid Cover

2. In order to keep foreign matters such as dust, sand, or 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 the Lens Cap

and Helicoid Cover.

# VIEWFINDER VS PARALLAX ADMISTMENT

on a film frame.

Inasmuch as the built-in viewfinder of the camera has no device for parallax adjustment the use of Special Viewfinder or Universal Viewfinder is recommended for all lenses except those with standard focal length (50mm).

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 Parallaxcompensating Scale of the Viewfinder to 10 by which the field you see through the Finder will be identical to what the lens will register

Since the lens and the Viewfinder are not mechanically connected the latter must be ad-

justed independently each time after the focusing is done.



#### SUNSHADE & FILTER

The use of sunshade is recommended at all times - indoors or outdoors - to keep undesirable light from striking the lens

For better results the use of filter is effective also in certain occasion. To use filters correctly, however, filter and film manufacturers' recommendations should be followed.

# SERENAR 35mm f: 3.5 - Wide-Angle Lens

#### Specifications .

Lens Element : 4 Lens Mount: Non-collapsible.

Lens Head: Non-revolving Marked Apertures: f: 3.5, 4, 5.6, 8, 11, 16, and 22.

Focusing Range: 3.5 ft to infinity. Marked distances-3.5, 4, 5, 6, 8, 10, 15, 25, 50,

and a

When focused for infinity 64°. 36mm Slip-on Adapter Ring; Series

VI Attachment.

Note: Use Special Viewfinder or Universal Viewfinder.



### SERENAR 35mm f: 3.2 - Wide-Angle Lens

#### Specifications:

Lens Element : 6. Lens Mount: Non-collapsible.

Lens Head: Non-revolving. Marked Apertures: f: 3.2. 4. 5.6. 8. 11. 16. and

3.5 ft to infinity. Marked Focusing Range: distances - 3.5. 4. 5. 6. 8. 10, 15, 25, 50, and ∞.

Angle of View: When focused for infinity 64°. Attachment Size: 36mm Slip-on Adapter Ring; Series VI Attachment.

Use Special Viewfinder or Universal Viewfinder.





## Depth of Field: Serenar 35mm f: 3.5 and f: 3.2

| Distance   |     | Circle of Confusion = 0.035mm |             |     |     |    |              |     |     |    |              |     |     |                |      |      |     |     |       |               |      |                |               |       |
|------------|-----|-------------------------------|-------------|-----|-----|----|--------------|-----|-----|----|--------------|-----|-----|----------------|------|------|-----|-----|-------|---------------|------|----------------|---------------|-------|
| on<br>(ft) |     |                               | 3.2<br>o ft | -in |     |    | 3.5<br>to ft |     |     |    | 4<br>o ft-in |     |     | 5.6<br>o ft-in | fr-i | f:   |     | -in |       | 11<br>o ft-in |      | 16<br>to ft-in | f:<br>ft-in t |       |
| 00         | 37- | 2                             | •           |     | 33- | 11 |              |     | 29- | 9  |              | 21- | 31  | -              | 15-  |      | •   |     | 10-11 | -             | 7- 7 |                | 5- 7          |       |
| 50         | 21- | 41                            |             |     | 20- | 3  | -            | d   | 18- | 81 |              | 14- | 111 | -              | 11-  | 61   |     |     | 8-11  |               | 6- 6 | -              | 4-118         |       |
| 25         | 15- |                               | 76-         | 9   | 14  | 5  | 94-          | d   | 13- | 71 | 155-         | 10- | 4   |                | 9.   | 41   |     |     | 7- 7  |               | 5- 9 |                | 4- 6          |       |
| 15         | 10- | 9                             | 24-         | 11  | 10- | 54 | 25-          | 7   | 10- | i  | 29-11        | 8-  | 10  | 49-10          | 7-   | 61   |     |     | 6- 4  | -             | 5-   |                | 45 1          | -     |
| 10         | 7-  | 114                           | 13-         | 6)  | 7-  | 91 | 14-          | ŧ   | 7-  | 6  | 14-10        | 6   | 10  | 18- 6          | 6-   |      | 29- | 4   | 5- 3  | 110-          | 4- 4 |                | 3- 7          | -     |
|            | 6-  | 74                            | 10-         | 1   | 6-  | 61 | 10-          | 41  | 6-  | 41 | 10- 9        | 5   | 10  | 12- 7          | 5-   | - 31 | 16- | 94  | 4- 8  | 28- 71        | 3-11 |                | 3-4           |       |
|            | 5-  | 2                             | 7-          | 1   | 5-  | 11 | 7-           | 21  | 5-  | 1  | 7- 5         | 4   | - 8 | 8- 2           | 4-   | - 4  | 9-  | 91  | 3-11  | 12-10         | 3- 5 | 27- 1          | 2-11          |       |
| 5          | 4-  | 51                            | 5-          | 84  | 4-  | 41 | 5-           | 91  | 4-  | 3  | 5-11         | 4   | - 1 | 6- 5           | 3-   | - 91 | 7-  | 4   | 3- 6  | 8-101         | 3- 1 | 13-10          | 2- 84         | 43- 9 |
| 4          | 3-  | 7                             | 4-          | 5   | 3-  | 7  | 4-           | 5   | 3-  | 61 | 4- 6         | 3   | . 5 | 4-10           | 3-   | - 17 | 5-  | 3   | 2-11  | 6- 1          | 2-8  | 8- 1           | 2- 4          | 13- 1 |
| 3.5        | 3-  | 21                            | 3           | 10  | 3:  | 2  | 3-           | 101 | 3-  | 2  | 3-11         | 3   | . ; | 4- 1           | 2    | -104 | 4-  | 5   | 2- 8  | 4-11          | 2- 5 | 6- 2           | 2- 21         | 8- 9  |

SERENAR 50mm f: 3.5 — Standard Lens

Specifications:

Lens Element : 4.

Lens Mount: Collapsible.
Lens Head: Revolving.

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

Focusing Range: 3.5 ft to infinity. Marked distances
- 3.5, 4, 5, 6, 8, 10, 15, 25, 50,

and ∞.

Angle of View: When focused for infinity 46°.

Attachment Size: 36mm Slip-on Adapter Ring; Series

VI Attachment.





# SERENAR 50mm f: 1.9 - Standard Lens

### Specifications:

Lens Element : 6.

Lens Mount: Collapsible. Lens Head: Non-revolving.

Marked Apertures: f: 1.9, 2.8, 4, 5.6, 8, and 11. Focusing Range: 3.5 ft to infinity. Marked distances

-3.5, 4, 5, 6, 8, 10, 15, 25, 50,

and w. When focused for infinity 46°.

Attachment Size: 42mm Slip-on Adapter Ring; Series

VI Attachment.

Denth of Field:

Serenar 50mm f: 3.5 and f: 1.9

| Distance | -              | - 3   |       |               |       |                 | Cir   | le of           | Confu | sion =        | 0.03  | 5mm            |       |                 | 10    |          |       |              |
|----------|----------------|-------|-------|---------------|-------|-----------------|-------|-----------------|-------|---------------|-------|----------------|-------|-----------------|-------|----------|-------|--------------|
| on       | f :<br>ft-in t |       |       | 2<br>lo ft-in |       | 2.8<br>to ft-in |       | 3.5<br>to ft-ir |       | 4<br>to ft-in |       | 5.6<br>o ft-in |       | e 8<br>to ft-in |       | to ft-in |       | 16<br>o ft-l |
| , 00     | 132-           | . 60  | 125-  |               | 89-   | 00              | 72-   | 00              | 63-   |               | 44- 9 |                | 31- 4 |                 | 22-11 |          | 15-9  |              |
| 50       | 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- 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- 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- 91 | 247-         |
| 10       | 9- 4           | 10- 9 | 9- 3  | 10-10         | 9- 4  | 11- 2           | 8-10  | 11- 6           | 8-8   | 11-10         | 8-3   | 12- 9          | 7- 8  | 14- 5           | 7- 1  | 17- 4    | 6-3   | 25-          |
| . 8      | 7- 6           | 8- 5  | 7- 6  | 8- 6          | 7- 4  | 8- 81           | 7- 2  | 8-11            | 7-11  | 9- 1          | 6-101 | .9- 71         | 6- 54 | 10- 7           | 6- 1  | 12-      | 5-5   | 15- 2        |
| 6        | 5- 9           | 6- 3  | 5- 9  | 6- 3          | 5- 7  | 6- 41           | 5- 6  | 6- 6            | 5- 6  | 6- 7          | 5- 4  | 6-10           | 5- 1  | 7- 3            | 4-10  | 7-11     | 4- 54 | 9- 4         |
| 5        | 4-10           | 5- 2  | 4- 9  | 5- 2          | 4- 9  | 5- 31           | 4- 84 | 5- 4            | 4-8   | 5- 4          | 4- 61 | 5- 6           | 4- 4  | 5-108           | 4- 2  | 6- 3     | 3-10% | 7-           |
| 4        | 3-10           | 4- 1  | 3-10  | 4- 1          | 3-10  | 4- 2            | 3- 9  | 4- 2            | 3- 9  | 4- 21         | 3- 8  | 4- 4           | 3- 7± | 4- 61           | 3- 51 | 4- 81    | 3- 31 | 5- 2         |
| 3.5      | 3- 5           | 3- 7  | 3- 5  | 3- 7          | 3- 4  | 3- 7            | 3- 4  | 3- 7            | 3- 4  | 3- 84         | 3- 34 | 3-9            | 3- 24 | 3-104           | 3- 1  | 4- +     | 2-114 | 4-4          |





# SERENAR 85mm f: 2 - Long Focal Lens

Specifications:

Lens Element : 6

Lens Mount: Non-collapsible.

Lens Head: Revolving. Marked Apertures: f: 2, 2.8, 4, 5.6, 8, 11, and 16. Focusing Range: 3.5 ft to infinity. Marked

distances - 3.5, 4, 5, 6, 7, 8, 10, 12, 15, 20, 30, 50, 100,

When focused for infinity 29°. Angle of View: Attachment Size: 50mm Slip-on Adapter Ring:

Series VII Attachment. Note: Use Special Viewfinder or Universal Viewfinder.

Denth of Field . Serenar 85mm f: 2

| Distance | 1     |        | NET!    | 19.50           | Cir    | le of         | Confu  | sion = | 0.03   | 5mm          |        |               | 11.   | - 10          |
|----------|-------|--------|---------|-----------------|--------|---------------|--------|--------|--------|--------------|--------|---------------|-------|---------------|
| on       |       | to ft- | inft-in | 2.8<br>to ft-ir |        | 4<br>to ft-in |        |        |        | 8<br>o ft-ir |        | 11<br>o ft-le |       | 16<br>to fr-i |
|          | 330-  |        | 236-    |                 | 166-   |               | 118-   |        | 83     | -            | 60-6   |               | 41- 9 |               |
| 100      | 76-11 | 143-   | 70-5    | 173-            | 62- 6  | 252-          | 54- 4  | 640-   | 45- 54 | -            | 37- 91 |               | 29- 5 | -             |
| 50       | 43- 6 | 58- 1  | 41-4    | 63- 3           | 39- 51 | 71- 4         | 35- 34 | 86-    | 31- 41 | 125-         | 27- 61 | 284-          | 22-10 |               |
| 30       | 27- 6 | 32-1   | 26-81   | 34- 3           | 25- 6  | 36- 58        | 24- 4  | 39-11  | 22- 2  | 46- 6        | 20- 24 | 58- 9         | 17- 7 | 104-          |
| 20 -     | 18-10 | 21- 2  | 18-51   | 21- 9           | 17-11  | 22- 78        | 17- 2  | 23-11  | 16- 2  | 26- 1        | 15- 2  | 29- 6         | 13- 8 | 37- 7         |
| 15       | 14- 4 | 15- 8  | 14-17   | 15-11           | 13- 9  | 16- 5         | 13- 4  | 17- 1  | 12- 91 | 18- 11       | 12- 1  | 19- 8         | 11 2  | 22-11         |
| 12       | 11-7  | 12- 5  | 111- 5  | 12- 7           | 11- 21 | 12-10         | 10-114 | 13- 3  | 10- 61 | 13-10        | 10- 11 | 14- 9         | 9- 5  | 16- 6         |
| 10       | 9- 8  | 10- 3  | 9- 7    | 10- 43          | 9- 5   | 10- 74        | 9- 4   | 10-10  | 9-     | 11 34        | 8- 81  | 11 9          | 8- 2  | 12-10         |
| 8        | 7-10  | 8- 2   | 7- 9    | 8 3             | 7- 8   | 8- 41         | 7- 64  | 8- 6   | 7- 41  | 8- 91        | 7- 10  | 9. 11         | 6- 9  | 9- 8          |
| 1        | 6-10  | 7- 1   | 6- 9    | 7- 21           | 6- 9   | 7- 31         | 6- 71  | 7- 41  | 6- 64  | 7- 61        | 6- 41  | 7- 9          | 6- 1  | 8- 3          |
|          | 5-11  | 6- 1   | 5-10    | 6- 1            | 5- 91  | 6- 21         | 5- 9   | 6- 31  | 5- 71  | 6- 4         | 5- 61  | 6- 61         | 5- 4  | 6-10          |
| 5        | 4-11  | 5-     | t 4-11  | 5- 12           | 4-10   | 5- 14         | 4-10   | 5- 21  | 4- 9   | 5- 31        | 4- 81  | 5- 4          | 4- 6  | 5- 6          |
| 4        | 3-114 | 4-     | 3-114   | 4 1             | 3-114  | 4- 1          | 3-101  | 4- 16  | 3-10+  | 4- 2         | 3- 92  | 4- 2          | 3- 8  | 4- 4          |
| 35       | 3- 54 | 3- 6   | 3 3- 54 | 3- 61           | 2. 50  | 2 61          | 9 6    |        | 2 41   | 9 71         | ~      |               |       |               |



# SERENAR 100mm f: 4 — Long Focal Lens

### Specifications:

Lens Element : 3.

Lens Mount: Non-collapsible.

Lens Head: Revolving.

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

Focusing Range: 3.5 ft to infinity. Marked distances

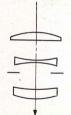
-3.5, 4, 5, 6, 7, 8, 10, 12, 15, 20, 30, 50, 100, and ω.

Angle of View: When focused for infinity 25°.

Attachment Size: 36mm Slip-on Adapter Ring;

Series VI Attachment.

Note: Use Special Viewfinder or Universal Viewfinder.



th fo Field: Serenar 100mm f: 4

| Distance   | JA.    |               |        | Circ                      | le of  | Confu         | sion = | 0 03          | 5mm    | 271           |                        | . 4    |  |
|------------|--------|---------------|--------|---------------------------|--------|---------------|--------|---------------|--------|---------------|------------------------|--------|--|
| on<br>(fr) |        | 4<br>to ft-in |        | f : 5.6<br>ft-in to ft-in |        | 8<br>to ft-in |        | 11<br>o ft-ir |        | 16<br>o ft-ir | f : 22<br>from to from |        |  |
|            | 235-   |               | 168-   |                           | 118-   | 60            | 85-10  |               | 59- 3  |               | 43-3                   |        |  |
| 100        | 70- 4  | 173-          | 62-10  | 246-                      | 54- 3  | 656-          | 46- 4  | -             | 37- 31 | -             | 30- 21                 |        |  |
| 50         | 41- 41 | 63- 3         | 38- 81 | 70- 9                     | 35- 31 | 86- 2         | 31- 9  | 118-          | 27- 34 | 316-          | 23- 3                  |        |  |
| 30         | 26- 8  | 34- 3         | 25- 61 | 36- 31                    | 24- 1  | 39-11         | 22- 41 | 45- 7         | 20- 1  | 59-10         | 17-102                 | 95-11  |  |
| 20         | 18- 6  | 21- 9         | 17-114 | 22- 7                     | 17- 24 | 23-101        | 16- 41 | 25- 9         | 15- 16 | 29- 8         | 13-101                 | 36- 41 |  |
| 15         | 14- 17 | 15-114        | 13-10  | 16- 4                     | 13- 41 | 17- 6         | 12-10  | 17-11         | 12- 14 | 19- 9         | 11- 3                  | 22- 51 |  |
| 12         | 11- 54 | 12- 7         | 11- 34 | 12-101                    | 10-112 | 13- 3         | 10- 74 | 13- 94        | 10- 11 | 14- 92        | 9- 64                  | 16- 21 |  |
| 10         | 9- 74  | 10- 41        | 9- 51  | 10- 61                    | 9- 31  | 10-10         | 9- 4   | 11- 21        | 8- 8   | 11-10         | 8- 31                  | 12- 8  |  |
| 8          | 7- 91  | 8- 3          | 7- 84  | 8- 41                     | 7- 61  | 8- 61         | 7- 4   | 8- 8;         | 7- 18  | 9- 14         | 6-10)                  | 9- 71  |  |
| 1          | 6- 92  | 7- 21         | 6- 94  | 7- 34                     | 6- 71  | 7- 4)         | 6. 6   | 7- 64         | 6- 41  | 7- 91         | 6- 10                  | 8- 2   |  |
|            | 5-10   | 6- 1          | 5- 91  | 6- 2                      | 5- 9   | 6- 31         | 5- 8   | 6- 4          | 5- 61  | 6- 61         | 5-14                   | 6- 95  |  |
| . 5        | 4-11   | 5- 1          | 4-101  | 5- 14                     | 4-10   | 5- 24         | 4- 91  | 5-3           | 4- 81  | 5- 4)         | 4- 5                   | 5- 61  |  |
| 4          | 3-114  | 4- 1          | 3-114  | 4- 1                      | 3-101  | 4- 14         | 3-101  | 4 -14         | 3- 92  | 4- 21         | 3- 81                  | 4- 31  |  |
| 3.5        | 3-54   | 3- 64         | 3- 54  | 3- 6)                     | 3- 54  | 3- 61         | 3. 41  | 3- 71         | 3- 41  | 3- 71         | 3- 31                  | 2. 81  |  |



# SERENAR 135mm f:4 — Telephoto Lens

### Specifications:

Lens Element : 4

Lens Mount: Non-collapsible.

Lens Head: Revolving.

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

Focusing Range: 5 ft to infinity. Marked distances

-5, 6, 7, 8, 10, 12, 15, 20, 30, 50, 70, 100, 200, and  $\infty$ .

Angle of View: When focused for infinity 19°.

Attachment size: 42mm Slip-on Adapter Ring;

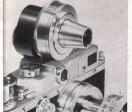
Series VI Attachment.

Note: Use Special Viewfinder or Universal Viewfinder.

Depth of Field: Serenar 135mm f:4

| Distance   | 36     |                 | Circ   | le of           | Confu      | ion =  | 0.03   | Smm           | 1116                   | CVB   |  |
|------------|--------|-----------------|--------|-----------------|------------|--------|--------|---------------|------------------------|-------|--|
| on<br>(ft) |        | : 4<br>to ft-ir |        | 5.6<br>to ft-in | f<br>ft-in |        |        | 11<br>o'ft-in | f : 16<br>ft-in to ft- |       |  |
| 10         | 423-   |                 | 302-   |                 | 212-       |        | 154-   |               | 106-                   |       |  |
| 200        | 136-   | 378-            | 121-   | 581-            | 103-       | 3521-  | 87- 4  |               | 69- 7                  |       |  |
| 100        | 81- 1  | 131-            | 75- 5  | 149-            | 68- 3      | 188-   | 61-    | 281-          | 51-10                  | 1629- |  |
| 70         | 60- 3  | 83- 7           | 57- 1  | 90- 8           | 52-10      | 104-   | 48- 5  | 127-          | 43- 6                  | 202-  |  |
| 50         | 44-10  | 56- 6           | 43- 1  | 59- 8           | 40- 8      | 65-    | 38-    | 73- 3         | 34- 34                 | 93-   |  |
| 30         | 28- 14 | 32- 21          | 27 48  | 33- 1           | 26- 5      | 34- 84 | 25- 34 | 36-104        | 23- 74                 | 41- 2 |  |
| 20         | 19- 13 | 20-11           | 18-10  | 21 - 31         | 18- 4      | 21-111 | 17-10  | 22- 91        | 17- 1                  | 24- 3 |  |
| 15         | 14- 6  | 15- 6           | 14 4   | 15- 8           | 14- 14     | 16- 4  | 13- 91 | 16- 54        | 13- 34                 | 17- 2 |  |
| 12         | 11- 8  | 12- 3           | 11- 78 | 12- 5           | 11- 5      | 12- 7  | 11- 21 | 12-10         | 10-10                  | 13- 4 |  |
| 10         | 9- 91  | 10- 2           | 9- 31  | 10- 3}          | 9- 71      | 10- 54 | 9- 5   | 10- 74        | 9- 3                   | 10-10 |  |
|            | 7-10   | 8- 14           | 7-10   | 8- 24           | 7- 9       | 8- 3   | 7- 84  | 8- 41         | 7- 61                  | 8- 6  |  |
| 7          | 6-10[  | 7- 14           | 6-10   | 7- 18           | 6- 9       | 7- 21  | 6-9    | 7- 34         | 6- 7                   | 7- 4  |  |
|            | 5-111  | 6- 1            | 5-104  | 6- 11           | 5-10       | 6- 1   | 5- 91  | 6- 21         | 5-9                    | 6-3   |  |
| 5          | 4-11   | 5- 4            | 4-11   | 5- 1            | 4-11       | 5- 1   | 4-108  | 5- 14         | 4-10                   | 5- 2  |  |





lenses of different focal length.

Canon accessories

### Canon IINIVERSAL VIEWFINDER

The Canon UNIVERSAL VIEWFINDER is a precision instrument through which an exceptionally sharp and erect image can be viewed. Field of view is variable for lenses with focal lengh of 35mm to 135mm. Click stops offer positive setting at any particular focal length marking. Parallax compensating scale enables accurate parallax correction. The Canon UNIVERSAL VIEWFINDER is an indispensable item for one having

(will be available later)



### Canon AUTO-UP

The Canon AUTO-UP is a close-up lens for use with the Serenar 50mm f . 1 9 lens Subject lying between 22 inches and 40 inches can be accurately focused with the rangefinder of the camera. Unscrewing the lens for inserting intermediate ring is not

necessary; simply mount the AUTO-UP onto the lens.

Ideal for photographing flowers, insects and other small objects.

### Canon CAMERA HOLDER

The Canon CAMERA HOLDER is designed to hold the camera sturdy in a balanced position



when using a tripod. The camera can be easily seated either vertically or horizontally. Spirit Level assures accurate composition of subject. Additional tripod sockets may be used for mounting the Canon Side Lighting Units.

An ideal accessory for close-up, telephoto