

## COOKE 5/8 PRIME LENSES

### Depth of Field Tables

These depth of field tables refer specifically to the optical designs used for these lenses, since allowance has been made for the position of the front nodal point relative to the film plane in each case.

The tables are based on a disc of confusion of 0.001 inches diameter for footage-scaled lenses and 0.025mm diameter for metric-scaled lenses.

In cases where it may be desirable to allow for a smaller or larger disc of confusion, the T-numbers read from the tables may be increased or reduced in the required ratio. Thus the depth values at T/8.0 will be the depth obtained at a criterion for definition corresponding to a disc of confusion of 0.002 inches (footage-scaled) or 0.05mm (metric-scaled) if the lens is set at T/4.0.

#### Key to tables:

U = Object distance sharply measured from the film plane.

N = Nearest distance in focus.

F = Farthest distance in focus.

Note: When using 35mm format 5/8 lenses to photograph in 16/Super16 format expand the in-focus area by a factor of 2.

Cooke 5/i

18mm

Feet

| Hyperfocal Setting |           |          |          |           |         |         |         |         |
|--------------------|-----------|----------|----------|-----------|---------|---------|---------|---------|
|                    | T/1.4     | T/2      | T/2.8    | T/4       | T/5.6   | T/8     | T/11    | T/16    |
|                    | 32' 10.7" | 23' 2.4" | 16' 8.9" | 11' 10.7" | 8' 7.9" | 6' 2.9" | 4' 8.4" | 3' 4.9" |
|                    |           |          |          |           |         |         |         | 2' 7.7" |

| U     |   | Depth of Field |           |          |           |          |           |           |           |          |
|-------|---|----------------|-----------|----------|-----------|----------|-----------|-----------|-----------|----------|
|       |   | T/1.4          | T/2       | T/2.8    | T/4       | T/5.6    | T/8       | T/11      | T/16      | T/22     |
| 14"   | N | 1' 1.9"        | 1' 1.8"   | 1' 1.8"  | 1' 1.7"   | 1' 1.5"  | 1' 1.4"   | 1' 1.1"   | 1' 0.8"   | 1' 0.5"  |
|       | F | 1' 2.1"        | 1' 2.2"   | 1' 2.3"  | 1' 2.4"   | 1' 2.5"  | 1' 2.8"   | 1' 3.2"   | 1' 3.8"   | 1' 4.8"  |
| 15"   | N | 1' 2.8"        | 1' 2.8"   | 1' 2.7"  | 1' 2.6"   | 1' 2.4"  | 1' 2.2"   | 1' 1.9"   | 1' 1.5"   | 1' 1.1"  |
|       | F | 1' 3.2"        | 1' 3.2"   | 1' 3.3"  | 1' 3.5"   | 1' 3.7"  | 1' 4.0"   | 1' 4.5"   | 1' 5.4"   | 1' 6.8"  |
| 16"   | N | 1' 3.8"        | 1' 3.7"   | 1' 3.6"  | 1' 3.5"   | 1' 3.3"  | 1' 3.0"   | 1' 2.6"   | 1' 2.2"   | 1' 1.6"  |
|       | F | 1' 4.2"        | 1' 4.3"   | 1' 4.4"  | 1' 4.6"   | 1' 4.9"  | 1' 5.3"   | 1' 6.0"   | 1' 7.1"   | 1' 9.0"  |
| 17"   | N | 1' 4.8"        | 1' 4.7"   | 1' 4.5"  | 1' 4.3"   | 1' 4.1"  | 1' 3.8"   | 1' 3.3"   | 1' 2.8"   | 1' 2.2"  |
|       | F | 1' 5.3"        | 1' 5.4"   | 1' 5.5"  | 1' 5.8"   | 1' 6.1"  | 1' 6.6"   | 1' 7.5"   | 1' 8.9"   | 1' 11.6" |
| 18"   | N | 1' 5.7"        | 1' 5.6"   | 1' 5.4"  | 1' 5.2"   | 1' 4.9"  | 1' 4.5"   | 1' 4.0"   | 1' 3.4"   | 1' 2.7"  |
|       | F | 1' 6.3"        | 1' 6.4"   | 1' 6.6"  | 1' 6.9"   | 1' 7.3"  | 1' 8.0"   | 1' 9.1"   | 1' 10.9"  | 2' 2.5"  |
| 19"   | N | 1' 6.7"        | 1' 6.5"   | 1' 6.3"  | 1' 6.1"   | 1' 5.7"  | 1' 5.3"   | 1' 4.7"   | 1' 4.0"   | 1' 3.2"  |
|       | F | 1' 7.4"        | 1' 7.5"   | 1' 7.8"  | 1' 8.1"   | 1' 8.6"  | 1' 9.4"   | 1' 10.7"  | 2' 1.0"   | 2' 5.8"  |
| 20"   | N | 1' 7.6"        | 1' 7.4"   | 1' 7.2"  | 1' 6.9"   | 1' 6.5"  | 1' 6.0"   | 1' 5.4"   | 1' 4.6"   | 1' 3.6"  |
|       | F | 1' 8.4"        | 1' 8.6"   | 1' 8.9"  | 1' 9.3"   | 1' 9.9"  | 1' 10.9"  | 2' 0.5"   | 2' 3.4"   | 2' 9.6"  |
| 22"   | N | 1' 9.5"        | 1' 9.3"   | 1' 9.0"  | 1' 8.6"   | 1' 8.1"  | 1' 7.4"   | 1' 6.6"   | 1' 5.6"   | 1' 4.5"  |
|       | F | 1' 10.6"       | 1' 10.8"  | 1' 11.2" | 1' 11.7"  | 2' 0.6"  | 2' 1.9"   | 2' 4.2"   | 2' 8.7"   | 3' 7.4"  |
| 2'    | N | 1' 11.3"       | 1' 11.1"  | 1' 10.7" | 1' 10.2"  | 1' 9.6"  | 1' 8.8"   | 1' 7.8"   | 1' 6.6"   | 1' 5.2"  |
|       | F | 2' 0.7"        | 2' 1.1"   | 2' 1.5"  | 2' 2.3"   | 2' 3.4"  | 2' 5.2"   | 2' 8.4"   | 3' 3.0"   | 4' 9.6"  |
| 2' 3" | N | 2' 2.1"        | 2' 1.7"   | 2' 1.2"  | 2' 0.6"   | 1' 11.7" | 1' 10.7"  | 1' 9.4"   | 1' 7.9"   | 1' 6.3"  |
|       | F | 2' 4.0"        | 2' 4.5"   | 2' 5.2"  | 2' 6.2"   | 2' 7.8"  | 2' 10.6"  | 3' 3.7"   | 4' 3.5"   | 8' 1.4"  |
| 2' 6" | N | 2' 4.8"        | 2' 4.3"   | 2' 3.7"  | 2' 2.9"   | 2' 1.8"  | 2' 0.5"   | 1' 10.9"  | 1' 9.1"   | 1' 7.2"  |
|       | F | 2' 7.4"        | 2' 8.0"   | 2' 8.9"  | 2' 10.3"  | 3' 0.6"  | 3' 4.6"   | 4' 0.6"   | 5' 9.4"   | 18' 7.1" |
| 2' 9" | N | 2' 7.5"        | 2' 6.9"   | 2' 6.1"  | 2' 5.1"   | 2' 3.8"  | 2' 2.2"   | 2' 0.3"   | 1' 10.2"  | 1' 8.0"  |
|       | F | 2' 10.7"       | 2' 11.5"  | 3' 0.7"  | 3' 2.6"   | 3' 5.8"  | 3' 11.4"  | 4' 11.4"  | 8' 1.5"   | INF      |
| 3'    | N | 2' 10.1"       | 2' 9.4"   | 2' 8.4"  | 2' 7.2"   | 2' 5.7"  | 2' 3.8"   | 2' 1.6"   | 1' 11.2"  | 1' 8.7"  |
|       | F | 3' 2.2"        | 3' 3.2"   | 3' 4.7"  | 3' 7.2"   | 3' 11.3" | 4' 7.1"   | 6' 1.1"   | 12' 3.6"  | INF      |
| 3' 6" | N | 3' 3.3"        | 3' 2.3"   | 3' 0.9"  | 2' 11.3"  | 2' 9.2"  | 2' 6.7"   | 2' 3.9"   | 2' 0.9"   | 1' 9.9"  |
|       | F | 3' 9.2"        | 3' 10.7"  | 4' 1.1"  | 4' 5.0"   | 4' 11.9" | 6' 2.0"   | 9' 7.0"   | 66' 10.3" | INF      |
| 4'    | N | 3' 8.3"        | 3' 7.0"   | 3' 5.2"  | 3' 3.1"   | 3' 0.4"  | 2' 9.3"   | 2' 5.9"   | 2' 2.4"   | 1' 10.9" |
|       | F | 4' 4.5"        | 4' 6.7"   | 4' 10.1" | 5' 3.9"   | 6' 2.8"  | 8' 3.9"   | 16' 10.7" | INF       | INF      |
| 5'    | N | 4' 6.0"        | 4' 3.9"   | 4' 1.2"  | 3' 10.0"  | 3' 6.1"  | 3' 1.8"   | 2' 9.3"   | 2' 4.7"   | 2' 0.5"  |
|       | F | 5' 7.7"        | 5' 11.6"  | 6' 6.1"  | 7' 5.9"   | 9' 7.1"  | 16' 5.0"  | INF       | INF       | INF      |
| 6'    | N | 5' 3.2"        | 5' 0.2"   | 4' 8.5"  | 4' 4.1"   | 3' 11.0" | 3' 5.5"   | 2' 11.9"  | 2' 6.5"   | 2' 1.6"  |
|       | F | 7' 0.0"        | 7' 6.4"   | 8' 5.5"  | 10' 3.4"  | 15' 0.1" | 46' 11.6" | INF       | INF       | INF      |
| 7'    | N | 6' 0.0"        | 5' 8.1"   | 5' 3.2"  | 4' 9.6"   | 4' 3.3"  | 3' 8.7"   | 3' 2.1"   | 2' 7.9"   | 2' 2.5"  |
|       | F | 8' 5.4"        | 9' 3.2"   | 10' 9.1" | 14' 0.3"  | 25' 2.2" | INF       | INF       | INF       | INF      |
| 10'   | N | 7' 11.9"       | 7' 4.7"   | 6' 8.3"  | 5' 11.0"  | 5' 1.3"  | 4' 3.7"   | 3' 6.7"   | 2' 10.8"  | 2' 4.2"  |
|       | F | 13' 5.9"       | 15' 10.1" | 21' 1.5" | 40' 9.6"  | INF      | INF       | INF       | INF       | INF      |
| 15'   | N | 10' 9.3"       | 9' 8.1"   | 8' 5.6"  | 7' 2.7"   | 6' 0.1"  | 4' 10.8"  | 3' 11.1"  | 3' 1.5"   | 2' 5.7"  |
|       | F | 25' 2.3"       | 35' 4.5"  | 84' 5.9" | INF       | INF      | INF       | INF       | INF       | INF      |
| 30'   | N | 16' 6.4"       | 13' 11.9" | 11' 6.3" | 9' 3.2"   | 7' 3.7"  | 5' 8.2"   | 4' 4.6"   | 3' 4.5"   | 2' 7.4"  |
|       | F | 189' 2.6"      | INF       | INF      | INF       | INF      | INF       | INF       | INF       | INF      |
| INF   | N | 35' 5.7"       | 25' 3.1"  | 18' 0.4" | 12' 11.1" | 9' 3.7"  | 6' 9.0"   | 4' 11.4"  | 3' 8.0"   | 2' 9.2"  |
| INF   | F | INF            | INF       | INF      | INF       | INF      | INF       | INF       | INF       | INF      |

Cooke 5/i

25mm

Feet

| Hyperfocal Setting |          |          |          |          |          |         |          |         |
|--------------------|----------|----------|----------|----------|----------|---------|----------|---------|
| T/1.4              | T/2      | T/2.8    | T/4      | T/5.6    | T/8      | T/11    | T/16     | T/22    |
| 62' 10.4"          | 44' 2.0" | 31' 8.4" | 22' 4.2" | 16' 1.4" | 11' 5.3" | 8' 5.6" | 5' 11.9" | 4' 6.0" |

| U<br>Feet | Depth of Field |           |           |           |           |           |            |           |          |
|-----------|----------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|----------|
|           | T/1.4          | T/2       | T/2.8     | T/4       | T/5.6     | T/8       | T/11       | T/16      | T/22     |
| 14"       | N              | 1' 1.9"   | 1' 1.9"   | 1' 1.9"   | 1' 1.8"   | 1' 1.7"   | 10' 1.4"   | 1' 1.5"   | 1' 1.3"  |
|           | F              | 1' 2.1"   | 1' 2.1"   | 1' 1.4"   | 1' 2.2"   | 1' 2.3"   | 1' 2.4"    | 1' 2.6"   | 1' 2.9"  |
| 15"       | N              | 1' 2.9"   | 1' 2.9"   | 1' 2.8"   | 1' 2.7"   | 1' 2.6"   | 10' 3.4"   | 1' 2.3"   | 1' 2.1"  |
|           | F              | 1' 3.1"   | 1' 3.1"   | 1' 2.4"   | 1' 3.3"   | 1' 3.4"   | 1' 3.6"    | 1' 3.8"   | 1' 4.2"  |
| 16"       | N              | 1' 3.9"   | 1' 3.8"   | 1' 3.8"   | 1' 3.7"   | 1' 3.6"   | 10' 4.2"   | 1' 3.2"   | 1' 2.8"  |
|           | F              | 1' 4.1"   | 1' 4.2"   | 1' 3.3"   | 1' 4.3"   | 1' 4.5"   | 1' 4.7"    | 1' 5.0"   | 1' 5.5"  |
| 17"       | N              | 1' 4.9"   | 1' 4.8"   | 1' 4.7"   | 1' 4.6"   | 1' 4.5"   | 10' 4.8"   | 1' 4.0"   | 1' 3.6"  |
|           | F              | 1' 5.1"   | 1' 5.2"   | 1' 4.2"   | 1' 5.4"   | 1' 5.6"   | 1' 5.9"    | 1' 6.3"   | 1' 6.9"  |
| 18"       | N              | 1' 5.8"   | 1' 5.8"   | 1' 5.7"   | 1' 5.5"   | 1' 5.4"   | 10' 5.4"   | 1' 4.8"   | 1' 3.8"  |
|           | F              | 1' 6.2"   | 1' 6.2"   | 1' 5.2"   | 1' 6.5"   | 1' 6.7"   | 1' 7.0"    | 1' 7.5"   | 1' 8.3"  |
| 19"       | N              | 1' 6.8"   | 1' 6.7"   | 1' 6.6"   | 1' 6.5"   | 1' 6.2"   | 10' 6.0"   | 1' 5.6"   | 1' 5.1"  |
|           | F              | 1' 7.2"   | 1' 7.3"   | 1' 6.1"   | 1' 7.6"   | 1' 7.9"   | 1' 8.2"    | 1' 8.8"   | 1' 9.6"  |
| 20"       | N              | 1' 7.8"   | 1' 7.7"   | 1' 7.5"   | 1' 7.4"   | 1' 7.1"   | 10' 6.8"   | 1' 6.4"   | 1' 5.8"  |
|           | F              | 1' 8.2"   | 1' 8.3"   | 1' 7.1"   | 1' 8.7"   | 1' 9.0"   | 1' 9.5"    | 1' 10.2"  | 1' 11.3" |
| 22"       | N              | 1' 9.7"   | 1' 9.6"   | 1' 9.4"   | 1' 9.2"   | 1' 8.9"   | 10' 8.3"   | 1' 7.9"   | 1' 7.2"  |
|           | F              | 1' 10.3"  | 1' 10.4"  | 1' 9.0"   | 1' 10.9"  | 1' 11.3"  | 2' 0.0"    | 2' 0.9"   | 2' 2.5"  |
| 2'        | N              | 1' 11.6"  | 1' 11.5"  | 1' 11.2"  | 1' 11.0"  | 1' 10.6"  | 10' 9.9"   | 1' 9.3"   | 1' 8.5"  |
|           | F              | 2' 0.4"   | 2' 0.6"   | 1' 11.0"  | 2' 1.2"   | 2' 1.7"   | 2' 2.5"    | 2' 3.8"   | 2' 5.9"  |
| 2' 3"     | N              | 2' 2.5"   | 2' 2.3"   | 2' 2.0"   | 2' 1.6"   | 2' 1.1"   | 11' 0.0"   | 1' 11.4"  | 1' 10.3" |
|           | F              | 2' 3.6"   | 2' 3.8"   | 2' 2.0"   | 2' 4.6"   | 2' 5.4"   | 2' 6.6"    | 2' 8.4"   | 2' 11.7" |
| 2' 6"     | N              | 2' 5.3"   | 2' 5.0"   | 2' 4.7"   | 2' 4.2"   | 2' 3.5"   | 11' 1.7"   | 2' 1.4"   | 2' 0.0"  |
|           | F              | 2' 6.7"   | 2' 7.0"   | 2' 5.0"   | 2' 8.2"   | 2' 9.2"   | 2' 10.8"   | 3' 1.4"   | 3' 6.1"  |
| 2' 9"     | N              | 2' 8.1"   | 2' 7.8"   | 2' 7.3"   | 2' 6.7"   | 2' 5.8"   | 11' 3.0"   | 2' 3.3"   | 2' 1.7"  |
|           | F              | 2' 9.9"   | 2' 10.3"  | 2' 8.1"   | 2' 11.8"  | 3' 1.2"   | 3' 3.3"    | 3' 6.8"   | 4' 1.5"  |
| 3'        | N              | 2' 10.9"  | 2' 10.5"  | 2' 9.9"   | 2' 9.2"   | 2' 8.1"   | 11' 4.1"   | 2' 5.2"   | 2' 3.2"  |
|           | F              | 3' 1.2"   | 3' 1.7"   | 2' 11.2"  | 3' 3.5"   | 3' 5.2"   | 3' 8.0"    | 4' 0.7"   | 4' 9.9"  |
| 3' 6"     | N              | 3' 4.5"   | 3' 3.9"   | 3' 3.1"   | 3' 2.0"   | 3' 0.6"   | 11' 5.5"   | 2' 8.6"   | 2' 6.0"  |
|           | F              | 3' 7.7"   | 3' 8.4"   | 3' 5.6"   | 3' 11.2"  | 4' 1.9"   | 4' 6.2"    | 5' 2.2"   | 6' 7.3"  |
| 4'        | N              | 3' 9.9"   | 3' 9.1"   | 3' 8.0"   | 3' 6.6"   | 3' 4.7"   | 11' 6.5"   | 2' 11.7"  | 2' 8.5"  |
|           | F              | 4' 2.3"   | 4' 3.4"   | 4' 0.1"   | 4' 7.3"   | 4' 11.1"  | 5' 5.7"    | 6' 6.5"   | 9' 1.9"  |
| 4' 6"     | N              | 4' 3.3"   | 4' 2.3"   | 4' 0.9"   | 3' 11.1"  | 3' 8.7"   | 11' 7.2"   | 3' 2.5"   | 2' 10.7" |
|           | F              | 4' 9.1"   | 4' 10.4"  | 4' 6.9"   | 5' 3.8"   | 5' 9.2"   | 6' 6.7"    | 8' 2.6"   | 13' 1.2" |
| 5'        | N              | 4' 8.6"   | 4' 7.3"   | 4' 5.6"   | 4' 3.4"   | 4' 0.5"   | 11' 7.6"   | 3' 5.1"   | 3' 0.7"  |
|           | F              | 5' 3.9"   | 5' 5.7"   | 5' 1.9"   | 6' 0.8"   | 6' 8.0"   | 7' 9.6"    | 10' 4.1"  | 20' 0.0" |
| 5' 6"     | N              | 5' 1.8"   | 5' 0.2"   | 4' 10.2"  | 4' 7.5"   | 4' 4.2"   | 11' 8.0"   | 3' 7.5"   | 3' 2.5"  |
|           | F              | 5' 10.9"  | 6' 1.1"   | 5' 9.2"   | 6' 10.2"  | 7' 7.9"   | 9' 2.6"    | 13' 1.5"  | 35' 2.5" |
| 6'        | N              | 5' 7.0"   | 5' 5.1"   | 5' 2.6"   | 4' 11.5"  | 4' 7.6"   | 11' 8.3"   | 3' 9.8"   | 3' 4.2"  |
|           | F              | 6' 6.0"   | 6' 8.8"   | 6' 4.6"   | 7' 8.2"   | 8' 8.8"   | 10' 10.5"  | 16' 11.2" | 96' 5.5" |
| 7'        | N              | 6' 5.0"   | 6' 2.5"   | 5' 11.2"  | 5' 7.1"   | 5' 2.1"   | 11' 8.8"   | 4' 1.8"   | 3' 7.1"  |
|           | F              | 7' 8.5"   | 8' 0.6"   | 7' 8.3"   | 9' 6.0"   | 11' 2.5"  | 15' 1.7"   | 31' 1.3"  | INF      |
| 8'        | N              | 7' 2.9"   | 6' 11.6"  | 6' 7.4"   | 6' 2.2"   | 5' 8.0"   | 11' 9.2"   | 4' 5.3"   | 3' 9.6"  |
|           | F              | 8' 11.5"  | 9' 5.2"   | 9' 1.1"   | 11' 6.5"  | 14' 2.8"  | 21' 5.8"   | 83' 10.7" | INF      |
| 10'       | N              | 8' 9.7"   | 8' 4.8"   | 7' 10.6"  | 7' 3.1"   | 6' 6.5"   | 11' 9.8"   | 4' 11.2"  | 4' 1.6"  |
|           | F              | 11' 7.1"  | 12' 5.1"  | 12' 2.5"  | 16' 6.3"  | 22' 10.9" | 51' 11.8"  | INF       | INF      |
| 12'       |                | 10' 3.5"  | 9' 8.8"   | 9' 0.4"   | 8' 2.5"   | 7' 3.4"   | 11' 10.2"  | 5' 3.8"   | 4' 4.7"  |
|           |                | 14' 5.1"  | 15' 9.1"  | 15' 10.0" | 23' 2.4"  | 38' 7.2"  | 984' 11.5" | INF       | INF      |
| 15'       |                | 12' 4.7"  | 11' 6.8"  | 10' 6.9"  | 9' 5.4"   | 8' 2.7"   | 11' 10.7"  | 5' 9.3"   | 4' 8.1"  |
|           |                | 19' 1.1"  | 21' 6.6"  | 22' 6.4"  | 38' 11.2" | 122' 8.1" | INF        | INF       | INF      |
| 20'       |                | 15' 6.6"  | 14' 3.0"  | 12' 9.1"  | 11' 1.5"  | 9' 5.3"   | 11' 11.3"  | 6' 3.7"   | 5' 0.1"  |
|           |                | 28' 2.4"  | 34' 0.7"  | 39' 1.2"  | 121' 2.5" | INF       | INF        | INF       | INF      |
| 30'       |                | 20' 10.5" | 18' 6.7"  | 16' 0.8"  | 13' 6.2"  | 11' 0.9"  | 12' 0.0"   | 6' 11.5"  | 5' 4.6"  |
|           |                | 53' 11.9" | 81' 2.2"  | 148' 1.7" | INF       | INF       | INF        | INF       | INF      |
| 60'       |                | 31' 8.9"  | 26' 7.3"  | 21' 8.3"  | 17' 2.8"  | 13' 4.8"  | 12' 0.8"   | 7' 9.0"   | 5' 9.9"  |
|           |                | 630' 4.1" | INF       | INF       | INF       | INF       | INF        | INF       | INF      |
| INF       |                | 66' 2.6"  | 46' 11.7" | 33' 4.5"  | 23' 9.1"  | 16' 11.5" | 12' 1.8"   | 8' 9.0"   | 6' 4.1"  |
|           |                | INF       | INF       | INF       | INF       | INF       | INF        | INF       | INF      |

Cooke 5/i

32mm

Feet

| Hyperfocal Setting |           |           |          |          |          |          |          |          |
|--------------------|-----------|-----------|----------|----------|----------|----------|----------|----------|
|                    | T/1.4     | T/2       | T/2.8    | T/4      | T/5.6    | T/8      | T/11     | T/16     |
|                    | 102' 7.2" | 71' 11.6" | 51' 6.5" | 36' 2.7" | 26' 0.2" | 18' 4.3" | 13' 5.8" | 9' 5.1"  |
|                    |           |           |          |          |          |          |          | 6' 11.8" |

| U<br>Feet | Depth of Field |            |           |           |           |           |           |          |           |
|-----------|----------------|------------|-----------|-----------|-----------|-----------|-----------|----------|-----------|
|           | T/1.4          | T/2        | T/2.8     | T/4       | T/5.6     | T/8       | T/11      | T/16     | T/22      |
| 14"       | N              | 1' 1.9"    | 1' 1.9"   | 1' 1.9"   | 1' 1.9"   | 1' 1.8"   | 1' 1.7"   | 1' 1.6"  | 1' 1.5"   |
|           | F              | 1' 2.1"    | 1' 2.1"   | 1' 2.1"   | 1' 2.1"   | 1' 2.2"   | 1' 2.3"   | 1' 2.4"  | 1' 2.6"   |
| 15"       | N              | 1' 2.9"    | 1' 2.9"   | 1' 2.9"   | 1' 2.8"   | 1' 2.7"   | 1' 2.6"   | 1' 2.5"  | 1' 2.3"   |
|           | F              | 1' 3.1"    | 1' 3.1"   | 1' 3.1"   | 1' 3.2"   | 1' 3.3"   | 1' 3.4"   | 1' 3.6"  | 1' 3.8"   |
| 16"       | N              | 1' 3.9"    | 1' 3.9"   | 1' 3.8"   | 1' 3.8"   | 1' 3.7"   | 1' 3.6"   | 1' 3.4"  | 1' 3.2"   |
|           | F              | 1' 4.1"    | 1' 4.1"   | 1' 4.2"   | 1' 4.2"   | 1' 4.3"   | 1' 4.5"   | 1' 4.7"  | 1' 5.0"   |
| 17"       | N              | 1' 4.9"    | 1' 4.9"   | 1' 4.8"   | 1' 4.7"   | 1' 4.6"   | 1' 4.5"   | 1' 4.3"  | 1' 4.0"   |
|           | F              | 1' 5.1"    | 1' 5.1"   | 1' 5.2"   | 1' 5.3"   | 1' 5.4"   | 1' 5.6"   | 1' 5.8"  | 1' 6.2"   |
| 18"       | N              | 1' 5.9"    | 1' 5.8"   | 1' 5.8"   | 1' 5.7"   | 1' 5.6"   | 1' 5.4"   | 1' 5.1"  | 1' 4.8"   |
|           | F              | 1' 6.1"    | 1' 6.2"   | 1' 6.2"   | 1' 6.3"   | 1' 6.5"   | 1' 6.7"   | 1' 7.0"  | 1' 7.5"   |
| 19"       | N              | 1' 6.9"    | 1' 6.8"   | 1' 6.7"   | 1' 6.6"   | 1' 6.5"   | 1' 6.3"   | 1' 6.0"  | 1' 5.6"   |
|           | F              | 1' 7.1"    | 1' 7.2"   | 1' 7.3"   | 1' 7.4"   | 1' 7.6"   | 1' 7.8"   | 1' 8.2"  | 1' 8.7"   |
| 20"       | N              | 1' 7.8"    | 1' 7.8"   | 1' 7.7"   | 1' 7.6"   | 1' 7.4"   | 1' 7.2"   | 1' 6.8"  | 1' 6.4"   |
|           | F              | 1' 8.2"    | 1' 8.2"   | 1' 8.3"   | 1' 8.5"   | 1' 8.7"   | 1' 9.0"   | 1' 9.4"  | 1' 10.0"  |
| 22"       | N              | 1' 9.8"    | 1' 9.7"   | 1' 9.6"   | 1' 9.4"   | 1' 9.2"   | 1' 8.9"   | 1' 8.5"  | 1' 8.0"   |
|           | F              | 1' 10.2"   | 1' 10.3"  | 1' 10.4"  | 1' 10.6"  | 1' 10.9"  | 1' 11.3"  | 1' 11.8" | 2' 0.7"   |
| 2'        | N              | 1' 11.7"   | 1' 11.6"  | 1' 11.5"  | 1' 11.3"  | 1' 11.0"  | 1' 10.6"  | 1' 10.1" | 1' 9.5"   |
|           | F              | 2' 0.3"    | 2' 0.4"   | 2' 0.5"   | 2' 0.8"   | 2' 1.1"   | 2' 1.6"   | 2' 2.3"  | 2' 3.5"   |
| 2' 3"     | N              | 2' 2.7"    | 2' 2.5"   | 2' 2.3"   | 2' 2.0"   | 2' 1.7"   | 2' 1.2"   | 2' 0.5"  | 1' 11.6"  |
|           | F              | 2' 3.4"    | 2' 3.5"   | 2' 3.7"   | 2' 4.0"   | 2' 4.5"   | 2' 5.2"   | 2' 6.3"  | 2' 7.9"   |
| 2' 6"     | N              | 2' 5.5"    | 2' 5.4"   | 2' 5.1"   | 2' 4.8"   | 2' 4.3"   | 2' 3.7"   | 2' 2.8"  | 2' 1.7"   |
|           | F              | 2' 6.5"    | 2' 6.7"   | 2' 7.0"   | 2' 7.4"   | 2' 8.0"   | 2' 8.9"   | 2' 10.3" | 3' 0.6"   |
| 2' 9"     | N              | 2' 8.4"    | 2' 8.2"   | 2' 7.9"   | 2' 7.5"   | 2' 6.9"   | 2' 6.1"   | 2' 5.0"  | 2' 3.7"   |
|           | F              | 2' 9.6"    | 2' 9.8"   | 2' 10.2"  | 2' 10.7"  | 2' 11.5"  | 3' 0.7"   | 3' 2.6"  | 3' 5.7"   |
| 3'        | N              | 2' 11.3"   | 2' 11.0"  | 2' 10.6"  | 2' 10.1"  | 2' 9.4"   | 2' 8.4"   | 2' 7.2"  | 2' 5.6"   |
|           | F              | 3' 0.7"    | 3' 1.0"   | 3' 1.5"   | 3' 2.2"   | 3' 3.2"   | 3' 4.7"   | 3' 7.1"  | 3' 11.1"  |
| 3' 6"     | N              | 3' 5.0"    | 3' 4.6"   | 3' 4.1"   | 3' 3.3"   | 3' 2.3"   | 3' 1.0"   | 2' 11.3" | 2' 9.2"   |
|           | F              | 3' 7.1"    | 3' 7.5"   | 3' 8.2"   | 3' 9.2"   | 3' 10.6"  | 4' 0.9"   | 4' 4.7"  | 4' 11.2"  |
| 4'        | N              | 3' 10.6"   | 3' 10.1"  | 3' 9.4"   | 3' 8.4"   | 3' 7.1"   | 3' 5.3"   | 3' 3.2"  | 3' 0.5"   |
|           | F              | 4' 1.4"    | 4' 2.1"   | 4' 3.0"   | 4' 4.4"   | 4' 6.4"   | 4' 9.7"   | 5' 3.2"  | 6' 1.3"   |
| 4' 6"     | N              | 4' 4.2"    | 4' 3.6"   | 4' 2.6"   | 4' 1.3"   | 3' 11.7"  | 3' 9.5"   | 3' 6.8"  | 3' 3.6"   |
|           | F              | 4' 7.9"    | 4' 8.7"   | 4' 9.9"   | 4' 11.8"  | 5' 2.6"   | 5' 7.1"   | 6' 2.9"  | 7' 6.1"   |
| 5'        | N              | 4' 9.8"    | 4' 8.9"   | 4' 7.8"   | 4' 6.2"   | 4' 4.1"   | 4' 1.5"   | 3' 10.2" | 3' 6.4"   |
|           | F              | 5' 2.4"    | 5' 3.5"   | 5' 5.0"   | 5' 7.4"   | 5' 11.1"  | 6' 5.2"   | 7' 4.0"  | 9' 2.4"   |
| 5' 6"     | N              | 5' 3.3"    | 5' 2.2"   | 5' 0.8"   | 4' 10.9"  | 4' 8.4"   | 4' 5.3"   | 4' 1.5"  | 3' 9.0"   |
|           | F              | 5' 9.0"    | 5' 10.3"  | 6' 0.3"   | 6' 3.3"   | 6' 8.0"   | 7' 4.0"   | 8' 6.6"  | 11' 3.2"  |
| 6'        | N              | 5' 8.7"    | 5' 7.5"   | 5' 5.8"   | 5' 3.5"   | 5' 0.6"   | 4' 9.0"   | 4' 4.6"  | 3' 11.5"  |
|           | F              | 6' 3.6"    | 6' 5.2"   | 6' 7.7"   | 6' 11.4"  | 7' 5.4"   | 8' 3.6"   | 9' 11.1" | 13' 10.5" |
| 7'        | N              | 6' 7.5"    | 6' 5.8"   | 6' 3.5"   | 6' 0.4"   | 5' 8.6"   | 5' 3.9"   | 4' 10.3" | 4' 4.0"   |
|           | F              | 7' 5.1"    | 7' 7.4"   | 7' 10.9"  | 8' 4.4"   | 9' 1.4"   | 10' 5.6"  | 13' 3.5" | 21' 9.9"  |
| 8'        | N              | 7' 6.0"    | 7' 3.8"   | 7' 0.8"   | 6' 9.0"   | 6' 4.1"   | 5' 10.2"  | 5' 3.4"  | 4' 7.9"   |
|           | F              | 8' 6.9"    | 8' 10.0"  | 9' 2.9"   | 9' 10.6"  | 10' 11.6" | 13' 0.2"  | 17' 9.8" | 38' 3.3"  |
| 10'       | N              | 9' 2.6"    | 8' 11.2"  | 8' 6.7"   | 8' 0.9"   | 7' 5.9"   | 6' 9.6"   | 6' 0.3"  | 5' 2.5"   |
|           | F              | 10' 11.2"  | 11' 4.6"  | 12' 0.9"  | 13' 2.8"  | 15' 3.8"  | 19' 9.4"  | 34' 1.2" | INF       |
| 12'       |                | 10' 10.5"  | 10' 5.6"  | 9' 11.4"  | 9' 3.6"   | 8' 6.2"   | 7' 7.5"   | 6' 7.8"  | 5' 7.9"   |
|           |                | 13' 4.8"   | 14' 1.0"  | 15' 2.3"  | 17' 1.1"  | 20' 9.8"  | 30' 3.2"  | 87' 4.4" | INF       |
| 15'       |                | 13' 3.1"   | 12' 7.8"  | 11' 10.6" | 10' 11.5" | 9' 10.5"  | 8' 8.1"   | 7' 5.1"  | 6' 2.3"   |
|           |                | 17' 3.6"   | 18' 5.7"  | 20' 5.5"  | 24' 1.7"  | 32' 5.9"  | 64' 4.9"  | INF      | 5' 0.5"   |
| 20'       |                | 16' 11.7"  | 15' 11.7" | 14' 9.1"  | 13' 4.0"  | 11' 8.8"  | 10' 0.7"  | 8' 4.7"  | 6' 9.9"   |
|           |                | 24' 4.7"   | 26' 10.1" | 31' 3.9"  | 41' 1.1"  | 74' 0.3"  | INF       | INF      | 5' 5.3"   |
| 30'       |                | 23' 7.0"   | 21' 8.1"  | 19' 5.5"  | 17' 0.2"  | 14' 5.6"  | 11' 11.6" | 9' 7.8"  | 7' 7.4"   |
|           |                | 41' 4.1"   | 49' 1.0"  | 66' 10.4" | 138' 0.5" | INF       | INF       | INF      | 5' 10.9"  |
| 60'       |                | 38' 7.7"   | 33' 8.5"  | 28' 6.8"  | 23' 6.3"  | 18' 10.3" | 14' 9.3"  | 11' 4.2" | 8' 7.3"   |
|           |                | 135' 8.1"  | 286' 1.8" | INF       | INF       | INF       | INF       | INF      | 6' 5.6"   |
| INF       |                | 106' 10.0" | 75' 8.3"  | 53' 8.0"  | 38' 1.1"  | 27' 0.9"  | 19' 3.5"  | 13' 9.4" | 9' 10.7"  |
|           |                | INF        | INF       | INF       | INF       | INF       | INF       | INF      | 7' 1.6"   |

Cooke 5/i

40mm

Feet

| Hyperfocal Setting |           |          |          |          |          |           |          |          |
|--------------------|-----------|----------|----------|----------|----------|-----------|----------|----------|
| T/1.4              | T/2       | T/2.8    | T/4      | T/5.6    | T/8      | T/11      | T/16     | T/22     |
| 160' 1.0"          | 112' 2.6" | 80' 3.7" | 56' 4.5" | 40' 5.0" | 28' 5.4" | 20' 10.1" | 14' 5.9" | 10' 8.2" |

| U     | Feet | Depth of Field |           |           |           |           |           |           |          |           |
|-------|------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|
|       |      | T/1.4          | T/2       | T/2.8     | T/4       | T/5.6     | T/8       | T/11      | T/16     | T/22      |
| 16"   | N    | 1' 4.0"        | 1' 3.9"   | 1' 3.9"   | 1' 3.9"   | 1' 3.8"   | 1' 3.7"   | 1' 3.6"   | 1' 3.5"  | 1' 3.3"   |
|       | F    | 1' 4.0"        | 1' 4.1"   | 1' 4.1"   | 1' 4.1"   | 1' 4.2"   | 1' 4.3"   | 1' 4.4"   | 1' 4.6"  | 1' 4.8"   |
| 18"   | N    | 1' 5.9"        | 1' 5.9"   | 1' 5.9"   | 1' 5.8"   | 1' 5.7"   | 1' 5.6"   | 1' 5.5"   | 1' 5.3"  | 1' 5.0"   |
|       | F    | 1' 6.1"        | 1' 6.1"   | 1' 6.1"   | 1' 6.2"   | 1' 6.3"   | 1' 6.4"   | 1' 6.6"   | 1' 6.8"  | 1' 7.2"   |
| 22"   | N    | 1' 9.9"        | 1' 9.8"   | 1' 9.8"   | 1' 9.7"   | 1' 9.5"   | 1' 9.3"   | 1' 9.1"   | 1' 8.7"  | 1' 8.2"   |
|       | F    | 1' 10.1"       | 1' 10.2"  | 1' 10.3"  | 1' 10.4"  | 1' 10.5"  | 1' 10.7"  | 1' 11.1"  | 1' 11.6" | 2' 0.3"   |
| 2'    | N    | 1' 11.8"       | 1' 11.8"  | 1' 11.7"  | 1' 11.6"  | 1' 11.4"  | 1' 11.1"  | 1' 10.8"  | 1' 10.4" | 1' 9.8"   |
|       | F    | 2' 0.2"        | 2' 0.2"   | 2' 0.3"   | 2' 0.5"   | 2' 0.7"   | 2' 1.0"   | 2' 1.4"   | 2' 2.0"  | 2' 3.0"   |
| 2' 3" | N    | 2' 2.8"        | 2' 2.7"   | 2' 2.6"   | 2' 2.4"   | 2' 2.2"   | 2' 1.8"   | 2' 1.4"   | 2' 0.8"  | 1' 12.0"  |
|       | F    | 2' 3.2"        | 2' 3.3"   | 2' 3.4"   | 2' 3.6"   | 2' 3.9"   | 2' 4.3"   | 2' 4.9"   | 2' 5.8"  | 2' 7.2"   |
| 2' 6" | N    | 2' 5.7"        | 2' 5.6"   | 2' 5.4"   | 2' 5.2"   | 2' 4.9"   | 2' 4.5"   | 2' 3.9"   | 2' 3.1"  | 2' 2.1"   |
|       | F    | 2' 6.3"        | 2' 6.4"   | 2' 6.6"   | 2' 6.8"   | 2' 7.2"   | 2' 7.8"   | 2' 8.6"   | 2' 9.8"  | 2' 11.7"  |
| 2' 9" | N    | 2' 8.6"        | 2' 8.5"   | 2' 8.3"   | 2' 8.0"   | 2' 7.6"   | 2' 7.1"   | 2' 6.4"   | 2' 5.4"  | 2' 4.2"   |
|       | F    | 2' 9.4"        | 2' 9.5"   | 2' 9.8"   | 2' 10.1"  | 2' 10.6"  | 2' 11.3"  | 3' 0.3"   | 3' 1.9"  | 3' 4.5"   |
| 3'    | N    | 2' 11.6"       | 2' 11.4"  | 2' 11.1"  | 2' 10.8"  | 2' 10.3"  | 2' 9.6"   | 2' 8.8"   | 2' 7.6"  | 2' 6.2"   |
|       | F    | 3' 0.5"        | 3' 0.7"   | 3' 0.9"   | 3' 1.3"   | 3' 1.9"   | 3' 2.8"   | 3' 4.1"   | 3' 6.2"  | 3' 9.6"   |
| 3' 6" | N    | 3' 5.4"        | 3' 5.1"   | 3' 4.7"   | 3' 4.2"   | 3' 3.6"   | 3' 2.6"   | 3' 1.4"   | 2' 11.9" | 2' 9.9"   |
|       | F    | 3' 6.7"        | 3' 7.0"   | 3' 7.4"   | 3' 8.0"   | 3' 8.8"   | 3' 10.1"  | 4' 0.2"   | 4' 3.4"  | 4' 8.9"   |
| 4'    | N    | 3' 11.1"       | 3' 10.8"  | 3' 10.3"  | 3' 9.6"   | 3' 8.7"   | 3' 7.5"   | 3' 5.9"   | 3' 3.8"  | 3' 1.3"   |
|       | F    | 4' 0.9"        | 4' 1.3"   | 4' 1.9"   | 4' 2.7"   | 4' 3.9"   | 4' 5.8"   | 4' 8.7"   | 5' 1.4"  | 5' 9.9"   |
| 4' 6" | N    | 4' 4.9"        | 4' 4.4"   | 4' 3.8"   | 4' 2.9"   | 4' 1.7"   | 4' 0.2"   | 3' 10.2"  | 3' 7.6"  | 3' 4.5"   |
|       | F    | 4' 7.2"        | 4' 7.7"   | 4' 8.5"   | 4' 9.6"   | 4' 11.2"  | 5' 1.7"   | 5' 5.7"   | 6' 0.4"  | 7' 1.0"   |
| 5'    | N    | 4' 10.6"       | 4' 10.0"  | 4' 9.2"   | 4' 8.1"   | 4' 6.6"   | 4' 4.7"   | 4' 2.3"   | 3' 11.2" | 3' 7.5"   |
|       | F    | 5' 1.5"        | 5' 2.2"   | 5' 3.2"   | 5' 4.6"   | 5' 6.7"   | 5' 10.0"  | 6' 3.3"   | 7' 0.5"  | 8' 6.8"   |
| 5' 6" | N    | 5' 4.2"        | 5' 3.5"   | 5' 2.5"   | 5' 1.2"   | 4' 11.5"  | 4' 9.1"   | 4' 6.2"   | 4' 2.6"  | 3' 10.3"  |
|       | F    | 5' 7.9"        | 5' 8.7"   | 5' 9.9"   | 5' 11.7"  | 6' 2.4"   | 6' 6.6"   | 7' 1.5"   | 8' 2.0"  | 10' 4.1"  |
| 6'    | N    | 5' 9.8"        | 5' 9.0"   | 5' 7.8"   | 5' 6.3"   | 5' 4.2"   | 5' 1.4"   | 4' 10.0"  | 4' 5.8"  | 4' 0.9"   |
|       | F    | 6' 2.3"        | 6' 3.3"   | 6' 4.8"   | 6' 7.0"   | 6' 10.3"  | 7' 3.6"   | 8' 0.5"   | 9' 4.9"  | 12' 6.1"  |
| 7'    | N    | 6' 9.0"        | 6' 7.8"   | 6' 6.2"   | 6' 4.1"   | 6' 1.3"   | 5' 9.6"   | 5' 5.1"   | 4' 11.8" | 4' 5.7"   |
|       | F    | 7' 3.2"        | 7' 4.7"   | 7' 6.8"   | 7' 9.9"   | 8' 2.8"   | 8' 10.8"  | 10' 0.7"  | 12' 4.6" | 18' 7.5"  |
| 8'    | N    | 7' 8.0"        | 7' 6.5"   | 7' 4.4"   | 7' 1.6"   | 6' 10.0"  | 6' 5.4"   | 5' 11.8"  | 5' 5.2"  | 4' 9.9"   |
|       | F    | 8' 4.4"        | 8' 6.3"   | 8' 9.2"   | 9' 1.5"   | 9' 8.4"   | 10' 7.8"  | 12' 4.8"  | 16' 2.8" | 29' 5.2"  |
| 10'   | N    | 9' 5.7"        | 9' 3.3"   | 9' 0.1"   | 8' 7.8"   | 8' 2.4"   | 7' 7.7"   | 6' 11.7"  | 6' 2.7"  | 5' 5.0"   |
|       | F    | 10' 7.1"       | 10' 10.3" | 11' 3.1"  | 11' 10.6" | 12' 10.9" | 14' 8.5"  | 18' 4.7"  | 28' 9.0" | 157' 8.1" |
| 12'   | N    | 11' 2.9"       | 10' 11.4" | 10' 6.9"  | 10' 1.0"  | 9' 5.5"   | 8' 8.5"   | 7' 10.1"  | 6' 10.7" | 5' 10.8"  |
|       | F    | 12' 10.5"      | 13' 3.4"  | 13' 10.8" | 14' 10.6" | 16' 6.7"  | 19' 8.6"  | 27' 1.6"  | 59' 2.5" | INF       |
| 15'   | N    | 13' 9.7"       | 13' 4.5"  | 12' 9.6"  | 12' 0.9"  | 11' 2.2"  | 10' 1.6"  | 8' 11.5"  | 7' 8.6"  | 6' 5.7"   |
|       | F    | 16' 5.1"       | 17' 1.2"  | 18' 1.9"  | 19' 11.0" | 23' 1.1"  | 29' 10.8" | 51' 8.9"  | INF      | INF       |
| 20'   | N    | 17' 10.9"      | 17' 2.0"  | 16' 2.6"  | 15' 0.6"  | 13' 8.0"  | 12' 1.3"  | 10' 5.3"  | 8' 9.2"  | 7' 2.1"   |
|       | F    | 22' 8.0"       | 24' 0.0"  | 26' 2.3"  | 30' 1.0"  | 38' 1.8"  | 61' 9.9"  | 558' 0.8" | INF      | INF       |
| 30'   | N    | 25' 5.4"       | 23' 11.5" | 22' 1.4"  | 19' 11.6" | 17' 6.8"  | 15' 0.4"  | 12' 6.1"  | 10' 1.8" | 8' 0.6"   |
|       | F    | 36' 7.0"       | 40' 3.0"  | 46' 11.3" | 61' 5.4"  | 109' 8.6" | INF       | INF       | INF      | INF       |
| 60'   | N    | 43' 12.0"      | 39' 7.6"  | 34' 9.4"  | 29' 8.0"  | 24' 7.0"  | 19' 9.9"  | 15' 7.3"  | 12' 0.5" | 9' 2.0"   |
|       | F    | 94' 7.9"       | 124' 7.4" | 226' 2.0" | INF       | INF       | INF       | INF       | INF      | INF       |
| INF   | N    | 162' 1.1"      | 114' 9.3" | 81' 3.8"  | 57' 7.9"  | 40' 11.1" | 29' 1.1"  | 20' 8.7"  | 14' 9.8" | 10' 7.6"  |
|       | F    | INF            | INF       | INF       | INF       | INF       | INF       | INF       | INF      | INF       |

Cooke 5/i

50mm

Feet

| Hyperfocal Setting |           |           |          |           |          |          |          |          |
|--------------------|-----------|-----------|----------|-----------|----------|----------|----------|----------|
| T/1.4              | T/2       | T/2.8     | T/4      | T/5.6     | T/8      | T/11     | T/16     | T/22     |
| 249' 9.7"          | 175' 0.2" | 125' 1.9" | 87' 9.2" | 62' 10.0" | 44' 1.6" | 32' 2.8" | 22' 3.9" | 16' 4.5" |

| U     |   | Depth of Field |           |            |           |            |           |           |           |           |
|-------|---|----------------|-----------|------------|-----------|------------|-----------|-----------|-----------|-----------|
|       |   | T/1.4          | T/2       | T/2.8      | T/4       | T/5.6      | T/8       | T/11      | T/16      | T/22      |
| 20"   | N | 1' 7.9"        | 1' 7.9"   | 1' 7.9"    | 1' 7.8"   | 1' 7.8"    | 1' 7.5"   | 1' 7.3"   | 1' 7.1"   |           |
|       | F | 1' 8.1"        | 1' 8.1"   | 1' 8.1"    | 1' 8.2"   | 1' 8.3"    | 1' 8.4"   | 1' 8.5"   | 1' 8.7"   | 1' 9.1"   |
| 22"   | N | 1' 9.9"        | 1' 9.9"   | 1' 9.8"    | 1' 9.8"   | 1' 9.7"    | 1' 9.6"   | 1' 9.4"   | 1' 9.1"   | 1' 8.8"   |
|       | F | 1' 10.1"       | 1' 10.1"  | 1' 10.2"   | 1' 10.2"  | 1' 10.3"   | 1' 10.5"  | 1' 10.7"  | 1' 11.0"  | 1' 11.4"  |
| 2'    | N | 1' 11.9"       | 1' 11.9"  | 1' 11.8"   | 1' 11.7"  | 1' 11.6"   | 1' 11.4"  | 1' 11.2"  | 1' 10.9"  | 1' 10.5"  |
|       | F | 2' 0.1"        | 2' 0.1"   | 2' 0.2"    | 2' 0.3"   | 2' 0.4"    | 2' 0.6"   | 2' 0.9"   | 2' 1.3"   | 2' 1.8"   |
| 2' 3" | N | 2' 2.9"        | 2' 2.8"   | 2' 2.7"    | 2' 2.6"   | 2' 2.4"    | 2' 2.2"   | 2' 1.9"   | 2' 1.5"   | 2' 0.9"   |
|       | F | 2' 3.1"        | 2' 3.2"   | 2' 3.3"    | 2' 3.4"   | 2' 3.6"    | 2' 3.8"   | 2' 4.2"   | 2' 4.7"   | 2' 5.6"   |
| 2' 6" | N | 2' 5.8"        | 2' 5.7"   | 2' 5.6"    | 2' 5.5"   | 2' 5.3"    | 2' 5.0"   | 2' 4.6"   | 2' 4.1"   | 2' 3.3"   |
|       | F | 2' 6.2"        | 2' 6.3"   | 2' 6.4"    | 2' 6.5"   | 2' 6.8"    | 2' 7.1"   | 2' 7.6"   | 2' 8.3"   | 2' 9.4"   |
| 2' 9" | N | 2' 8.8"        | 2' 8.7"   | 2' 8.5"    | 2' 8.3"   | 2' 8.1"    | 2' 7.7"   | 2' 7.2"   | 2' 6.6"   | 2' 5.7"   |
|       | F | 2' 9.2"        | 2' 9.3"   | 2' 9.5"    | 2' 9.7"   | 2' 10.0"   | 2' 10.4"  | 2' 11.0"  | 3' 0.0"   | 3' 1.4"   |
| 3'    | N | 2' 11.7"       | 2' 11.6"  | 2' 11.4"   | 2' 11.2"  | 2' 10.9"   | 2' 10.4"  | 2' 9.8"   | 2' 9.0"   | 2' 7.9"   |
|       | F | 3' 0.3"        | 3' 0.4"   | 3' 0.6"    | 3' 0.9"   | 3' 1.2"    | 3' 1.8"   | 3' 2.5"   | 3' 3.7"   | 3' 5.6"   |
| 3' 3" | N | 3' 2.6"        | 3' 2.5"   | 3' 2.3"    | 3' 2.0"   | 3' 1.6"    | 3' 1.1"   | 3' 0.4"   | 2' 11.4"  | 2' 10.2"  |
|       | F | 3' 3.4"        | 3' 3.5"   | 3' 3.7"    | 3' 4.0"   | 3' 4.5"    | 3' 5.1"   | 3' 6.1"   | 3' 7.6"   | 3' 9.9"   |
| 3' 6" | N | 3' 5.6"        | 3' 5.4"   | 3' 5.2"    | 3' 4.8"   | 3' 4.4"    | 3' 3.8"   | 3' 2.9"   | 3' 1.8"   | 3' 0.3"   |
|       | F | 3' 6.4"        | 3' 6.6"   | 3' 6.9"    | 3' 7.2"   | 3' 7.8"    | 3' 8.6"   | 3' 9.7"   | 3' 11.5"  | 4' 2.4"   |
| 3' 9" | N | 3' 8.5"        | 3' 8.3"   | 3' 8.0"    | 3' 7.6"   | 3' 7.1"    | 3' 6.4"   | 3' 5.4"   | 3' 4.1"   | 3' 2.4"   |
|       | F | 3' 9.5"        | 3' 9.7"   | 3' 10.0"   | 3' 10.5"  | 3' 11.1"   | 4' 0.0"   | 4' 1.4"   | 4' 3.6"   | 4' 7.0"   |
| 4'    | N | 3' 11.4"       | 3' 11.2"  | 3' 10.9"   | 3' 10.4"  | 3' 9.8"    | 3' 9.0"   | 3' 7.8"   | 3' 6.3"   | 3' 4.4"   |
|       | F | 4' 0.6"        | 4' 0.8"   | 4' 1.2"    | 4' 1.7"   | 4' 2.4"    | 4' 3.5"   | 4' 5.2"   | 4' 7.7"   | 4' 11.9"  |
| 4' 6" | N | 4' 5.3"        | 4' 5.0"   | 4' 4.5"    | 4' 4.0"   | 4' 3.2"    | 4' 2.1"   | 4' 0.6"   | 3' 10.7"  | 3' 8.3"   |
|       | F | 4' 6.8"        | 4' 7.1"   | 4' 7.6"    | 4' 8.2"   | 4' 9.2"    | 4' 10.7"  | 5' 0.9"   | 5' 4.4"   | 5' 10.2"  |
| 5'    | N | 4' 11.1"       | 4' 10.7"  | 4' 10.2"   | 4' 9.4"   | 4' 8.4"    | 4' 7.1"   | 4' 5.3"   | 4' 3.0"   | 4' 0.1"   |
|       | F | 5' 1.0"        | 5' 1.4"   | 5' 2.0"    | 5' 2.9"   | 5' 4.1"    | 5' 6.0"   | 5' 8.9"   | 6' 1.6"   | 6' 9.4"   |
| 5' 6" | N | 5' 4.8"        | 5' 4.4"   | 5' 3.7"    | 5' 2.8"   | 5' 1.6"    | 5' 0.0"   | 4' 9.8"   | 4' 7.1"   | 4' 3.6"   |
|       | F | 5' 7.2"        | 5' 7.7"   | 5' 8.5"    | 5' 9.5"   | 5' 11.1"   | 6' 1.5"   | 6' 5.2"   | 6' 11.2"  | 7' 9.7"   |
| 6'    | N | 5' 10.6"       | 5' 10.0"  | 5' 9.3"    | 5' 8.2"   | 5' 6.7"    | 5' 4.8"   | 5' 2.2"   | 4' 11.0"  | 4' 7.0"   |
|       | F | 6' 1.5"        | 6' 2.1"   | 6' 3.0"    | 6' 4.3"   | 6' 6.3"    | 6' 9.2"   | 7' 1.9"   | 7' 9.5"   | 8' 11.1"  |
| 6' 6" | N | 6' 4.3"        | 6' 3.7"   | 6' 2.7"    | 6' 1.5"   | 5' 11.8"   | 5' 9.5"   | 5' 6.5"   | 5' 2.8"   | 4' 10.2"  |
|       | F | 6' 7.7"        | 6' 8.5"   | 6' 9.6"    | 6' 11.2"  | 7' 1.5"    | 7' 5.1"   | 7' 10.8"  | 8' 8.4"   | 10' 2.0"  |
| 7'    | N | 6' 10.0"       | 6' 9.3"   | 6' 8.2"    | 6' 6.7"   | 6' 4.7"    | 6' 2.1"   | 5' 10.7"  | 5' 6.5"   | 5' 1.3"   |
|       | F | 7' 2.1"        | 7' 2.9"   | 7' 4.2"    | 7' 6.1"   | 7' 8.9"    | 8' 1.2"   | 8' 8.1"   | 9' 7.9"   | 11' 6.4"  |
| 8'    | N | 7' 9.4"        | 7' 8.4"   | 7' 7.0"    | 7' 5.0"   | 7' 2.5"    | 6' 11.1"  | 6' 6.8"   | 6' 1.4"   | 5' 7.1"   |
|       | F | 8' 2.7"        | 8' 3.9"   | 8' 5.7"    | 8' 8.2"   | 9' 0.1"    | 9' 6.1"   | 10' 4.0"  | 11' 9.4"  | 14' 9.2"  |
| 9'    | N | 8' 8.7"        | 8' 7.4"   | 8' 5.6"    | 8' 3.2"   | 7' 11.9"   | 7' 7.7"   | 7' 2.4"   | 6' 7.9"   | 6' 0.4"   |
|       | F | 9' 3.5"        | 9' 5.1"   | 9' 7.3"    | 9' 10.7"  | 10' 3.8"   | 10' 11.9" | 12' 1.5"  | 14' 2.5"  | 18' 10.6" |
| 10'   | N | 9' 7.9"        | 9' 6.3"   | 9' 4.0"    | 9' 1.1"   | 8' 9.1"    | 8' 4.0"   | 7' 9.7"   | 7' 2.0"   | 6' 5.3"   |
|       | F | 10' 4.4"       | 10' 6.4"  | 10' 9.3"   | 11' 1.5"  | 11' 8.1"   | 12' 6.7"  | 14' 0.9"  | 17' 0.2"  | 24' 3.6"  |
| 12'   | N | 11' 6.0"       | 11' 3.7"  | 11' 0.5"   | 10' 8.3"  | 10' 2.8"   | 9' 7.8"   | 8' 11.2"  | 8' 1.2"   | 7' 1.9"   |
|       | F | 12' 6.6"       | 12' 9.5"  | 13' 1.8"   | 13' 8.4"  | 14' 6.7"   | 15' 11.8" | 18' 6.9"  | 24' 2.2"  | 42' 8.6"  |
| 15'   | N | 14' 2.6"       | 13' 11.0" | 13' 6.1"   | 12' 11.7" | 12' 3.6"   | 11' 5.4"  | 10' 5.3"  | 9' 3.6"   | 8' 0.8"   |
|       | F | 15' 10.6"      | 16' 3.3"  | 16' 10.5"  | 17' 9.7"  | 19' 3.8"   | 21' 11.5" | 27' 3.4"  | 41' 9.3"  | 176' 5.8" |
| 20'   | N | 18' 7.3"       | 18' 1.0"  | 17' 4.7"   | 16' 6.1"  | 15' 4.9"   | 14' 1.0"  | 12' 6.8"  | 10' 11.0" | 9' 2.8"   |
|       | F | 21' 7.5"       | 22' 4.6"  | 23' 6.7"   | 25' 5.3"  | 28' 8.3"   | 35' 1.0"  | 51' 4.8"  | 153' 6.4" | INF       |
| 30'   | N | 26' 11.0"      | 25' 9.9"  | 24' 5.0"   | 22' 8.2"  | 20' 7.4"   | 18' 3.3"  | 15' 9.2"  | 13' 2.6"  | 10' 9.6"  |
|       | F | 33' 10.7"      | 35' 9.9"  | 38' 11.7"  | 44' 6.3"  | 55' 9.7"   | 87' 3.1"  | 443' 8.5" | INF       | INF       |
| 60'   | N | 48' 8.0"       | 45' 1.7"  | 40' 11.5"  | 36' 2.7"  | 31' 1.8"   | 26' 0.3"  | 21' 1.8"  | 16' 9.0"  | 12' 11.9" |
|       | F | 78' 3.7"       | 89' 8.1"  | 112' 10.8" | 178' 5.1" | 1014' 7.5" | INF       | INF       | INF       | INF       |
| INF   | N | 253' 4.2"      | 179' 3.6" | 126' 11.2" | 89' 10.8" | 63' 8.6"   | 45' 2.5"  | 32' 1.4"  | 22' 10.3" | 16' 3.7"  |
| INF   | F | INF            | INF       | INF        | INF       | INF        | INF       | INF       | INF       | INF       |

Cooke 5/i

65mm

Feet

| Hyperfocal Setting |           |            |           |           |          |          |           |          |
|--------------------|-----------|------------|-----------|-----------|----------|----------|-----------|----------|
| T/1.4              | T/2       | T/2.8      | T/4       | T/5.6     | T/8      | T/11     | T/16      | T/22     |
| 417' 4.8"          | 292' 4.0" | 208' 11.4" | 146' 5.0" | 104' 8.8" | 73' 5.6" | 53' 6.8" | 36' 11.8" | 27' 0.5" |

| U     | Feet | Depth of Field |           |           |           |           |           |            |           |            |
|-------|------|----------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
|       |      | T/1.4          | T/2       | T/2.8     | T/4       | T/5.6     | T/8       | T/11       | T/16      | T/22       |
| 2'    | N    | 1' 11.9"       | 1' 11.9"  | 1' 11.9"  | 1' 11.8"  | 1' 11.7"  | 1' 11.6"  | 1' 11.5"   | 1' 11.3"  | 1' 11.0"   |
|       | F    | 2' 0.1"        | 2' 0.1"   | 2' 0.1"   | 2' 0.2"   | 2' 0.3"   | 2' 0.4"   | 2' 0.5"    | 2' 0.8"   | 2' 1.1"    |
| 2' 3" | N    | 2' 2.9"        | 2' 2.9"   | 2' 2.8"   | 2' 2.8"   | 2' 2.6"   | 2' 2.5"   | 2' 2.3"    | 2' 2.0"   | 2' 1.7"    |
|       | F    | 2' 3.1"        | 2' 3.1"   | 2' 3.2"   | 2' 3.3"   | 2' 3.4"   | 2' 3.5"   | 2' 3.7"    | 2' 4.1"   | 2' 4.5"    |
| 2' 6" | N    | 2' 5.9"        | 2' 5.8"   | 2' 5.8"   | 2' 5.7"   | 2' 5.5"   | 2' 5.4"   | 2' 5.1"    | 2' 4.7"   | 2' 4.3"    |
|       | F    | 2' 6.1"        | 2' 6.2"   | 2' 6.2"   | 2' 6.3"   | 2' 6.5"   | 2' 6.7"   | 2' 7.0"    | 2' 7.4"   | 2' 8.0"    |
| 2' 9" | N    | 2' 8.9"        | 2' 8.8"   | 2' 8.7"   | 2' 8.6"   | 2' 8.4"   | 2' 8.2"   | 2' 7.9"    | 2' 7.4"   | 2' 6.8"    |
|       | F    | 2' 9.1"        | 2' 9.2"   | 2' 9.3"   | 2' 9.4"   | 2' 9.6"   | 2' 9.9"   | 2' 10.2"   | 2' 10.8"  | 2' 11.6"   |
| 3'    | N    | 2' 11.8"       | 2' 11.7"  | 2' 11.6"  | 2' 11.5"  | 2' 11.3"  | 2' 11.0"  | 2' 10.6"   | 2' 10.1"  | 2' 9.3"    |
|       | F    | 3' 0.2"        | 3' 0.3"   | 3' 0.4"   | 3' 0.5"   | 3' 0.7"   | 3' 1.1"   | 3' 1.5"    | 3' 2.2"   | 3' 3.2"    |
| 3' 3" | N    | 3' 2.8"        | 3' 2.7"   | 3' 2.6"   | 3' 2.4"   | 3' 2.1"   | 3' 1.8"   | 3' 1.3"    | 3' 0.7"   | 2' 11.8"   |
|       | F    | 3' 3.2"        | 3' 3.3"   | 3' 3.4"   | 3' 3.6"   | 3' 3.9"   | 3' 4.3"   | 3' 4.9"    | 3' 5.7"   | 3' 7.0"    |
| 3' 6" | N    | 3' 5.7"        | 3' 5.6"   | 3' 5.5"   | 3' 5.3"   | 3' 5.0"   | 3' 4.6"   | 3' 4.0"    | 3' 3.3"   | 3' 2.2"    |
|       | F    | 3' 6.3"        | 3' 6.4"   | 3' 6.5"   | 3' 6.8"   | 3' 7.1"   | 3' 7.5"   | 3' 8.2"    | 3' 9.2"   | 3' 10.8"   |
| 3' 9" | N    | 3' 8.7"        | 3' 8.6"   | 3' 8.4"   | 3' 8.1"   | 3' 7.8"   | 3' 7.3"   | 3' 6.7"    | 3' 5.8"   | 3' 4.6"    |
|       | F    | 3' 9.3"        | 3' 9.4"   | 3' 9.6"   | 3' 9.9"   | 3' 10.3"  | 3' 10.8"  | 3' 11.6"   | 4' 0.8"   | 4' 2.6"    |
| 4'    | N    | 3' 11.6"       | 3' 11.5"  | 3' 11.3"  | 3' 11.0"  | 3' 10.6"  | 3' 10.1"  | 3' 9.3"    | 3' 8.3"   | 3' 7.0"    |
|       | F    | 4' 0.4"        | 4' 0.5"   | 4' 0.7"   | 4' 1.0"   | 4' 1.5"   | 4' 2.1"   | 4' 3.1"    | 4' 4.5"   | 4' 6.6"    |
| 4' 6" | N    | 4' 5.5"        | 4' 5.4"   | 4' 5.1"   | 4' 4.7"   | 4' 4.2"   | 4' 3.5"   | 4' 2.6"    | 4' 1.3"   | 3' 11.6"   |
|       | F    | 4' 6.5"        | 4' 6.7"   | 4' 6.9"   | 4' 7.4"   | 4' 7.9"   | 4' 8.8"   | 4' 10.0"   | 4' 11.9"  | 5' 2.8"    |
| 5'    | N    | 4' 11.4"       | 4' 11.2"  | 4' 10.9"  | 4' 10.4"  | 4' 9.8"   | 4' 8.9"   | 4' 7.7"    | 4' 6.1"   | 4' 4.0"    |
|       | F    | 5' 0.6"        | 5' 0.8"   | 5' 1.2"   | 5' 1.7"   | 5' 2.5"   | 5' 3.5"   | 5' 5.1"    | 5' 7.6"   | 5' 11.4"   |
| 5' 6" | N    | 5' 5.3"        | 5' 5.0"   | 5' 4.6"   | 5' 4.0"   | 5' 3.2"   | 5' 2.2"   | 5' 0.7"    | 4' 10.8"  | 4' 8.3"    |
|       | F    | 5' 6.7"        | 5' 7.0"   | 5' 7.5"   | 5' 8.1"   | 5' 9.0"   | 5' 10.4"  | 6' 0.4"    | 6' 3.5"   | 6' 8.4"    |
| 6'    | N    | 5' 11.1"       | 5' 10.8"  | 5' 10.3"  | 5' 9.6"   | 5' 8.7"   | 5' 7.4"   | 5' 5.7"    | 5' 3.4"   | 5' 0.5"    |
|       | F    | 6' 0.9"        | 6' 1.3"   | 6' 1.8"   | 6' 2.6"   | 6' 3.7"   | 6' 5.4"   | 6' 7.8"    | 6' 11.7"  | 7' 5.8"    |
| 6' 6" | N    | 6' 5.0"        | 6' 4.6"   | 6' 4.0"   | 6' 3.2"   | 6' 2.1"   | 6' 0.6"   | 5' 10.5"   | 5' 7.9"   | 5' 4.5"    |
|       | F    | 6' 7.1"        | 6' 7.5"   | 6' 8.1"   | 6' 9.1"   | 6' 10.4"  | 7' 0.4"   | 7' 3.4"    | 7' 8.1"   | 8' 3.7"    |
| 7'    | N    | 6' 10.8"       | 6' 10.3"  | 6' 9.6"   | 6' 8.7"   | 6' 7.4"   | 6' 5.7"   | 6' 3.3"    | 6' 0.3"   | 5' 8.4"    |
|       | F    | 7' 1.2"        | 7' 1.8"   | 7' 2.5"   | 7' 3.6"   | 7' 5.2"   | 7' 7.6"   | 7' 11.2"   | 8' 4.8"   | 9' 2.1"    |
| 8'    | N    | 7' 10.4"       | 7' 9.8"   | 7' 8.9"   | 7' 7.6"   | 7' 5.9"   | 7' 3.7"   | 7' 0.7"    | 6' 8.8"   | 6' 3.9"    |
|       | F    | 8' 1.7"        | 8' 2.4"   | 8' 3.4"   | 8' 4.8"   | 8' 7.0"   | 8' 10.2"  | 9' 3.2"    | 9' 11.1"  | 11' 0.5"   |
| 9'    | N    | 8' 10.0"       | 8' 9.1"   | 8' 8.0"   | 8' 6.4"   | 8' 4.3"   | 8' 1.4"   | 7' 9.7"    | 7' 4.9"   | 6' 10.9"   |
|       | F    | 9' 2.1"        | 9' 3.0"   | 9' 4.3"   | 9' 6.3"   | 9' 9.1"   | 10' 1.3"  | 10' 7.9"   | 11' 6.7"  | 13' 1.5"   |
| 10'   | N    | 9' 9.5"        | 9' 8.4"   | 9' 7.0"   | 9' 5.1"   | 9' 2.5"   | 8' 11.0"  | 8' 6.4"    | 8' 0.6"   | 7' 5.5"    |
|       | F    | 10' 2.7"       | 10' 3.8"  | 10' 5.4"  | 10' 7.9"  | 10' 11.4" | 11' 4.9"  | 12' 1.5"   | 13' 3.7"  | 15' 5.6"   |
| 12'   | N    | 11' 8.3"       | 11' 6.8"  | 11' 4.8"  | 11' 2.0"  | 10' 10.3" | 10' 5.4"  | 9' 11.1"   | 9' 3.2"   | 8' 5.8"    |
|       | F    | 12' 3.9"       | 12' 5.6"  | 12' 8.1"  | 12' 11.7" | 13' 5.1"  | 14' 1.5"  | 15' 3.1"   | 17' 2.6"  | 21' 1.1"   |
| 15'   | N    | 14' 6.2"       | 14' 3.9"  | 14' 0.7"  | 13' 8.4"  | 13' 2.8"  | 12' 7.4"  | 11' 10.2"  | 10' 10.9" | 9' 9.9"    |
|       | F    | 15' 6.3"       | 15' 9.0"  | 16' 1.0"  | 16' 7.0"  | 17' 4.1"  | 18' 6.6"  | 20' 7.0"   | 24' 4.8"  | 33' 2.1"   |
| 20'   | N    | 19' 1.6"       | 18' 9.5"  | 18' 4.0"  | 17' 8.7"  | 16' 11.2" | 15' 11.1" | 14' 8.4"   | 13' 3.2"  | 11' 8.0"   |
|       | F    | 20' 11.5"      | 21' 4.5"  | 22' 0.1"  | 22' 11.6" | 24' 5.7"  | 27' 0.0"  | 31' 7.5"   | 41' 10.1" | 77' 7.8"   |
| 25'   | N    | 23' 7.7"       | 23' 1.5"  | 22' 5.2"  | 21' 6.2"  | 20' 4.2"  | 18' 10.8" | 17' 2.2"   | 15' 2.8"  | 13' 1.8"   |
|       | F    | 26' 6.3"       | 27' 2.6"  | 28' 3.0"  | 29' 10.4" | 32' 6.0"  | 37' 1.8"  | 46' 7.6"   | 73' 3.2"  | 396' 10.5" |
| 30'   | N    | 28' 0.7"       | 27' 3.9"  | 26' 4.2"  | 25' 1.1"  | 23' 6.1"  | 21' 7.1"  | 19' 4.3"   | 16' 10.9" | 14' 4.4"   |
|       | F    | 32' 2.9"       | 33' 3.2"  | 34' 10.1" | 37' 4.2"  | 41' 7.1"  | 49' 7.1"  | 68' 2.7"   | 146' 8.8" | INF        |
| 40'   | N    | 36' 7.1"       | 35' 4.2"  | 33' 8.7"  | 31' 8.1"  | 29' 2.1"  | 26' 3.0"  | 23' 0.1"   | 19' 7.3"  | 16' 2.9"   |
|       | F    | 44' 1.4"       | 46' 1.0"  | 49' 2.3"  | 54' 4.6"  | 63' 11.5" | 85' 3.1"  | 161' 10.5" | INF       | INF        |
| 60'   | N    | 52' 7.2"       | 50' 0.5"  | 46' 10.0" | 42' 11.3" | 38' 5.3"  | 33' 5.9"  | 28' 4.2"   | 23' 3.9"  | 18' 8.2"   |
|       | F    | 69' 10.2"      | 74' 11.5" | 83' 7.4"  | 99' 11.7" | 138' 4.2" | 303' 9.6" | INF        | INF       | INF        |
| 120'  | N    | 93' 5.8"       | 85' 7.9"  | 76' 7.2"  | 66' 7.8"  | 56' 4.0"  | 46' 2.9"  | 36' 11.1"  | 28' 9.4"  | 21' 11.9"  |
|       | F    | 167' 8.0"      | 200' 9.0" | 278' 7.2" | 618' 2.9" | INF       | INF       | INF        | INF       | INF        |
| INF   | N    | 419' 11.2"     | 297' 1.1" | 210' 2.7" | 148' 9.6" | 105' 4.4" | 74' 7.9"  | 52' 11.3"  | 37' 7.0"  | 26' 8.7"   |
|       | F    | INF            | INF       | INF       | INF       | INF       | INF       | INF        | INF       | INF        |

## Cooke 5/i

75mm

Feet

| Hyperfocal Setting |            |            |           |           |          |          |          |          |
|--------------------|------------|------------|-----------|-----------|----------|----------|----------|----------|
| T/1.4              | T/2        | T/2.8      | T/4       | T/5.6     | T/8      | T/11     | T/16     | T/22     |
| 555' 5.7"          | 388' 11.6" | 277' 11.5" | 194' 8.4" | 139' 2.4" | 97' 6.9" | 71' 1.0" | 49' 0.1" | 35' 9.2" |

| U     | Feet | Depth of Field |           |           |           |           |           |           |           |           |
|-------|------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|       |      | T/1.4          | T/2       | T/2.8     | T/4       | T/5.6     | T/8       | T/11      | T/16      | T/22      |
| 2' 3" | N    | 2' 2.9"        | 2' 2.9"   | 2' 2.9"   | 2' 2.8"   | 2' 2.7"   | 2' 2.6"   | 2' 2.5"   | 2' 2.3"   | 2' 2.0"   |
|       | F    | 2' 3.1"        | 2' 3.1"   | 2' 3.1"   | 2' 3.2"   | 2' 3.3"   | 2' 3.4"   | 2' 3.5"   | 2' 3.8"   | 2' 4.1"   |
| 2' 6" | N    | 2' 5.9"        | 2' 5.9"   | 2' 5.8"   | 2' 5.8"   | 2' 5.7"   | 2' 5.5"   | 2' 5.3"   | 2' 5.1"   | 2' 4.7"   |
|       | F    | 2' 6.1"        | 2' 6.1"   | 2' 6.2"   | 2' 6.2"   | 2' 6.3"   | 2' 6.5"   | 2' 6.7"   | 2' 7.0"   | 2' 7.4"   |
| 2' 9" | N    | 2' 8.9"        | 2' 8.8"   | 2' 8.8"   | 2' 8.7"   | 2' 8.6"   | 2' 8.4"   | 2' 8.2"   | 2' 7.8"   | 2' 7.4"   |
|       | F    | 2' 9.1"        | 2' 9.2"   | 2' 9.2"   | 2' 9.3"   | 2' 9.4"   | 2' 9.6"   | 2' 9.9"   | 2' 10.3"  | 2' 10.8"  |
| 3'    | N    | 2' 11.9"       | 2' 11.8"  | 2' 11.7"  | 2' 11.6"  | 2' 11.5"  | 2' 11.3"  | 2' 11.0"  | 2' 10.6"  | 2' 10.0"  |
|       | F    | 3' 0.1"        | 3' 0.2"   | 3' 0.3"   | 3' 0.4"   | 3' 0.5"   | 3' 0.8"   | 3' 1.1"   | 3' 1.6"   | 3' 2.3"   |
| 3' 3" | N    | 3' 2.8"        | 3' 2.8"   | 3' 2.7"   | 3' 2.5"   | 3' 2.4"   | 3' 2.1"   | 3' 1.8"   | 3' 1.3"   | 3' 0.6"   |
|       | F    | 3' 3.2"        | 3' 3.2"   | 3' 3.3"   | 3' 3.5"   | 3' 3.7"   | 3' 3.9"   | 3' 4.3"   | 3' 4.9"   | 3' 5.8"   |
| 3' 6" | N    | 3' 5.8"        | 3' 5.7"   | 3' 5.6"   | 3' 5.5"   | 3' 5.2"   | 3' 4.9"   | 3' 4.5"   | 3' 3.9"   | 3' 3.2"   |
|       | F    | 3' 6.2"        | 3' 6.3"   | 3' 6.4"   | 3' 6.6"   | 3' 6.8"   | 3' 7.1"   | 3' 7.6"   | 3' 8.3"   | 3' 9.4"   |
| 3' 9" | N    | 3' 8.8"        | 3' 8.7"   | 3' 8.6"   | 3' 8.4"   | 3' 8.1"   | 3' 7.8"   | 3' 7.3"   | 3' 6.6"   | 3' 5.7"   |
|       | F    | 3' 9.2"        | 3' 9.3"   | 3' 9.5"   | 3' 9.7"   | 3' 9.9"   | 3' 10.3"  | 3' 10.9"  | 3' 11.7"  | 4' 1.0"   |
| 4'    | N    | 3' 11.7"       | 3' 11.6"  | 3' 11.5"  | 3' 11.3"  | 3' 11.0"  | 3' 10.6"  | 3' 10.0"  | 3' 9.2"   | 3' 8.2"   |
|       | F    | 4' 0.3"        | 4' 0.4"   | 4' 0.5"   | 4' 0.8"   | 4' 1.1"   | 4' 1.5"   | 4' 2.2"   | 4' 3.2"   | 4' 4.7"   |
| 4' 3" | N    | 4' 2.7"        | 4' 2.6"   | 4' 2.4"   | 4' 2.2"   | 4' 1.8"   | 4' 1.4"   | 4' 0.7"   | 3' 11.8"  | 3' 10.6"  |
|       | F    | 4' 3.3"        | 4' 3.4"   | 4' 3.6"   | 4' 3.9"   | 4' 4.2"   | 4' 4.8"   | 4' 5.6"   | 4' 6.7"   | 4' 8.4"   |
| 4' 6" | N    | 4' 5.7"        | 4' 5.5"   | 4' 5.3"   | 4' 5.0"   | 4' 4.7"   | 4' 4.1"   | 4' 3.4"   | 4' 2.4"   | 4' 1.1"   |
|       | F    | 4' 6.3"        | 4' 6.5"   | 4' 6.7"   | 4' 7.0"   | 4' 7.4"   | 4' 8.0"   | 4' 8.9"   | 4' 10.2"  | 5' 0.2"   |
| 4' 9" | N    | 4' 8.6"        | 4' 8.5"   | 4' 8.2"   | 4' 7.9"   | 4' 7.5"   | 4' 6.9"   | 4' 6.1"   | 4' 4.9"   | 4' 3.5"   |
|       | F    | 4' 9.4"        | 4' 9.6"   | 4' 9.8"   | 4' 10.1"  | 4' 10.6"  | 4' 11.3"  | 5' 0.3"   | 5' 1.8"   | 5' 4.1"   |
| 5     | N    | 4' 11.6"       | 4' 11.4"  | 4' 11.1"  | 4' 10.8"  | 4' 10.3"  | 4' 9.6"   | 4' 8.7"   | 4' 7.5"   | 4' 5.8"   |
|       | F    | 5' 0.4"        | 5' 0.6"   | 5' 0.9"   | 5' 1.3"   | 5' 1.8"   | 5' 2.6"   | 5' 3.7"   | 5' 5.4"   | 5' 8.0"   |
| 5' 6  | N    | 5' 5.5"        | 5' 5.2"   | 5' 4.9"   | 5' 4.5"   | 5' 3.9"   | 5' 3.1"   | 5' 2.0"   | 5' 0.5"   | 4' 10.5"  |
|       | F    | 5' 6.5"        | 5' 6.8"   | 5' 7.1"   | 5' 7.6"   | 5' 8.2"   | 5' 9.2"   | 5' 10.6"  | 6' 0.8"   | 6' 4.0"   |
| 6     | N    | 5' 11.4"       | 5' 11.1"  | 5' 10.7"  | 5' 10.2"  | 5' 9.5"   | 5' 8.5"   | 5' 7.2"   | 5' 5.4"   | 5' 3.0"   |
|       | F    | 6' 0.7"        | 6' 0.9"   | 6' 1.3"   | 6' 1.9"   | 6' 2.7"   | 6' 3.9"   | 6' 5.7"   | 6' 8.3"   | 7' 0.4"   |
| 6' 6  | N    | 6' 5.2"        | 6' 4.9"   | 6' 4.5"   | 6' 3.9"   | 6' 3.0"   | 6' 1.9"   | 6' 0.3"   | 5' 10.2"  | 5' 7.4"   |
|       | F    | 6' 6.8"        | 6' 7.1"   | 6' 7.6"   | 6' 8.3"   | 6' 9.2"   | 6' 10.7"  | 7' 0.8"   | 7' 4.0"   | 7' 9.0"   |
| 7     | N    | 6' 11.1"       | 6' 10.7"  | 6' 10.2"  | 6' 9.5"   | 6' 8.5"   | 6' 7.2"   | 6' 5.3"   | 6' 2.9"   | 5' 11.7"  |
|       | F    | 7' 0.9"        | 7' 1.3"   | 7' 1.9"   | 7' 2.7"   | 7' 3.8"   | 7' 5.5"   | 7' 8.0"   | 7' 11.9"  | 8' 5.9"   |
| 7' 6  | N    | 7' 5.0"        | 7' 4.5"   | 7' 3.9"   | 7' 3.1"   | 7' 2.0"   | 7' 0.4"   | 6' 10.3"  | 6' 7.5"   | 6' 3.9"   |
|       | F    | 7' 7.1"        | 7' 7.5"   | 7' 8.2"   | 7' 9.1"   | 7' 10.4"  | 8' 0.4"   | 8' 3.4"   | 8' 7.9"   | 9' 3.1"   |
| 8     | N    | 7' 10.8"       | 7' 10.3"  | 7' 9.6"   | 7' 8.7"   | 7' 7.4"   | 7' 5.6"   | 7' 3.2"   | 7' 0.1"   | 6' 8.0"   |
|       | F    | 8' 1.2"        | 8' 1.7"   | 8' 2.5"   | 8' 3.6"   | 8' 5.1"   | 8' 7.4"   | 8' 10.9"  | 9' 4.2"   | 10' 0.7"  |
| 8' 6  | N    | 8' 4.6"        | 8' 4.1"   | 8' 3.3"   | 8' 2.2"   | 8' 0.8"   | 7' 10.8"  | 7' 8.1"   | 7' 4.6"   | 7' 0.0"   |
|       | F    | 8' 7.4"        | 8' 8.0"   | 8' 8.8"   | 8' 10.1"  | 8' 11.9"  | 9' 2.5"   | 9' 6.5"   | 10' 0.6"  | 10' 10.6" |
| 9     | N    | 8' 10.5"       | 8' 9.8"   | 8' 9.0"   | 8' 7.8"   | 8' 6.1"   | 8' 3.9"   | 8' 0.9"   | 7' 9.0"   | 7' 4.0"   |
|       | F    | 9' 1.6"        | 9' 2.3"   | 9' 3.2"   | 9' 4.6"   | 9' 6.6"   | 9' 9.6"   | 10' 2.2"  | 10' 9.3"  | 11' 8.9"  |
| 10    | N    | 9' 10.1"       | 9' 9.3"   | 9' 8.2"   | 9' 6.7"   | 9' 4.7"   | 9' 2.0"   | 8' 10.3"  | 8' 5.5"   | 7' 11.5"  |
|       | F    | 10' 2.0"       | 10' 2.8"  | 10' 4.0"  | 10' 5.8"  | 10' 8.3"  | 11' 0.2"  | 11' 6.0"  | 12' 3.2"  | 13' 6.7"  |
| 11    | N    | 10' 9.7"       | 10' 8.7"  | 10' 7.4"  | 10' 5.6"  | 10' 3.2"  | 9' 11.8"  | 9' 7.5"   | 9' 1.8"   | 8' 6.8"   |
|       | F    | 11' 2.4"       | 11' 3.5"  | 11' 4.9"  | 11' 7.1"  | 11' 10.3" | 12' 3.0"  | 12' 10.4" | 13' 10.1" | 15' 6.4"  |
| 12    | N    | 11' 9.2"       | 11' 8.1"  | 11' 6.5"  | 11' 4.4"  | 11' 1.5"  | 10' 9.6"  | 10' 4.4"  | 9' 9.8"   | 9' 1.7"   |
|       | F    | 12' 2.9"       | 12' 4.2"  | 12' 5.9"  | 12' 8.6"  | 13' 0.4"  | 13' 6.3"  | 14' 3.3"  | 15' 6.0"  | 17' 8.0"  |
| 13    | N    | 12' 8.7"       | 12' 7.4"  | 12' 5.6"  | 12' 3.0"  | 11' 11.6" | 11' 7.1"  | 11' 1.1"  | 10' 5.6"  | 9' 8.3"   |
|       | F    | 13' 3.4"       | 13' 4.9"  | 13' 7.1"  | 13' 10.2" | 14' 2.8"  | 14' 9.8"  | 15' 8.8"  | 17' 3.0"  | 19' 11.9" |
| 15    | N    | 14' 7.6"       | 14' 5.8"  | 14' 3.4"  | 14' 0.1"  | 13' 7.6"  | 13' 1.6"  | 12' 6.0"  | 11' 8.4"  | 10' 8.8"  |
|       | F    | 15' 4.7"       | 15' 6.7"  | 15' 9.6"  | 16' 1.8"  | 16' 8.2"  | 17' 6.1"  | 18' 9.8"  | 21' 0.6"  | 25' 4.0"  |
| 17    | N    | 16' 6.3"       | 16' 4.0"  | 16' 0.9"  | 15' 8.7"  | 15' 3.0"  | 14' 7.6"  | 13' 10.0" | 12' 10.2" | 11' 8.2"  |
|       | F    | 17' 6.0"       | 17' 8.7"  | 18' 0.5"  | 18' 6.1"  | 19' 2.6"  | 20' 3.9"  | 22' 1.5"  | 25' 3.7"  | 31' 10.1" |
| 20    | N    | 19' 4.1"       | 19' 1.0"  | 18' 8.7"  | 18' 2.9"  | 17' 7.2"  | 16' 9.3"  | 15' 8.8"  | 14' 5.5"  | 12' 11.9" |
|       | F    | 20' 8.5"       | 21' 0.2"  | 21' 5.6"  | 22' 1.7"  | 23' 2.1"  | 24' 9.8"  | 27' 7.0"  | 32' 9.3"  | 44' 9.3"  |
| 25    | N    | 23' 11.6"      | 23' 6.8"  | 23' 0.2"  | 22' 3.5"  | 21' 4.0"  | 20' 1.4"  | 18' 7.4"  | 16' 10.2" | 14' 10.4" |
|       | F    | 26' 1.5"       | 26' 7.5"  | 27' 4.4"  | 28' 5.8"  | 30' 2.8"  | 33' 1.4"  | 38' 3.5"  | 49' 2.8"  | 82' 11.7" |
| 30    | N    | 28' 6.2"       | 27' 11.3" | 27' 2.1"  | 26' 1.9"  | 24' 10.1" | 23' 2.3"  | 21' 2.6"  | 18' 11.3" | 16' 5.5"  |
|       | F    | 31' 7.8"       | 32' 4.7"  | 33' 5.9"  | 35' 2.4"  | 37' 11.1" | 42' 7.4"  | 51' 8.0"  | 74' 0.1"  | 192' 5.0" |
| 40    | N    | 37' 4.6"       | 36' 4.8"  | 35' 1.1"  | 33' 4.8"  | 31' 3.2"  | 28' 8.2"  | 25' 8.3"  | 22' 4.9"  | 18' 11.9" |
|       | F    | 43' 0.2"       | 44' 4.8"  | 46' 6.3"  | 49' 10.9" | 55' 7.6"  | 66' 5.3"  | 91' 8.5"  | 199' 5.7" | INF       |
| 60    | N    | 54' 3.1"       | 52' 2.3"  | 49' 6.3"  | 46' 2.3"  | 42' 2.2"  | 37' 7.0"  | 32' 6.9"  | 27' 5.1"  | 22' 5.3"  |
|       | F    | 67' 1.4"       | 70' 7.0"  | 76' 1.9"  | 85' 8.9"  | 104' 4.2" | 150' 8.3" | 407' 5.0" | INF       | INF       |
| 120   | N    | 98' 10.8"      | 92' 2.3"  | 84' 1.5"  | 74' 10.5" | 64' 9.7"  | 54' 5.8"  | 44' 5.8"  | 35' 4.2"  | 27' 5.2"  |
|       | F    | 152' 7.4"      | 172' 0.1" | 209' 8.6" | 304' 1.4" | 839' 1.0" | INF       | INF       | INF       | INF       |
| INF   | N    | 557' 9.7"      | 394' 6.7" | 279' 1.5" | 197' 6.0" | 139' 9.4" | 98' 11.7" | 70' 1.4"  | 49' 8.5"  | 35' 3.4"  |
|       | F    | INF            | INF       | INF       | INF       | INF       | INF       | INF       | INF       | INF       |

Cooke 5/i

100mm

Feet

| Hyperfocal Setting |           |           |            |            |           |           |           |           |
|--------------------|-----------|-----------|------------|------------|-----------|-----------|-----------|-----------|
|                    | T/1.4     | T/2       | T/2.8      | T/4        | T/5.6     | T/8       | T/11      | T/16      |
|                    | 987' 2.6" | 691' 2.4" | 493' 10.3" | 345' 10.2" | 247' 2.1" | 173' 2.1" | 126' 0.9" | 86' 10.0" |

| U<br>Feet |   | Depth of Field |           |            |           |           |            |             |           |             |
|-----------|---|----------------|-----------|------------|-----------|-----------|------------|-------------|-----------|-------------|
|           |   | T/1.4          | T/2       | T/2.8      | T/4       | T/5.6     | T/8        | T/11        | T/16      | T/22        |
| 2' 6"     | N | 2' 6.0"        | 2' 5.9"   | 2' 5.9"    | 2' 5.9"   | 2' 5.8"   | 2' 5.7"    | 2' 5.6"     | 2' 5.5"   | 2' 5.3"     |
|           | F | 2' 6.0"        | 2' 6.1"   | 2' 6.1"    | 2' 6.1"   | 2' 6.2"   | 2' 6.3"    | 2' 6.4"     | 2' 6.6"   | 2' 6.8"     |
| 2' 9"     | N | 2' 8.9"        | 2' 8.9"   | 2' 8.9"    | 2' 8.8"   | 2' 8.8"   | 2' 8.7"    | 2' 8.5"     | 2' 8.3"   | 2' 8.1"     |
|           | F | 2' 9.1"        | 2' 9.1"   | 2' 9.1"    | 2' 9.2"   | 2' 9.2"   | 2' 9.4"    | 2' 9.5"     | 2' 9.7"   | 2' 10.0"    |
| 3         | N | 2' 11.9"       | 2' 11.9"  | 2' 11.8"   | 2' 11.8"  | 2' 11.7"  | 2' 11.6"   | 2' 11.4"    | 2' 11.2"  | 2' 10.8"    |
|           | F | 3' 0.1"        | 3' 0.1"   | 3' 0.2"    | 3' 0.2"   | 3' 0.3"   | 3' 0.4"    | 3' 0.6"     | 3' 0.9"   | 3' 1.3"     |
| 3' 3      | N | 3' 2.9"        | 3' 2.9"   | 3' 2.8"    | 3' 2.7"   | 3' 2.6"   | 3' 2.5"    | 3' 2.3"     | 3' 2.0"   | 3' 1.6"     |
|           | F | 3' 3.1"        | 3' 3.1"   | 3' 3.2"    | 3' 3.3"   | 3' 3.4"   | 3' 3.5"    | 3' 3.8"     | 3' 4.1"   | 3' 4.6"     |
| 3' 6      | N | 3' 5.9"        | 3' 5.8"   | 3' 5.8"    | 3' 5.7"   | 3' 5.6"   | 3' 5.4"    | 3' 5.1"     | 3' 4.8"   | 3' 4.3"     |
|           | F | 3' 6.1"        | 3' 6.2"   | 3' 6.2"    | 3' 6.3"   | 3' 6.4"   | 3' 6.6"    | 3' 6.9"     | 3' 7.3"   | 3' 7.9"     |
| 3' 9      | N | 3' 8.9"        | 3' 8.8"   | 3' 8.7"    | 3' 8.6"   | 3' 8.5"   | 3' 8.3"    | 3' 8.0"     | 3' 7.6"   | 3' 7.0"     |
|           | F | 3' 9.1"        | 3' 9.2"   | 3' 9.3"    | 3' 9.4"   | 3' 9.5"   | 3' 9.7"    | 3' 10.1"    | 3' 10.5"  | 3' 11.2"    |
| 4         | N | 3' 11.8"       | 3' 11.8"  | 3' 11.7"   | 3' 11.6"  | 3' 11.4"  | 3' 11.2"   | 3' 10.8"    | 3' 10.4"  | 3' 9.7"     |
|           | F | 4' 0.2"        | 4' 0.2"   | 4' 0.3"    | 4' 0.4"   | 4' 0.6"   | 4' 0.9"    | 4' 1.2"     | 4' 1.8"   | 4' 2.6"     |
| 4' 3      | N | 4' 2.8"        | 4' 2.8"   | 4' 2.7"    | 4' 2.5"   | 4' 2.3"   | 4' 2.0"    | 4' 1.7"     | 4' 1.1"   | 4' 0.4"     |
|           | F | 4' 3.2"        | 4' 3.2"   | 4' 3.3"    | 4' 3.5"   | 4' 3.7"   | 4' 4.0"    | 4' 4.4"     | 4' 5.0"   | 4' 6.0"     |
| 4' 6      | N | 4' 5.8"        | 4' 5.7"   | 4' 5.6"    | 4' 5.4"   | 4' 5.2"   | 4' 4.9"    | 4' 4.5"     | 4' 3.9"   | 4' 3.0"     |
|           | F | 4' 6.2"        | 4' 6.3"   | 4' 6.4"    | 4' 6.6"   | 4' 6.8"   | 4' 7.1"    | 4' 7.6"     | 4' 8.3"   | 4' 9.4"     |
| 4' 9      | N | 4' 8.8"        | 4' 8.7"   | 4' 8.6"    | 4' 8.4"   | 4' 8.1"   | 4' 7.8"    | 4' 7.3"     | 4' 6.6"   | 4' 5.7"     |
|           | F | 4' 9.2"        | 4' 9.3"   | 4' 9.4"    | 4' 9.6"   | 4' 9.9"   | 4' 10.3"   | 4' 10.8"    | 4' 11.7"  | 5' 0.8"     |
| 5         | N | 4' 11.8"       | 4' 11.6"  | 4' 11.5"   | 4' 11.3"  | 4' 11.0"  | 4' 10.6"   | 4' 10.1"    | 4' 9.3"   | 4' 8.3"     |
|           | F | 5' 0.3"        | 5' 0.4"   | 5' 0.5"    | 5' 0.7"   | 5' 1.0"   | 5' 1.5"    | 5' 2.1"     | 5' 3.0"   | 5' 4.3"     |
| 5' 6      | N | 5' 5.7"        | 5' 5.6"   | 5' 5.4"    | 5' 5.1"   | 5' 4.8"   | 5' 4.3"    | 5' 3.6"     | 5' 2.7"   | 5' 1.4"     |
|           | F | 5' 6.3"        | 5' 6.4"   | 5' 6.6"    | 5' 6.9"   | 5' 7.3"   | 5' 7.8"    | 5' 8.6"     | 5' 9.7"   | 5' 11.4"    |
| 6         | N | 5' 11.6"       | 5' 11.5"  | 5' 11.3"   | 5' 11.0"  | 5' 10.5"  | 5' 10.0"   | 5' 9.1"     | 5' 8.0"   | 5' 6.5"     |
|           | F | 6' 0.4"        | 6' 0.5"   | 6' 0.8"    | 6' 1.1"   | 6' 1.5"   | 6' 2.2"    | 6' 3.1"     | 6' 4.5"   | 6' 6.6"     |
| 6' 6      | N | 6' 5.6"        | 6' 5.4"   | 6' 5.1"    | 6' 4.8"   | 6' 4.3"   | 6' 3.6"    | 6' 2.6"     | 6' 1.3"   | 5' 11.5"    |
|           | F | 6' 6.4"        | 6' 6.6"   | 6' 6.9"    | 6' 7.3"   | 6' 7.8"   | 6' 8.6"    | 6' 9.7"     | 6' 11.4"  | 7' 1.9"     |
| 7         | N | 6' 11.5"       | 6' 11.3"  | 6' 11.0"   | 6' 10.6"  | 6' 10.0"  | 6' 9.2"    | 6' 8.0"     | 6' 6.5"   | 6' 4.5"     |
|           | F | 7' 0.5"        | 7' 0.7"   | 7' 1.1"    | 7' 1.5"   | 7' 2.1"   | 7' 3.1"    | 7' 4.4"     | 7' 6.4"   | 7' 9.4"     |
| 7' 6      | N | 7' 5.4"        | 7' 5.2"   | 7' 4.8"    | 7' 4.3"   | 7' 3.6"   | 7' 2.7"    | 7' 1.4"     | 6' 11.7"  | 6' 9.3"     |
|           | F | 7' 6.6"        | 7' 6.9"   | 7' 7.2"    | 7' 7.7"   | 7' 8.5"   | 7' 9.6"    | 7' 11.1"    | 8' 1.5"   | 8' 4.9"     |
| 8         | N | 7' 11.3"       | 7' 11.0"  | 7' 10.6"   | 7' 10.1"  | 7' 9.3"   | 7' 8.2"    | 7' 6.8"     | 7' 4.8"   | 7' 2.1"     |
|           | F | 8' 0.7"        | 8' 1.0"   | 8' 1.4"    | 8' 2.0"   | 8' 2.9"   | 8' 4.1"    | 8' 5.9"     | 8' 8.6"   | 9' 0.7"     |
| 8' 6      | N | 8' 5.2"        | 8' 4.9"   | 8' 4.4"    | 8' 3.8"   | 8' 2.9"   | 8' 1.7"    | 8' 0.1"     | 7' 9.8"   | 7' 6.8"     |
|           | F | 8' 6.8"        | 8' 7.1"   | 8' 7.6"    | 8' 8.3"   | 8' 9.3"   | 8' 10.7"   | 9' 0.8"     | 9' 3.9"   | 9' 8.6"     |
| 9         | N | 8' 11.1"       | 8' 10.8"  | 8' 10.2"   | 8' 9.5"   | 8' 8.6"   | 8' 7.2"    | 8' 5.3"     | 8' 2.8"   | 7' 11.5"    |
|           | F | 9' 0.9"        | 9' 1.3"   | 9' 1.8"    | 9' 2.6"   | 9' 3.7"   | 9' 5.3"    | 9' 7.7"     | 9' 11.2"  | 10' 4.6"    |
| 10        | N | 9' 10.9"       | 9' 10.4"  | 9' 9.8"    | 9' 8.9"   | 9' 7.7"   | 9' 6.0"    | 9' 3.7"     | 9' 0.6"   | 8' 8.6"     |
|           | F | 10' 1.1"       | 10' 1.6"  | 10' 2.3"   | 10' 3.2"  | 10' 4.6"  | 10' 6.7"   | 10' 9.7"    | 11' 2.2"  | 11' 9.1"    |
| 11        | N | 10' 10.7"      | 10' 10.1" | 10' 9.3"   | 10' 8.3"  | 10' 6.8"  | 10' 4.7"   | 10' 2.0"    | 9' 10.3"  | 9' 5.4"     |
|           | F | 11' 1.4"       | 11' 2.0"  | 11' 2.8"   | 11' 4.0"  | 11' 5.7"  | 11' 8.2"   | 11' 11.9"   | 12' 5.5"  | 13' 2.3"    |
| 12        | N | 11' 10.4"      | 11' 9.7"  | 11' 8.8"   | 11' 7.5"  | 11' 5.8"  | 11' 3.3"   | 11' 0.1"    | 10' 7.7"  | 10' 2.0"    |
|           | F | 12' 1.7"       | 12' 2.3"  | 12' 3.3"   | 12' 4.8"  | 12' 6.9"  | 12' 9.9"   | 13' 2.4"    | 13' 9.3"  | 14' 8.2"    |
| 13        | N | 12' 10.1"      | 12' 9.3"  | 12' 8.2"   | 12' 6.7"  | 12' 4.7"  | 12' 1.8"   | 11' 10.0"   | 11' 4.9"  | 10' 10.4"   |
|           | F | 13' 2.0"       | 13' 2.8"  | 13' 4.0"   | 13' 5.7"  | 13' 8.1"  | 13' 11.8"  | 14' 5.2"    | 15' 1.5"  | 16' 2.9"    |
| 15        | N | 14' 9.4"       | 14' 8.4"  | 14' 7.0"   | 14' 5.0"  | 14' 2.2"  | 13' 10.5"  | 13' 5.5"    | 12' 10.9" | 12' 2.5"    |
|           | F | 15' 2.6"       | 15' 3.7"  | 15' 5.3"   | 15' 7.7"  | 15' 11.0" | 16' 4.0"   | 16' 11.6"   | 17' 11.3" | 19' 6.5"    |
| 17        | N | 16' 8.7"       | 16' 7.4"  | 16' 5.5"   | 16' 2.9"  | 15' 11.4" | 15' 6.7"   | 15' 0.3"    | 14' 4.1"  | 13' 5.7"    |
|           | F | 17' 3.4"       | 17' 4.9"  | 17' 7.0"   | 17' 10.0" | 18' 2.4"  | 18' 9.0"   | 19' 7.1"    | 20' 11.0" | 23' 1.8"    |
| 20        | N | 19' 7.4"       | 19' 5.5"  | 19' 3.0"   | 18' 11.4" | 18' 6.6"  | 18' 0.2"   | 17' 3.7"    | 16' 4.7"  | 15' 3.2"    |
|           | F | 20' 4.8"       | 20' 6.8"  | 20' 9.8"   | 21' 2.1"  | 21' 8.4"  | 22' 5.9"   | 23' 8.7"    | 25' 8.6"  | 29' 2.5"    |
| 25        | N | 24' 4.8"       | 24' 1.9"  | 23' 9.9"   | 23' 4.5"  | 22' 9.1"  | 21' 11.3"  | 20' 10.7"   | 19' 6.8"  | 17' 11.6"   |
|           | F | 25' 7.6"       | 25' 10.9" | 26' 3.6"   | 26' 10.5" | 27' 8.9"  | 29' 0.8"   | 31' 2.2"    | 34' 9.1"  | 41' 6.4"    |
| 30        | N | 29' 1.6"       | 28' 9.4"  | 28' 3.8"   | 27' 8.0"  | 26' 9.7"  | 25' 8.2"   | 24' 2.9"    | 22' 5.6"  | 20' 4.4"    |
|           | F | 30' 11.1"      | 31' 3.9"  | 31' 10.8"  | 32' 9.2"  | 34' 0.8"  | 36' 1.3"   | 39' 5.3"    | 45' 4.8"  | 57' 9.4"    |
| 40        | N | 38' 5.5"       | 37' 10.3" | 37' 0.4"   | 35' 11.2" | 34' 5.8"  | 32' 7.5"   | 30' 3.8"    | 27' 6.9"  | 24' 5.4"    |
|           | F | 41' 8.0"       | 42' 4.9"  | 43' 5.9"   | 45' 1.5"  | 47' 7.8"  | 51' 9.2"   | 58' 11.8"   | 73' 6.3"  | 113' 1.2"   |
| 60        | N | 56' 6.9"       | 55' 3.2"  | 53' 6.2"   | 51' 2.8"  | 48' 3.8"  | 44' 8.6"   | 40' 5.6"    | 35' 8.2"  | 30' 7.0"    |
|           | F | 63' 10.5"      | 65' 7.5"  | 68' 3.4"   | 72' 5.2"  | 79' 3.0"  | 91' 5.1"   | 116' 10.7"  | 193' 2.8" | 2656' 10.8" |
| 120       | N | 106' 11.3"     | 102' 4.0" | 96' 5.5"   | 89' 2.6"  | 80' 8.0"  | 71' 0.5"   | 60' 9.7"    | 50' 6.5"  | 40' 10.0"   |
|           | F | 136' 8.5"      | 145' 1.0" | 158' 10.2" | 183' 5.9" | 235' 1.6" | 390' 11.5" | 6418' 10.4" | INF       | INF         |
| INF       | N | 974' 11.7"     | 689' 6.7" | 487' 8.8"  | 345' 0.3" | 244' 1.4" | 172' 9.1"  | 122' 3.7"   | 86' 7.5"  | 61' 4.8"    |
| INF       | F | INF            | INF       | INF        | INF       | INF       | INF        | INF         | INF       | INF         |

Cooke 5/i

135mm

Feet

| Hyperfocal Setting |            |            |            |            |             |            |            |           |
|--------------------|------------|------------|------------|------------|-------------|------------|------------|-----------|
| T/1.4              | T/2        | T/2.8      | T/4        | T/5.6      | T/8         | T/11       | T/16       | T/22      |
| 1767' 2.01"        | 1309' 2.7" | 926' 0.02" | 655' 0.27" | 463' 4.93" | 327' 11.05" | 232' 1.38" | 164' 4.44" | 116' 5.6" |

| U<br>Feet | N | Depth of Field |             |            |            |            |            |             |            |             |
|-----------|---|----------------|-------------|------------|------------|------------|------------|-------------|------------|-------------|
|           |   | T/1.4          | T/2         | T/2.8      | T/4        | T/5.6      | T/8        | T/11        | T/16       | T/22        |
| 4'        | N | 3' 11.92"      | 3' 11.89"   | 3' 11.84"  | 3' 11.78"  | 3' 11.69"  | 3' 11.56"  | 3' 11.38"   | 3' 11.13"  | 3' 10.78"   |
|           | F | 4' 0.08"       | 4' 0.11"    | 4' 0.16"   | 4' 0.22"   | 4' 0.32"   | 4' 0.45"   | 4' 0.64"    | 4' 0.9"    | 4' 1.29"    |
| 4'3"      | N | 4' 2.91"       | 4' 2.87"    | 4' 2.82"   | 4' 2.75"   | 4' 2.64"   | 4' 2.49"   | 4' 2.29"    | 4' 2"      | 4' 1.6"     |
|           | F | 4' 3.09"       | 4' 3.13"    | 4' 3.18"   | 4' 3.26"   | 4' 3.36"   | 4' 3.52"   | 4' 3.73"    | 4' 4.04"   | 4' 4.49"    |
| 4'6"      | N | 4' 5.9"        | 4' 5.85"    | 4' 5.79"   | 4' 5.71"   | 4' 5.59"   | 4' 5.42"   | 4' 5.19"    | 4' 4.86"   | 4' 4.4"     |
|           | F | 4' 6.1"        | 4' 6.15"    | 4' 6.21"   | 4' 6.29"   | 4' 6.42"   | 4' 6.59"   | 4' 6.84"    | 4' 7.19"   | 4' 7.71"    |
| 4'9"      | N | 4' 8.88"       | 4' 8.84"    | 4' 8.77"   | 4' 8.67"   | 4' 8.54"   | 4' 8.35"   | 4' 8.08"    | 4' 7.71"   | 4' 7.19"    |
|           | F | 4' 9.12"       | 4' 9.17"    | 4' 9.23"   | 4' 9.33"   | 4' 9.47"   | 4' 9.67"   | 4' 9.95"    | 4' 10.36"  | 4' 10.94"   |
| 5'        | N | 4' 11.87"      | 4' 11.81"   | 4' 11.74"  | 4' 11.63"  | 4' 11.48"  | 4' 11.27"  | 4' 10.97"   | 4' 10.55"  | 4' 9.97"    |
|           | F | 5' 0.13"       | 5' 0.19"    | 5' 0.26"   | 5' 0.37"   | 5' 0.53"   | 5' 0.75"   | 5' 1.07"    | 5' 1.53"   | 5' 2.18"    |
| 5'6"      | N | 5' 5.84"       | 5' 5.77"    | 5' 5.68"   | 5' 5.54"   | 5' 5.36"   | 5' 5.09"   | 5' 4.72"    | 5' 4.21"   | 5' 3.5"     |
|           | F | 5' 6.16"       | 5' 6.23"    | 5' 6.33"   | 5' 6.46"   | 5' 6.66"   | 5' 6.93"   | 5' 7.33"    | 5' 7.9"    | 5' 8.72"    |
| 6'        | N | 5' 11.8"       | 5' 11.72"   | 5' 11.61"  | 5' 11.45"  | 5' 11.22"  | 5' 10.9"   | 5' 10.46"   | 5' 9.84"   | 5' 8.98"    |
|           | F | 6' 0.2"        | 6' 0.28"    | 6' 0.4"    | 6' 0.56"   | 6' 0.8"    | 6' 1.14"   | 6' 1.62"    | 6' 2.31"   | 6' 3.31"    |
| 6'6"      | N | 6' 5.77"       | 6' 5.67"    | 6' 5.53"   | 6' 5.34"   | 6' 5.07"   | 6' 4.69"   | 6' 4.16"    | 6' 3.43"   | 6' 2.41"    |
|           | F | 6' 6.24"       | 6' 6.33"    | 6' 6.47"   | 6' 6.67"   | 6' 6.95"   | 6' 7.36"   | 6' 7.93"    | 6' 8.76"   | 6' 9.97"    |
| 7'        | N | 6' 11.72"      | 6' 11.61"   | 6' 11.45"  | 6' 11.22"  | 6' 10.91"  | 6' 10.46"  | 6' 9.84"    | 6' 8.98"   | 6' 7.8"     |
|           | F | 7' 0.28"       | 7' 0.39"    | 7' 0.56"   | 7' 0.79"   | 7' 1.12"   | 7' 1.6"    | 7' 2.28"    | 7' 3.26"   | 7' 4.69"    |
| 7'6"      | N | 7' 5.68"       | 7' 5.55"    | 7' 5.36"   | 7' 5.1"    | 7' 4.73"   | 7' 4.22"   | 7' 3.5"     | 7' 2.51"   | 7' 1.14"    |
|           | F | 7' 6.32"       | 7' 6.46"    | 7' 6.65"   | 7' 6.92"   | 7' 7.31"   | 7' 7.86"   | 7' 8.65"    | 7' 9.8"    | 7' 11.47"   |
| 8'        | N | 7' 11.63"      | 7' 11.48"   | 7' 11.27"  | 7' 10.97"  | 7' 10.55"  | 7' 9.96"   | 7' 9.14"    | 7' 8"      | 7' 6.44"    |
|           | F | 8' 0.37"       | 8' 0.53"    | 8' 0.74"   | 8' 1.06"   | 8' 1.5"    | 8' 2.14"   | 8' 3.05"    | 8' 4.38"   | 8' 6.31"    |
| 8'6"      | N | 7' 11.63"      | 7' 11.48"   | 7' 11.27"  | 7' 10.97"  | 7' 10.55"  | 7' 9.96"   | 7' 9.14"    | 7' 8"      | 7' 6.44"    |
|           | F | 8' 0.37"       | 8' 0.53"    | 8' 0.74"   | 8' 1.06"   | 8' 1.5"    | 8' 2.14"   | 8' 3.05"    | 8' 4.38"   | 8' 6.31"    |
| 9'        | N | 8' 11.53"      | 8' 11.33"   | 8' 11.06"  | 8' 10.67"  | 8' 10.13"  | 8' 9.38"   | 8' 8.33"    | 8' 6.89"   | 8' 4.91"    |
|           | F | 9' 0.48"       | 9' 0.68"    | 9' 0.96"   | 9' 1.36"   | 9' 1.94"   | 9' 2.76"   | 9' 3.94"    | 9' 5.67"   | 9' 8.2"     |
| 10'       | N | 9' 11.41"      | 9' 11.17"   | 9' 10.82"  | 9' 10.34"  | 9' 9.67"   | 9' 8.73"   | 9' 7.43"    | 9' 5.64"   | 9' 3.21"    |
|           | F | 10' 0.6"       | 10' 0.85"   | 10' 1.2"   | 10' 1.7"   | 10' 2.43"  | 10' 3.46"  | 10' 4.95"   | 10' 7.13"  | 10' 10.35"  |
| 11'       | N | 10' 11.28"     | 10' 10.98"  | 10' 10.56" | 10' 9.98"  | 10' 9.16"  | 10' 8.02"  | 10' 6.44"   | 10' 4.28"  | 10' 1.34"   |
|           | F | 11' 0.73"      | 11' 1.04"   | 11' 1.47"  | 11' 2.09"  | 11' 2.97"  | 11' 4.24"  | 11' 6.08"   | 11' 8.78"  | 12' 0.77"   |
| 12'       | N | 11' 11.13"     | 11' 10.78"  | 11' 10.28" | 11' 9.58"  | 11' 8.6"   | 11' 7.24"  | 11' 5.36"   | 11' 2.78"  | 10' 11.31"  |
|           | F | 12' 0.88"      | 12' 1.24"   | 12' 1.76"  | 12' 2.51"  | 12' 3.57"  | 12' 5.11"  | 12' 7.33"   | 12' 10.6"  | 13' 3.47"   |
| 13'       | N | 12' 10.98"     | 12' 10.56"  | 12' 9.97"  | 12' 9.14"  | 12' 7.99"  | 12' 6.39"  | 12' 4.18"   | 12' 1.17"  | 11' 9.12"   |
|           | F | 13' 1.04"      | 13' 1.47"   | 13' 2.09"  | 13' 2.97"  | 13' 4.23"  | 13' 6.06"  | 13' 8.71"   | 14' 0.61"  | 14' 6.47"   |
| 15'       | N | 14' 10.62"     | 14' 10.06"  | 14' 9.27"  | 14' 8.16"  | 14' 6.62"  | 14' 4.49"  | 14' 1.56"   | 13' 9.59"  | 13' 4.28"   |
|           | F | 15' 1.4"       | 15' 1.98"   | 15' 2.82"  | 15' 4.01"  | 15' 5.73"  | 15' 8.21"  | 15' 11.83"  | 16' 5.21"  | 17' 1.36"   |
| 17'       | N | 16' 10.22"     | 16' 9.49"   | 16' 8.47"  | 16' 7.05"  | 16' 5.06"  | 16' 2.33"  | 15' 10.59"  | 15' 5.55"  | 14' 10.86"  |
|           | F | 17' 1.81"      | 17' 2.57"   | 17' 3.66"  | 17' 5.21"  | 17' 7.45"  | 17' 10.7"  | 18' 3.47"   | 18' 10.6"  | 19' 9.52"   |
| 20'       | N | 19' 9.52"      | 19' 8.5"    | 19' 7.09"  | 19' 5.11"  | 19' 2.37"  | 18' 10.61" | 18' 5.5"    | 17' 10.65" | 17' 1.67"   |
|           | F | 20' 2.54"      | 20' 3.6"    | 20' 5.13"  | 20' 7.31"  | 20' 10.48" | 21' 3.09"  | 21' 9.93"   | 22' 8.24"  | 24' 0.32"   |
| 25'       | N | 24' 8.09"      | 24' 6.5"    | 24' 4.28"  | 24' 1.2"   | 23' 8.96"  | 23' 3.17"  | 22' 7.37"   | 21' 9.06"  | 20' 7.77"   |
|           | F | 25' 4.01"      | 25' 5.71"   | 25' 8.14"  | 25' 11.64" | 26' 4.73"  | 27' 0.23"  | 27' 11.47"  | 29' 4.76"  | 31' 8.54"   |
| 30'       | N | 29' 6.35"      | 29' 4.06"   | 29' 0.87"  | 28' 8.47"  | 28' 2.42"  | 27' 6.23"  | 26' 7.3"    | 25' 5.03"  | 23' 10.92"  |
|           | F | 30' 5.84"      | 30' 8.31"   | 30' 11.87" | 31' 5.01"  | 32' 0.55"  | 32' 11.73" | 34' 4.72"   | 36' 7.41"  | 40' 3.69"   |
| 40'       | N | 39' 1.92"      | 38' 9.87"   | 38' 4.26"  | 37' 8.56"  | 36' 10.09" | 35' 8.1"   | 34' 1.77"   | 32' 2.38"  | 29' 9.55"   |
|           | F | 40' 10.52"     | 41' 3.02"   | 41' 9.52"  | 42' 7.01"  | 43' 9.07"  | 45' 6.33"  | 48' 3.53"   | 52' 10.07" | 60' 11.52"  |
| 60'       | N | 58' 1.38"      | 57' 4.42"   | 56' 4.15"  | 54' 11.51" | 53' 1.34"  | 50' 8.43"  | 47' 7.77"   | 43' 10.9"  | 39' 6.32"   |
|           | F | 62' 0.14"      | 62' 10.62"  | 64' 1.96"  | 66' 0.76"  | 68' 11.41" | 73' 5.95"  | 81' 0.66"   | 94' 10.36" | 125' 0.15"  |
| 120'      | N | 112' 7.6"      | 109' 10.09" | 106' 1.45" | 101' 3.25" | 95' 1.49"  | 87' 7.29"  | 78' 9.65"   | 69' 0.07"  | 58' 8.34"   |
|           | F | 128' 4.8"      | 132' 2.81"  | 138' 0.8"  | 147' 3.03" | 162' 6.61" | 190' 6.71" | 251' 11.95" | 463' 5.44" | INF         |
| INF       | N | 1820' 0.29"    | 1287' 0.22" | 910' 1.5"  | 643' 7.47" | 455' 2.11" | 321' 11.1" | 227' 8.42"  | 161' 0.91" | 113' 11.57" |
| INF       | F | INF            | INF         | INF        | INF        | INF        | INF        | INF         | INF        | INF         |