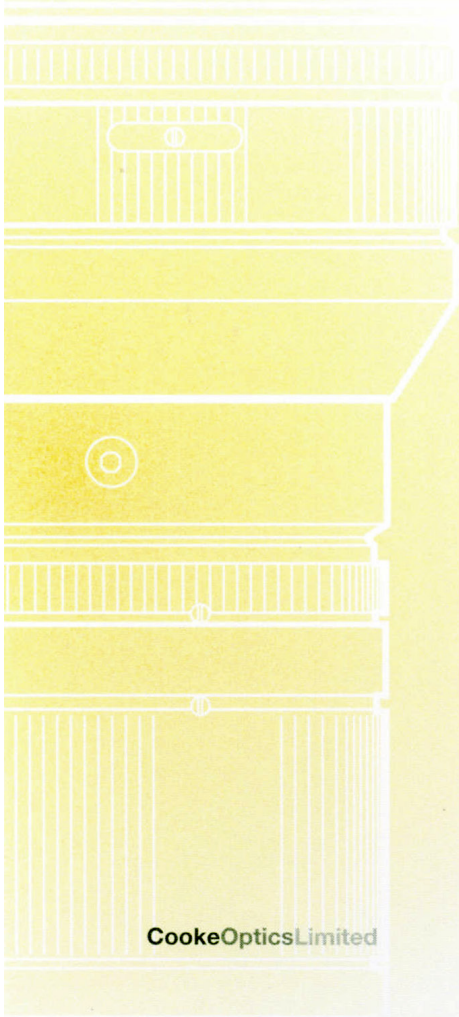




# Cooke Lenses Depth of Field Tables



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# Cooke Lenses

## Depth of Field Tables

	<u>Feet</u>	<u>Metric</u>		<u>Feet</u>	<u>Metric</u>
<b>5/i Table Instructions</b>	<b>3</b>	<b>3</b>	<b>S4 Table Instructions</b>	<b>22</b>	<b>22</b>
18mm S4/i	4	13	12mm S4/i	23	43
25mm S4/i	5	14	14mm S4/i	24	44
32mm S4/i	6	15	16mm S4/i	25	45
40mm S4/i	7	16	18mm S4/i	26	46
50mm S4/i	8	17	21mm S4/i	27	47
65mm S4/i	9	18	25mm S4/i	28	48
75mm S4/i	10	19	27mm S4/i	29	49
100mm S4/i	11	20	32mm S4/i	30	50
135mm S4/i	12	21	35mm S4/i	31	51

40mm S4/i	32	52
50mm S4/i	33	53
65mm S4/i	34	54
75mm S4/i	35	55
100mm S4/i	36	56
135mm S4/i	37	57
150mm S4/i	38	58
180mm S4/i	40	60
300mm S4/i	42	62

	<u>Feet</u>	<u>Metric</u>
<b>Zoom Table 35mm Instructions</b>	<b>63</b>	<b>63</b>
15/40 T2 CXX - S4/i Zoom	64	72
18/100 Zoom	80	88
25/250 Mk-III Zoom	96	106
<b>SK4 (16mm) Table Instructions</b>	<b>116</b>	<b>116</b>
6mm SK4	117	120
9.5mm SK4	118	121
12mm SK4	119	122
<b>Zoom Table 16mm Instructions</b>	<b>123</b>	<b>123</b>
9/50 CVK 16mm Zoom	124	125
10.4/52 CVK S-16mm Zoom	126	127

## COOKE 5/i 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/i 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	T/22
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 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' 1.8"	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"
	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	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"	1' 1.0"
	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"	1' 3.4"
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"	1' 1.7"
	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"	1' 4.8"
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"	1' 2.5"
	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"	1' 6.3"
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"	1' 3.1"
	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"	1' 7.9"
18"	N	1' 5.8"	1' 5.8"	1' 5.7"	1' 5.5"	1' 5.4"	10' 5.4"	1' 4.8"	1' 4.4"	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"	1' 9.6"
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"	1' 4.4"
	F	1' 7.2"	1' 7.3"	1' 6.1"	1' 7.6"	1' 7.9"	1' 8.2"	1' 8.8"	1' 9.8"	1' 11.3"
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"	1' 5.1"
	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"	2' 1.2"
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"	1' 6.3"
	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' 5.2"
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"	1' 7.4"
	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' 9.8"
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"	1' 8.9"
	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"	3' 5.8"
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"	1' 10.4"
	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"	4' 3.8"
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"	1' 11.7"
	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"	5' 4.3"
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"	2' 0.9"
	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"	6' 8.8"
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"	2' 3.1"
	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"	11' 3.4"
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"	2' 5.0"
	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"	23' 0.7"
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"	2' 6.6"
	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"	125' 0.8"
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"	2' 8.1"
	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"	INF
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"	2' 9.4"
	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"	INF
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"	2' 10.6"
	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"	INF
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"	3' 0.6"
	F	7' 8.5"	8' 0.6"	7' 8.3"	9' 6.0"	11' 2.5"	15' 1.7"	31' 1.3"	INF	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"	3' 2.2"
	F	8' 11.5"	9' 5.2"	9' 1.1"	11' 6.5"	14' 2.8"	21' 5.8"	83' 10.7"	INF	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"	3' 4.8"
	F	11' 7.1"	12' 5.1"	12' 2.5"	16' 6.3"	22' 10.9"	51' 11.8"	INF	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"	3' 6.7"
		14' 5.1"	15' 9.1"	15' 10.0"	23' 2.4"	38' 7.2"	984' 11.5"	INF	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"	3' 8.8"
		19' 1.1"	21' 6.6"	22' 6.4"	38' 11.2"	122' 8.1"	INF	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"	3' 11.1"
		28' 2.4"	34' 0.7"	39' 1.2"	121' 2.5"	INF	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"	4' 1.7"
		53' 11.9"	81' 2.2"	148' 1.7"	INF	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"	4' 4.5"
		630' 4.1"	INF	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"	4' 7.7"
		INF	INF	INF	INF	INF	INF	INF	INF	INF

Hyperfocal Setting								
T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
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	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"	1' 1.3"
	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"	1' 2.9"
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"	1' 2.1"
	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"	1' 4.2"
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"	1' 2.9"
	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"	1' 5.5"
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"	1' 3.6"
	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"	1' 6.8"
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"	1' 4.4"
	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"	1' 8.2"
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"	1' 5.1"
	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"	1' 9.6"
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"	1' 5.9"
	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"	1' 11.1"
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"	1' 7.3"
	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' 2.1"
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"	1' 8.6"
	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' 5.4"
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"	1' 10.6"
	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' 10.7"
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"	2' 0.4"
	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"	3' 4.6"
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"	2' 2.1"
	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' 11.1"
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"	2' 3.7"
	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"	4' 6.5"
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"	2' 6.7"
	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"	6' 0.2"
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"	2' 9.4"
	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"	7' 11.7"
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"	2' 11.8"
	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"	10' 8.1"
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"	3' 2.1"
	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"	14' 7.9"
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"	3' 4.1"
	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"	21' 1.2"
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"	3' 6.0"
	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"	33' 3.9"
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"	3' 9.3"
	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"	376' 8.5"
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"	4' 0.1"
	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"	INF
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"	4' 4.8"
	F	10' 11.2"	11' 4.6"	12' 0.9"	13' 2.8"	15' 3.8"	19' 9.4"	34' 1.2"	INF	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"	4' 8.4"
		13' 4.8"	14' 1.0"	15' 2.3"	17' 1.1"	20' 9.8"	30' 3.2"	87' 4.4"	INF	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"	5' 0.5"
		17' 3.6"	18' 5.7"	20' 5.5"	24' 1.7"	32' 5.9"	64' 4.9"	INF	INF	INF
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"	5' 5.3"
		24' 4.7"	26' 10.1"	31' 3.9"	41' 1.1"	74' 0.3"	INF	INF	INF	INF
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"	5' 10.9"
		41' 4.1"	49' 1.0"	66' 10.4"	138' 0.5"	INF	INF	INF	INF	INF
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"	6' 5.6"
		135' 8.1"	286' 1.8"	INF	INF	INF	INF	INF	INF	INF
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"	7' 1.6"
		INF	INF	INF	INF	INF	INF	INF	INF	INF

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 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
20"	N	1' 7.9"	1' 7.9"	1' 7.9"	1' 7.8"	1' 7.8"	1' 7.7"	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"
	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	T/22
987' 2.6"	691' 2.4"	493' 10.3"	345' 10.2"	247' 2.1"	173' 2.1"	126' 0.9"	86' 10.0"	63' 3.4"

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' 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"
	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 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
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"
	F	INF	INF	INF	INF	INF	INF	INF	INF	INF

Cooke 5/i

18mm

Metres

Hyperfocal Setting								
T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
10.030	7.070	5.100	3.620	2.640	1.900	1.430	1.040	0.800

U Metres		Depth of Field								
		T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.35	N	0.347	0.346	0.344	0.342	0.339	0.335	0.329	0.322	0.313
	F	0.353	0.354	0.356	0.359	0.363	0.369	0.377	0.392	0.415
0.4	N	0.395	0.393	0.391	0.387	0.382	0.376	0.367	0.356	0.343
	F	0.405	0.407	0.410	0.415	0.421	0.431	0.447	0.473	0.519
0.45	N	0.443	0.440	0.436	0.431	0.424	0.415	0.402	0.387	0.369
	F	0.457	0.461	0.465	0.472	0.482	0.498	0.523	0.567	0.651
0.5	N	0.490	0.486	0.481	0.474	0.464	0.452	0.436	0.416	0.393
	F	0.510	0.515	0.521	0.531	0.546	0.569	0.607	0.676	0.822
0.6	N	0.584	0.577	0.568	0.557	0.541	0.521	0.497	0.467	0.434
	F	0.618	0.626	0.637	0.655	0.682	0.726	0.803	0.959	1.383
0.7	N	0.675	0.666	0.653	0.635	0.613	0.585	0.551	0.512	0.468
	F	0.727	0.740	0.758	0.786	0.830	0.906	1.048	1.380	2.792
0.8	N	0.765	0.752	0.734	0.711	0.681	0.644	0.600	0.550	0.497
	F	0.839	0.857	0.884	0.926	0.994	1.115	1.363	2.075	12.815
1	N	0.940	0.918	0.889	0.851	0.804	0.748	0.684	0.614	0.543
	F	1.070	1.102	1.152	1.233	1.374	1.652	2.373	7.320	INF
1.2	N	1.110	1.077	1.034	0.980	0.914	0.838	0.754	0.666	0.579
	F	1.310	1.362	1.446	1.586	1.848	2.442	4.742	INF	INF
1.5	N	1.353	1.301	1.235	1.154	1.059	0.952	0.839	0.725	0.619
	F	1.689	1.784	1.941	2.225	2.826	4.710	INF	INF	INF
2	N	1.732	1.643	1.533	1.403	1.257	1.101	0.945	0.796	0.664
	F	2.379	2.586	2.957	3.730	6.034	71.194	INF	INF	INF
3	N	2.407	2.228	2.020	1.788	1.545	1.304	1.080	0.882	0.715
	F	4.024	4.704	6.214	11.608	INF	INF	INF	INF	INF
5	N	3.494	3.114	2.705	2.289	1.890	1.529	1.219	0.964	0.762
	F	9.015	13.667	52.996	INF	INF	INF	INF	INF	INF
10	N	5.282	4.435	3.626	2.896	2.269	1.755	1.348	1.036	0.801
	F	130.376	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	10.812	7.698	5.496	3.938	2.837	2.059	1.508	1.119	0.843
	F	INF	INF	INF	INF	INF	INF	INF	INF	INF

Cooke 5/i

25mm

Metres

Hyperfocal Setting								
T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
19.160	13.460	9.660	6.810	4.910	3.490	2.580	1.830	1.370

U Metres		Depth of Field								
		T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.35	N	0.348	0.348	0.347	0.345	0.343	3.063	0.337	0.332	0.326
	F	0.352	0.352	0.336	0.355	0.357	0.360	0.365	0.372	0.382
0.375	N	0.373	0.372	0.371	0.369	0.366	3.126	0.359	0.353	0.345
	F	0.377	0.378	0.359	0.381	0.384	0.388	0.394	0.404	0.418
0.4	N	0.397	0.396	0.395	0.392	0.389	3.151	0.380	0.372	0.363
	F	0.403	0.404	0.382	0.408	0.412	0.417	0.425	0.436	0.455
0.425	N	0.422	0.420	0.418	0.416	0.412	3.166	0.400	0.391	0.380
	F	0.428	0.430	0.406	0.435	0.439	0.446	0.456	0.470	0.494
0.45	N	0.446	0.444	0.442	0.439	0.434	3.180	0.421	0.410	0.397
	F	0.454	0.456	0.429	0.462	0.467	0.475	0.487	0.505	0.535
0.5	N	0.494	0.492	0.489	0.485	0.479	3.214	0.460	0.446	0.429
	F	0.506	0.508	0.477	0.517	0.524	0.535	0.552	0.579	0.624
0.6	N	0.591	0.587	0.582	0.575	0.565	3.292	0.535	0.514	0.487
	F	0.610	0.614	0.575	0.629	0.642	0.662	0.693	0.744	0.835
0.7	N	0.686	0.680	0.673	0.662	0.648	3.361	0.605	0.575	0.539
	F	0.715	0.721	0.674	0.744	0.765	0.796	0.847	0.935	1.105
0.8	N	0.780	0.773	0.762	0.747	0.728	3.413	0.671	0.631	0.585
	F	0.821	0.830	0.775	0.863	0.893	0.940	1.018	1.159	1.464
0.9	N	0.874	0.863	0.849	0.830	0.805	3.451	0.732	0.683	0.627
	F	0.928	0.941	0.879	0.986	1.027	1.094	1.208	1.428	1.963
1	N	0.966	0.953	0.935	0.911	0.880	3.479	0.790	0.731	0.665
	F	1.037	1.053	0.984	1.112	1.168	1.260	1.422	1.754	2.704
1.1	N	1.058	1.042	1.020	0.990	0.952	3.500	0.845	0.776	0.699
	F	1.146	1.167	1.092	1.243	1.316	1.438	1.662	2.159	3.922
1.2	N	1.149	1.129	1.103	1.067	1.022	3.516	0.896	0.817	0.730
	F	1.257	1.282	1.201	1.378	1.472	1.631	1.936	2.675	6.291
1.4	N	1.328	1.301	1.264	1.216	1.155	3.537	0.991	0.891	0.785
	F	1.482	1.519	1.428	1.662	1.807	2.066	2.613	4.292	135.999
1.5	N	1.416	1.385	1.342	1.287	1.218	3.545	1.034	0.925	0.809
	F	1.596	1.640	1.544	1.812	1.988	2.314	3.039	5.665	INF
1.6	N	1.504	1.467	1.419	1.357	1.279	3.552	1.076	0.956	0.832
	F	1.711	1.763	1.664	1.967	2.180	2.585	3.545	7.872	INF
1.8	N	1.676	1.630	1.570	1.492	1.396	3.563	1.152	1.013	0.872
	F	1.946	2.014	1.910	2.293	2.597	3.212	4.910	22.505	INF
2	N	1.845	1.789	1.715	1.621	1.507	3.572	1.222	1.064	0.907
	F	2.186	2.274	2.167	2.645	3.067	3.988	7.098	INF	INF
2.5	N	2.256	2.169	2.057	1.920	1.756	3.588	1.371	1.170	0.978
	F	2.809	2.963	2.861	3.654	4.551	7.059	36.159	INF	INF
3	N	2.648	2.526	2.373	2.188	1.973	3.600	1.493	1.253	1.032
	F	3.469	3.712	3.641	4.900	6.720	14.524	INF	INF	INF
4	N	3.383	3.181	2.936	2.651	2.335	3.617	1.678	1.374	1.107
	F	4.910	5.428	5.530	8.549	16.648	INF	INF	INF	INF
5	N	4.058	3.768	3.424	3.036	2.623	3.630	1.812	1.459	1.158
	F	6.542	7.513	8.033	15.461	147.266	INF	INF	INF	INF
7	N	5.259	4.773	4.225	3.640	3.052	3.646	1.995	1.569	1.221
	F	10.548	13.392	16.670	203.912	INF	INF	INF	INF	INF
10	N	6.759	5.967	5.124	4.279	3.480	3.661	2.158	1.663	1.274
	F	19.510	32.433	86.478	INF	INF	INF	INF	INF	INF
20	N	10.126	8.423	6.815	5.380	4.160	3.680	2.386	1.788	1.341
	F	2222.984	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	20.182	14.319	10.173	7.242	5.169	3.703	2.666	1.933	1.415
	F	INF	INF	INF	INF	INF	INF	INF	INF	INF

Cooke 5/i

32mm

Metres

Hyperfocal Setting								
T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
32.170	21.940	15.710	11.040	7.930	5.600	4.110	2.870	2.130

U	Metres	Depth of Field								
		T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.35	N	0.349	0.348	0.348	0.347	0.345	0.343	0.341	0.337	0.332
	F	0.351	0.352	0.353	0.354	0.355	0.357	0.360	0.365	0.372
0.375	N	0.373	0.373	0.372	0.371	0.369	0.366	0.363	0.358	0.352
	F	0.377	0.377	0.378	0.380	0.381	0.384	0.388	0.394	0.403
0.4	N	0.398	0.397	0.396	0.395	0.392	0.389	0.385	0.380	0.372
	F	0.402	0.403	0.404	0.406	0.408	0.412	0.417	0.424	0.436
0.425	N	0.423	0.422	0.420	0.418	0.416	0.412	0.407	0.401	0.392
	F	0.427	0.428	0.430	0.432	0.435	0.439	0.445	0.455	0.469
0.45	N	0.447	0.446	0.444	0.442	0.439	0.435	0.429	0.421	0.411
	F	0.453	0.454	0.456	0.458	0.462	0.467	0.474	0.486	0.503
0.5	N	0.496	0.495	0.493	0.490	0.485	0.480	0.472	0.461	0.448
	F	0.504	0.505	0.508	0.511	0.516	0.523	0.534	0.549	0.574
0.6	N	0.594	0.591	0.588	0.583	0.576	0.567	0.555	0.538	0.517
	F	0.606	0.609	0.613	0.619	0.627	0.639	0.657	0.685	0.731
0.7	N	0.691	0.687	0.682	0.675	0.665	0.651	0.634	0.611	0.582
	F	0.710	0.714	0.720	0.728	0.741	0.759	0.787	0.832	0.908
0.8	N	0.787	0.782	0.775	0.765	0.751	0.733	0.709	0.679	0.641
	F	0.813	0.819	0.827	0.839	0.857	0.884	0.926	0.993	1.112
0.9	N	0.883	0.876	0.867	0.854	0.836	0.813	0.782	0.743	0.696
	F	0.918	0.926	0.937	0.953	0.977	1.014	1.072	1.169	1.347
1	N	0.978	0.969	0.957	0.941	0.919	0.889	0.852	0.804	0.747
	F	1.023	1.033	1.047	1.069	1.100	1.149	1.228	1.363	1.623
1.1	N	1.073	1.062	1.047	1.027	1.000	0.964	0.918	0.862	0.795
	F	1.129	1.141	1.160	1.187	1.227	1.290	1.394	1.576	1.950
1.2	N	1.167	1.154	1.136	1.111	1.079	1.036	0.983	0.917	0.840
	F	1.235	1.251	1.273	1.307	1.358	1.438	1.571	1.814	2.346
1.4	N	1.353	1.335	1.310	1.276	1.232	1.175	1.104	1.019	0.921
	F	1.450	1.473	1.505	1.554	1.630	1.751	1.962	2.377	3.444
1.6	N	1.538	1.513	1.480	1.436	1.379	1.306	1.216	1.111	0.993
	F	1.668	1.698	1.743	1.811	1.918	2.095	2.414	3.101	5.316
1.8	N	1.720	1.689	1.647	1.591	1.520	1.430	1.321	1.195	1.057
	F	1.889	1.929	1.988	2.079	2.224	2.472	2.942	4.064	9.218
2	N	1.900	1.861	1.810	1.742	1.655	1.547	1.418	1.272	1.115
	F	2.112	2.163	2.239	2.358	2.550	2.887	3.566	5.410	22.374
2.5	N	2.341	2.281	2.202	2.099	1.970	1.815	1.635	1.439	1.236
	F	2.684	2.769	2.900	3.109	3.464	4.143	5.770	13.413	INF
3	N	2.769	2.684	2.573	2.431	2.257	2.052	1.821	1.577	1.332
	F	3.276	3.406	3.610	3.947	4.553	5.835	9.819	1061.058	INF
4	N	3.591	3.445	3.260	3.030	2.758	2.451	2.122	1.790	1.475
	F	4.520	4.779	5.203	5.954	7.498	11.932	80.408	INF	INF
5	N	4.368	4.152	3.881	3.556	3.182	2.775	2.355	1.949	1.577
	F	5.855	6.304	7.076	8.569	12.259	32.000	INF	INF	INF
7	N	5.804	5.422	4.963	4.435	3.860	3.268	2.694	2.168	1.712
	F	8.838	9.925	12.025	17.207	44.700	INF	INF	INF	INF
10	N	7.703	7.038	6.274	5.445	4.594	3.770	3.019	2.368	1.829
	F	14.305	17.433	25.292	70.586	INF	INF	INF	INF	INF
20	N	12.459	10.785	9.070	7.413	5.902	4.595	3.513	2.652	1.987
	F	51.392	148.698	INF	INF	INF	INF	INF	INF	INF
INF	N	32.564	23.070	16.356	11.609	8.253	5.879	4.201	3.014	2.175
	F	INF	INF	INF	INF	INF	INF	INF	INF	INF

Cooke 5/i

40mm

Metres

Hyperfocal Setting								
T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
48.790	34.200	24.480	17.180	12.320	8.670	6.350	4.420	3.260

U Metres		Depth of Field								
		T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.4	N	0.399	0.398	0.398	0.397	0.396	0.394	0.391	0.388	0.383
	F	0.401	0.402	0.402	0.403	0.405	0.407	0.409	0.413	0.420
0.45	N	0.448	0.448	0.447	0.445	0.443	0.441	0.437	0.432	0.426
	F	0.452	0.452	0.453	0.455	0.457	0.460	0.464	0.470	0.479
0.5	N	0.498	0.497	0.495	0.494	0.491	0.487	0.483	0.476	0.467
	F	0.502	0.503	0.505	0.507	0.509	0.514	0.520	0.528	0.542
0.6	N	0.596	0.595	0.592	0.589	0.585	0.579	0.571	0.560	0.546
	F	0.604	0.606	0.608	0.611	0.616	0.623	0.634	0.649	0.673
0.7	N	0.694	0.692	0.688	0.684	0.677	0.669	0.657	0.641	0.620
	F	0.706	0.708	0.712	0.717	0.725	0.736	0.752	0.776	0.814
0.8	N	0.792	0.788	0.784	0.777	0.768	0.756	0.740	0.718	0.690
	F	0.808	0.812	0.817	0.824	0.835	0.851	0.874	0.910	0.968
0.9	N	0.889	0.885	0.878	0.870	0.858	0.842	0.821	0.793	0.757
	F	0.911	0.916	0.923	0.933	0.947	0.969	1.001	1.051	1.134
1	N	0.986	0.980	0.972	0.961	0.946	0.926	0.899	0.864	0.820
	F	1.015	1.021	1.030	1.043	1.061	1.090	1.133	1.201	1.315
1.1	N	1.082	1.075	1.065	1.052	1.033	1.008	0.976	0.933	0.880
	F	1.118	1.126	1.137	1.154	1.178	1.214	1.269	1.359	1.514
1.2	N	1.179	1.170	1.158	1.141	1.119	1.089	1.050	1.000	0.938
	F	1.222	1.232	1.246	1.266	1.296	1.341	1.411	1.527	1.731
1.4	N	1.370	1.357	1.341	1.318	1.287	1.245	1.192	1.125	1.044
	F	1.432	1.446	1.466	1.495	1.539	1.606	1.713	1.895	2.238
1.6	N	1.559	1.543	1.520	1.490	1.449	1.396	1.327	1.242	1.141
	F	1.643	1.662	1.689	1.730	1.791	1.886	2.040	2.313	2.869
1.8	N	1.747	1.726	1.698	1.659	1.607	1.540	1.455	1.351	1.230
	F	1.857	1.881	1.917	1.971	2.052	2.181	2.396	2.793	3.677
2	N	1.934	1.908	1.872	1.824	1.761	1.679	1.577	1.453	1.312
	F	2.071	2.103	2.149	2.218	2.324	2.494	2.786	3.350	4.746
2.5	N	2.394	2.353	2.297	2.223	2.126	2.004	1.856	1.682	1.490
	F	2.617	2.669	2.746	2.864	3.050	3.361	3.937	5.228	9.969
3	N	2.845	2.786	2.706	2.602	2.468	2.301	2.103	1.879	1.637
	F	3.174	3.252	3.371	3.554	3.852	4.377	5.437	8.350	37.575
4	N	3.722	3.618	3.482	3.306	3.087	2.825	2.525	2.200	1.869
	F	4.325	4.476	4.710	5.087	5.742	7.035	10.383	33.032	INF
5	N	4.567	4.409	4.205	3.947	3.634	3.271	2.870	2.452	2.042
	F	5.528	5.782	6.185	6.865	8.139	11.070	22.875	INF	INF
7	N	6.166	5.877	5.513	5.071	4.557	3.990	3.400	2.821	2.284
	F	8.104	8.673	9.632	11.429	15.561	32.152	INF	INF	INF
10	N	8.361	7.832	7.190	6.447	5.629	4.779	3.947	3.179	2.506
	F	12.458	13.877	16.554	22.800	49.266	INF	INF	INF	INF
20	N	14.302	12.799	11.147	9.433	7.758	6.211	4.859	3.731	2.826
	F	33.390	46.286	102.403	INF	INF	INF	INF	INF	INF
INF	N	49.407	34.983	24.785	17.573	12.474	8.868	6.318	4.515	3.240
	F	INF	INF	INF	INF	INF	INF	INF	INF	INF

Cooke 5/l

50mm

Metres

Hyperfocal Setting								
T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
76.140	53.350	38.150	26.750	19.150	13.450	9.830	6.800	4.990

U	Metres	Depth of Field								
		T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.5	N	0.499	0.498	0.497	0.496	0.494	0.492	0.488	0.484	0.478
	F	0.502	0.502	0.503	0.504	0.506	0.509	0.512	0.518	0.526
0.55	N	0.548	0.547	0.546	0.544	0.542	0.539	0.535	0.529	0.521
	F	0.552	0.553	0.554	0.556	0.558	0.562	0.566	0.574	0.584
0.6	N	0.597	0.596	0.595	0.593	0.590	0.586	0.581	0.573	0.563
	F	0.603	0.604	0.605	0.607	0.610	0.615	0.621	0.631	0.644
0.65	N	0.647	0.646	0.644	0.641	0.638	0.633	0.626	0.617	0.604
	F	0.653	0.654	0.656	0.659	0.663	0.668	0.676	0.688	0.706
0.7	N	0.696	0.695	0.692	0.689	0.685	0.679	0.671	0.660	0.645
	F	0.704	0.705	0.708	0.711	0.716	0.722	0.732	0.747	0.769
0.8	N	0.795	0.793	0.789	0.785	0.779	0.771	0.760	0.745	0.724
	F	0.805	0.808	0.811	0.816	0.822	0.832	0.846	0.867	0.899
0.9	N	0.893	0.890	0.886	0.880	0.872	0.862	0.847	0.827	0.801
	F	0.907	0.910	0.915	0.921	0.930	0.943	0.962	0.991	1.036
1	N	0.991	0.987	0.982	0.975	0.965	0.951	0.932	0.907	0.874
	F	1.009	1.013	1.019	1.027	1.039	1.056	1.081	1.119	1.179
1.1	N	1.089	1.084	1.077	1.068	1.056	1.039	1.016	0.985	0.945
	F	1.112	1.117	1.124	1.134	1.149	1.170	1.203	1.252	1.330
1.2	N	1.186	1.180	1.172	1.161	1.146	1.126	1.098	1.061	1.014
	F	1.214	1.220	1.229	1.242	1.260	1.287	1.327	1.389	1.489
1.3	N	1.283	1.276	1.267	1.254	1.236	1.211	1.178	1.135	1.080
	F	1.317	1.325	1.335	1.350	1.372	1.405	1.454	1.531	1.657
1.4	N	1.380	1.372	1.361	1.346	1.324	1.296	1.258	1.208	1.144
	F	1.420	1.429	1.442	1.460	1.486	1.525	1.585	1.678	1.834
1.6	N	1.573	1.563	1.548	1.527	1.499	1.461	1.412	1.347	1.267
	F	1.628	1.639	1.656	1.681	1.717	1.771	1.855	1.989	2.220
1.8	N	1.766	1.752	1.733	1.706	1.671	1.623	1.560	1.480	1.381
	F	1.836	1.851	1.873	1.906	1.954	2.026	2.139	2.324	2.654
2	N	1.957	1.940	1.916	1.883	1.839	1.780	1.703	1.607	1.489
	F	2.045	2.065	2.093	2.134	2.195	2.289	2.437	2.686	3.147
2.2	N	2.147	2.126	2.097	2.057	2.004	1.933	1.842	1.728	1.590
	F	2.256	2.280	2.315	2.366	2.443	2.561	2.752	3.078	3.711
2.5	N	2.431	2.403	2.365	2.314	2.245	2.156	2.041	1.899	1.732
	F	2.574	2.606	2.652	2.721	2.825	2.988	3.255	3.732	4.728
3	N	2.899	2.859	2.804	2.731	2.634	2.508	2.351	2.162	1.943
	F	3.109	3.157	3.227	3.332	3.493	3.752	4.193	5.043	7.113
3.5	N	3.361	3.306	3.233	3.134	3.005	2.840	2.638	2.398	2.129
	F	3.652	3.719	3.818	3.968	4.203	4.589	5.281	6.732	11.122
4	N	3.817	3.746	3.651	3.524	3.360	3.153	2.903	2.612	2.293
	F	4.202	4.292	4.426	4.632	4.959	5.513	6.557	8.991	19.270
5	N	4.713	4.604	4.459	4.268	4.026	3.729	3.378	2.986	2.570
	F	5.325	5.473	5.697	6.048	6.629	7.676	9.908	16.960	INF
7	N	6.441	6.236	5.967	5.625	5.205	4.710	4.156	3.569	2.982
	F	7.668	7.984	8.479	9.298	10.774	13.918	23.830	INF	INF
10	N	8.885	8.493	7.996	7.386	6.670	5.869	5.023	4.181	3.389
	F	11.442	12.172	13.380	15.572	20.294	35.681	INF	INF	INF
20	N	15.936	14.702	13.253	11.637	9.930	8.232	6.640	5.226	4.031
	F	26.884	31.369	41.080	73.237	INF	INF	INF	INF	INF
INF	N	77.222	54.650	38.689	27.403	19.422	13.779	9.789	6.967	4.972
	F	INF	INF	INF	INF	INF	INF	INF	INF	INF

Cooke 5/i

65mm

Metres

Hyperfocal Setting								
T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
127.220	89.100	63.690	44.630	31.920	22.390	16.330	11.270	8.240

U	Metres	Depth of Field								
		T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.6	N	0.598	0.598	0.597	0.596	0.594	0.591	0.588	0.583	0.576
	F	0.602	0.602	0.603	0.605	0.606	0.609	0.613	0.619	0.627
0.7	N	0.698	0.697	0.695	0.693	0.691	0.687	0.682	0.674	0.664
	F	0.702	0.703	0.705	0.707	0.710	0.714	0.720	0.728	0.741
0.8	N	0.797	0.795	0.793	0.791	0.787	0.782	0.774	0.764	0.751
	F	0.803	0.805	0.807	0.810	0.814	0.820	0.828	0.840	0.859
0.9	N	0.896	0.894	0.891	0.888	0.883	0.876	0.866	0.853	0.835
	F	0.904	0.906	0.909	0.913	0.918	0.926	0.938	0.954	0.979
1	N	0.994	0.992	0.989	0.984	0.978	0.969	0.957	0.940	0.917
	F	1.006	1.008	1.012	1.017	1.024	1.034	1.048	1.070	1.103
1.1	N	1.093	1.090	1.086	1.080	1.072	1.061	1.046	1.026	0.998
	F	1.107	1.110	1.115	1.121	1.129	1.142	1.161	1.189	1.230
1.2	N	1.191	1.188	1.183	1.176	1.166	1.153	1.135	1.110	1.077
	F	1.209	1.212	1.218	1.225	1.236	1.252	1.275	1.309	1.361
1.3	N	1.290	1.285	1.279	1.271	1.260	1.244	1.222	1.193	1.154
	F	1.311	1.315	1.321	1.330	1.343	1.362	1.390	1.432	1.496
1.4	N	1.388	1.383	1.376	1.366	1.353	1.334	1.309	1.274	1.230
	F	1.412	1.418	1.425	1.436	1.451	1.474	1.507	1.557	1.635
1.6	N	1.584	1.577	1.568	1.555	1.537	1.512	1.478	1.434	1.376
	F	1.617	1.624	1.634	1.649	1.670	1.700	1.746	1.816	1.925
1.8	N	1.779	1.770	1.758	1.741	1.718	1.687	1.645	1.588	1.516
	F	1.822	1.831	1.844	1.863	1.891	1.931	1.992	2.085	2.234
2	N	1.973	1.963	1.948	1.927	1.898	1.859	1.807	1.738	1.650
	F	2.027	2.039	2.056	2.080	2.115	2.166	2.244	2.366	2.564
2.2	N	2.167	2.154	2.136	2.110	2.076	2.029	1.966	1.884	1.780
	F	2.234	2.248	2.268	2.298	2.342	2.406	2.504	2.659	2.915
2.5	N	2.457	2.440	2.416	2.383	2.338	2.278	2.197	2.094	1.964
	F	2.544	2.563	2.590	2.630	2.688	2.775	2.908	3.122	3.489
3	N	2.938	2.912	2.878	2.830	2.766	2.679	2.567	2.424	2.248
	F	3.065	3.093	3.134	3.193	3.281	3.414	3.623	3.969	4.596
3.5	N	3.414	3.380	3.332	3.268	3.181	3.066	2.917	2.732	2.508
	F	3.591	3.630	3.686	3.770	3.894	4.086	4.394	4.923	5.943
4	N	3.887	3.842	3.780	3.697	3.585	3.438	3.250	3.019	2.745
	F	4.120	4.172	4.248	4.360	4.530	4.795	5.230	6.005	7.617
5	N	4.822	4.752	4.657	4.529	4.359	4.141	3.868	3.540	3.165
	F	5.192	5.276	5.400	5.585	5.872	6.332	7.126	8.675	12.579
7	N	6.651	6.516	6.335	6.096	5.788	5.404	4.941	4.411	3.835
	F	7.389	7.563	7.825	8.228	8.876	9.993	12.168	17.637	49.244
10	N	9.294	9.030	8.683	8.235	7.676	7.006	6.240	5.409	4.559
	F	10.824	11.207	11.799	12.753	14.403	17.642	25.931	78.355	INF
20	N	17.330	16.423	15.293	13.939	12.391	10.714	9.000	7.348	5.846
	F	23.654	25.594	28.957	35.579	52.651	164.998	INF	INF	INF
50	N	36.011	32.276	28.153	23.851	19.621	15.698	12.250	9.362	7.038
	F	81.891	111.362	227.078	INF	INF	INF	INF	INF	INF
INF	N	127.995	90.552	64.076	45.354	32.116	22.755	16.136	11.456	8.146
	F	INF	INF	INF	INF	INF	INF	INF	INF	INF

Cooke 5/i

75mm

Metres

Hyperfocal Setting								
T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
169.310	118.560	84.720	59.350	42.430	29.740	21.670	14.940	10.900

U	Metres	Depth of Field								
		T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.65	N	0.649	0.648	0.647	0.646	0.644	0.642	0.639	0.634	0.628
	F	0.651	0.652	0.653	0.654	0.656	0.658	0.662	0.667	0.674
0.7	N	0.698	0.698	0.697	0.695	0.693	0.690	0.687	0.681	0.674
	F	0.702	0.702	0.703	0.705	0.707	0.710	0.714	0.720	0.729
0.75	N	0.748	0.747	0.746	0.744	0.742	0.739	0.734	0.727	0.719
	F	0.752	0.753	0.754	0.756	0.758	0.762	0.767	0.774	0.785
0.8	N	0.798	0.797	0.795	0.793	0.790	0.786	0.781	0.774	0.763
	F	0.802	0.803	0.805	0.807	0.810	0.814	0.820	0.829	0.841
0.85	N	0.847	0.846	0.844	0.842	0.839	0.834	0.828	0.819	0.807
	F	0.853	0.854	0.856	0.858	0.862	0.866	0.873	0.884	0.899
0.9	N	0.897	0.895	0.894	0.891	0.887	0.882	0.875	0.865	0.851
	F	0.903	0.905	0.907	0.909	0.913	0.919	0.927	0.939	0.956
0.95	N	0.946	0.945	0.943	0.940	0.935	0.885	0.921	0.910	0.895
	F	0.954	0.955	0.958	0.961	0.965	0.972	0.981	0.994	1.014
1	N	0.996	0.994	0.992	0.988	0.983	0.977	0.968	0.955	0.938
	F	1.004	1.006	1.008	1.012	1.017	1.024	1.035	1.050	1.073
1.1	N	1.095	1.093	1.090	1.085	1.079	1.071	1.060	1.044	1.023
	F	1.105	1.108	1.111	1.115	1.122	1.131	1.144	1.164	1.192
1.2	N	1.194	1.191	1.187	1.182	1.175	1.165	1.151	1.132	1.106
	F	1.206	1.209	1.213	1.219	1.226	1.238	1.254	1.278	1.314
1.3	N	1.292	1.289	1.285	1.279	1.270	1.258	1.241	1.219	1.188
	F	1.308	1.311	1.316	1.322	1.332	1.346	1.365	1.395	1.439
1.4	N	1.391	1.387	1.382	1.375	1.364	1.350	1.331	1.304	1.269
	F	1.409	1.413	1.419	1.426	1.438	1.454	1.478	1.513	1.566
1.5	N	1.489	1.485	1.479	1.470	1.459	1.442	1.420	1.389	1.348
	F	1.511	1.515	1.522	1.531	1.544	1.563	1.591	1.633	1.696
1.6	N	1.588	1.583	1.576	1.566	1.552	1.533	1.508	1.473	1.426
	F	1.612	1.618	1.625	1.636	1.651	1.673	1.706	1.754	1.828
1.8	N	1.784	1.778	1.769	1.756	1.738	1.714	1.681	1.637	1.578
	F	1.816	1.823	1.833	1.846	1.867	1.896	1.939	2.003	2.102
2	N	1.980	1.972	1.961	1.945	1.923	1.893	1.852	1.797	1.726
	F	2.020	2.029	2.041	2.059	2.084	2.121	2.176	2.259	2.389
2.2	N	2.176	2.166	2.152	2.132	2.106	2.069	2.020	1.954	1.868
	F	2.225	2.236	2.251	2.272	2.304	2.350	2.419	2.523	2.689
2.5	N	2.468	2.455	2.437	2.412	2.377	2.330	2.266	2.182	2.074
	F	2.533	2.547	2.567	2.596	2.637	2.699	2.792	2.935	3.166
3	N	2.953	2.934	2.907	2.871	2.821	2.753	2.663	2.545	2.397
	F	3.049	3.069	3.099	3.142	3.205	3.299	3.441	3.667	4.043
3.5	N	3.435	3.409	3.373	3.323	3.255	3.164	3.043	2.889	2.696
	F	3.567	3.596	3.638	3.698	3.787	3.920	4.127	4.461	5.041
4	N	3.915	3.880	3.833	3.768	3.680	3.562	3.409	3.214	2.975
	F	4.089	4.127	4.183	4.264	4.384	4.566	4.852	5.326	6.186
4.5	N	4.391	4.348	4.288	4.206	4.096	3.949	3.760	3.522	3.235
	F	4.614	4.663	4.735	4.840	4.996	5.237	5.620	6.272	7.514
5	N	4.865	4.812	4.738	4.637	4.503	4.325	4.098	3.815	3.478
	F	5.143	5.204	5.294	5.426	5.625	5.934	6.435	7.312	9.071
6	N	5.805	5.728	5.623	5.481	5.291	5.046	4.736	4.359	3.920
	F	6.209	6.300	6.433	6.631	6.934	7.415	8.223	9.730	13.163
7	N	6.734	6.630	6.489	6.298	6.048	5.727	5.328	4.852	4.311
	F	7.288	7.414	7.601	7.882	8.317	9.024	10.260	12.740	19.420
10	N	9.460	9.253	8.976	8.612	8.145	7.566	6.877	6.095	5.256
	F	10.606	10.880	11.292	11.932	12.974	14.806	18.516	28.749	134.682
20	N	17.923	17.184	16.239	15.068	13.675	12.098	10.406	8.693	7.061
	F	22.627	23.930	26.054	29.798	37.414	58.670	302.433	INF	INF
50	N	38.689	35.378	31.561	27.387	23.078	18.888	15.034	11.681	8.893
	F	70.703	85.359	120.802	293.116	INF	INF	INF	INF	INF
INF	N	170.021	120.263	85.078	60.199	42.607	30.168	21.371	15.151	10.753
	F	INF	INF	INF	INF	INF	INF	INF	INF	INF

Cooke 5/i

100mm

Metres

Hyperfocal Setting								
T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
300.900	210.680	150.530	105.410	75.340	52.780	38.430	26.470	19.290

U Metres		Depth of Field								
		T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.75	N	0.749	0.748	0.748	0.747	0.745	0.743	0.741	0.737	0.732
	F	0.751	0.752	0.752	0.753	0.755	0.757	0.760	0.764	0.769
0.8	N	0.799	0.798	0.797	0.796	0.795	0.792	0.789	0.785	0.779
	F	0.801	0.802	0.803	0.804	0.806	0.808	0.811	0.816	0.823
0.85	N	0.848	0.848	0.847	0.845	0.844	0.841	0.837	0.832	0.825
	F	0.852	0.852	0.853	0.855	0.857	0.859	0.863	0.869	0.877
0.9	N	0.898	0.897	0.896	0.895	0.893	0.890	0.885	0.880	0.871
	F	0.902	0.903	0.904	0.905	0.908	0.911	0.915	0.922	0.931
0.95	N	0.948	0.947	0.946	0.944	0.942	0.938	0.933	0.927	0.917
	F	0.952	0.953	0.954	0.956	0.959	0.962	0.967	0.975	0.986
1	N	0.998	0.997	0.995	0.993	0.990	0.987	0.981	0.974	0.963
	F	1.002	1.003	1.005	1.007	1.010	1.014	1.020	1.028	1.040
1.1	N	1.097	1.096	1.094	1.092	1.088	1.083	1.076	1.067	1.054
	F	1.103	1.104	1.106	1.109	1.112	1.117	1.125	1.135	1.151
1.2	N	1.196	1.195	1.193	1.190	1.185	1.180	1.171	1.160	1.144
	F	1.204	1.205	1.207	1.211	1.215	1.221	1.230	1.244	1.263
1.3	N	1.296	1.294	1.291	1.288	1.283	1.275	1.266	1.252	1.233
	F	1.304	1.306	1.309	1.313	1.318	1.326	1.337	1.352	1.376
1.4	N	1.395	1.393	1.390	1.385	1.379	1.371	1.359	1.343	1.321
	F	1.405	1.407	1.411	1.415	1.421	1.430	1.443	1.462	1.490
1.5	N	1.494	1.491	1.488	1.483	1.476	1.466	1.453	1.434	1.409
	F	1.506	1.509	1.512	1.518	1.525	1.536	1.551	1.573	1.606
1.8	N	1.791	1.787	1.782	1.774	1.764	1.750	1.730	1.702	1.665
	F	1.809	1.813	1.819	1.826	1.837	1.854	1.877	1.911	1.961
2	N	1.989	1.984	1.977	1.968	1.955	1.937	1.912	1.878	1.832
	F	2.012	2.016	2.023	2.033	2.047	2.068	2.097	2.140	2.205
2.2	N	2.186	2.180	2.172	2.161	2.145	2.123	2.093	2.051	1.996
	F	2.214	2.220	2.229	2.241	2.258	2.283	2.320	2.374	2.455
2.5	N	2.482	2.474	2.463	2.449	2.428	2.399	2.360	2.307	2.236
	F	2.519	2.527	2.538	2.554	2.577	2.610	2.659	2.731	2.841
3	N	2.973	2.962	2.946	2.925	2.895	2.853	2.797	2.721	2.620
	F	3.028	3.039	3.056	3.080	3.114	3.164	3.237	3.348	3.518
3.5	N	3.463	3.447	3.426	3.396	3.355	3.299	3.222	3.121	2.987
	F	3.538	3.554	3.577	3.611	3.658	3.729	3.833	3.991	4.239
4	N	3.951	3.931	3.903	3.864	3.810	3.737	3.638	3.507	3.338
	F	4.051	4.072	4.103	4.147	4.211	4.305	4.446	4.663	5.009
4.5	N	4.437	4.412	4.376	4.327	4.259	4.167	4.043	3.881	3.674
	F	4.565	4.592	4.631	4.688	4.771	4.893	5.078	5.365	5.834
5	N	4.922	4.890	4.846	4.786	4.702	4.589	4.439	4.243	3.995
	F	5.081	5.115	5.164	5.235	5.339	5.494	5.730	6.101	6.718
6	N	5.887	5.841	5.778	5.691	5.572	5.413	5.203	4.933	4.597
	F	6.118	6.168	6.240	6.346	6.501	6.734	7.096	7.680	8.696
7	N	6.845	6.783	6.698	6.580	6.421	6.209	5.932	5.582	5.153
	F	7.162	7.231	7.332	7.479	7.697	8.029	8.552	9.422	11.013
10	N	9.684	9.558	9.387	9.155	8.846	8.443	7.934	7.311	6.584
	F	10.338	10.485	10.700	11.020	11.508	12.277	13.561	15.923	21.155
20	N	18.756	18.285	17.659	16.843	15.812	14.553	13.083	11.452	9.741
	F	21.422	22.073	23.064	24.629	27.247	32.075	42.828	81.660	INF
50	N	42.835	40.436	37.471	33.952	29.974	25.720	21.427	17.345	13.675
	F	60.056	65.518	75.195	95.066	151.886	989.320	INF	INF	INF
INF	N	297.172	210.177	148.662	105.164	74.406	52.658	37.279	26.404	18.715
	F	INF	INF	INF	INF	INF	INF	INF	INF	INF

Cooke 5/i

135mm

Metres

Hyperfocal Setting								
T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
538.633	399.052	282.245	199.651	141.248	99.950	70.749	50.100	35.499

U	Metres	Depth of Field								
		T/1.4	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
1	N	0.999	0.998	0.998	0.997	0.995	0.993	0.990	0.986	0.981
	F	1.001	1.002	1.002	1.003	1.005	1.007	1.010	1.014	1.020
1.1	N	1.098	1.098	1.097	1.096	1.094	1.091	1.088	1.083	1.076
	F	1.102	1.102	1.103	1.104	1.106	1.109	1.113	1.118	1.125
1.2	N	1.198	1.197	1.196	1.195	1.192	1.189	1.185	1.179	1.170
	F	1.202	1.203	1.204	1.205	1.208	1.211	1.216	1.222	1.232
1.3	N	1.298	1.297	1.295	1.293	1.291	1.287	1.282	1.274	1.264
	F	1.302	1.303	1.305	1.307	1.309	1.313	1.319	1.327	1.338
1.4	N	1.397	1.396	1.395	1.392	1.389	1.385	1.378	1.370	1.357
	F	1.403	1.404	1.406	1.408	1.411	1.416	1.422	1.432	1.445
1.5	N	1.497	1.495	1.494	1.491	1.487	1.482	1.475	1.465	1.450
	F	1.503	1.505	1.506	1.509	1.513	1.518	1.526	1.537	1.553
1.6	N	1.596	1.595	1.593	1.590	1.585	1.579	1.571	1.559	1.543
	F	1.604	1.605	1.607	1.611	1.615	1.621	1.630	1.643	1.662
1.8	N	1.795	1.793	1.790	1.786	1.781	1.773	1.762	1.747	1.726
	F	1.805	1.807	1.810	1.814	1.820	1.828	1.840	1.857	1.881
2	N	1.994	1.991	1.988	1.983	1.976	1.966	1.952	1.933	1.907
	F	2.006	2.009	2.012	2.017	2.025	2.035	2.050	2.072	2.103
2.2	N	2.193	2.189	2.185	2.179	2.170	2.158	2.142	2.118	2.086
	F	2.208	2.211	2.215	2.221	2.230	2.243	2.262	2.289	2.327
2.5	N	2.490	2.486	2.480	2.472	2.461	2.445	2.423	2.393	2.351
	F	2.510	2.514	2.520	2.528	2.540	2.557	2.582	2.617	2.669
3	N	2.985	2.980	2.971	2.959	2.943	2.920	2.888	2.844	2.784
	F	3.015	3.021	3.029	3.042	3.060	3.085	3.122	3.175	3.254
3.5	N	3.480	3.472	3.460	3.444	3.421	3.389	3.346	3.286	3.205
	F	3.520	3.529	3.541	3.558	3.583	3.618	3.669	3.745	3.857
4	N	3.973	3.963	3.947	3.926	3.896	3.855	3.798	3.720	3.615
	F	4.027	4.038	4.054	4.077	4.110	4.157	4.226	4.327	4.479
4.5	N	4.466	4.452	4.433	4.406	4.368	4.315	4.243	4.145	4.015
	F	4.534	4.549	4.569	4.599	4.641	4.702	4.791	4.922	5.122
5	N	4.958	4.941	4.917	4.883	4.836	4.771	4.683	4.563	4.404
	F	5.043	5.061	5.086	5.123	5.176	5.252	5.364	5.531	5.786
6	N	5.939	5.914	5.879	5.831	5.763	5.670	5.544	5.376	5.154
	F	6.062	6.089	6.126	6.180	6.257	6.371	6.538	6.791	7.184
7	N	6.916	6.882	6.835	6.769	6.677	6.552	6.384	6.159	5.868
	F	7.086	7.122	7.173	7.248	7.356	7.514	7.750	8.110	8.682
10	N	9.828	9.759	9.662	9.529	9.346	9.100	8.773	8.350	7.817
	F	10.178	10.254	10.363	10.521	10.753	11.099	11.629	12.472	13.898
20	N	19.314	19.043	18.674	18.174	17.513	16.655	15.577	14.272	12.761
	F	20.737	21.058	21.530	22.235	23.315	25.034	27.952	33.472	46.461
50	N	45.888	44.377	42.402	39.892	36.812	33.188	29.135	24.846	20.568
	F	54.922	57.258	60.921	66.984	77.958	101.477	177.060	INF	INF
INF	N	554.743	392.283	277.406	196.176	138.738	98.123	69.403	49.096	34.736
	F	INF	INF	INF	INF	INF	INF	INF	INF	INF

# COOKE S4 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 S4 lenses to photograph in 16/Super16 format expand the in-focus area by a factor of 2.

Cooke S4

12mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
10' 4.4"	7' 6.6"	5' 5.0"	3' 11.6"	2' 11.0"	2' 2.8"	1' 8.1"	1' 4.1"

U Feet		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
9"	N	0' 8.9"	0' 8.8"	0' 8.8"	0' 8.7"	0' 8.6"	0' 8.4"	0' 8.2"	0' 8.0"
	F	0' 9.1"	0' 9.2"	0' 9.3"	0' 9.4"	0' 9.5"	0' 9.8"	0' 10.2"	0' 11.0"
10"	N	0' 9.8"	0' 9.7"	0' 9.7"	0' 9.5"	0' 9.4"	0' 9.1"	0' 8.9"	0' 8.5"
	F	0' 10.2"	0' 10.3"	0' 10.4"	0' 10.6"	0' 10.9"	0' 11.3"	1' 0.2"	1' 1.7"
11"	N	0' 10.7"	0' 10.6"	0' 10.5"	0' 10.3"	0' 10.1"	0' 9.8"	0' 9.4"	0' 9.0"
	F	0' 11.3"	0' 11.4"	0' 11.6"	0' 11.9"	1' 0.3"	1' 1.1"	1' 2.4"	1' 5.4"
12"	N	0' 11.6"	0' 11.5"	0' 11.3"	0' 11.1"	0' 10.8"	0' 10.4"	0' 9.9"	0' 9.4"
	F	1' 0.4"	1' 0.6"	1' 0.8"	1' 1.2"	1' 1.9"	1' 3.0"	1' 5.2"	1' 10.8"
13"	N	1' 0.5"	1' 0.4"	1' 0.1"	0' 11.8"	0' 11.4"	0' 11.0"	0' 10.4"	0' 9.8"
	F	1' 1.5"	1' 1.8"	1' 2.1"	1' 2.7"	1' 3.6"	1' 5.2"	1' 8.7"	2' 7.3"
14"	N	1' 1.4"	1' 1.2"	1' 0.9"	1' 0.5"	1' 0.1"	0' 11.5"	0' 10.8"	0' 10.1"
	F	1' 2.7"	1' 3.0"	1' 3.4"	1' 4.2"	1' 5.4"	1' 7.8"	2' 1.2"	3' 11.0"
15"	N	1' 2.3"	1' 2.0"	1' 1.7"	1' 1.2"	1' 0.7"	1' 0.0"	0' 11.2"	0' 10.4"
	F	1' 3.8"	1' 4.2"	1' 4.8"	1' 5.8"	1' 7.4"	1' 10.7"	2' 7.1"	7' 1.2"
16"	N	1' 3.1"	1' 2.8"	1' 2.4"	1' 1.9"	1' 1.2"	1' 0.5"	0' 11.6"	0' 10.7"
	F	1' 5.0"	1' 5.5"	1' 6.2"	1' 7.5"	1' 9.6"	2' 2.2"	3' 3.4"	26' 8.1"
17"	N	1' 4.0"	1' 3.6"	1' 3.1"	1' 2.5"	1' 1.8"	1' 0.9"	0' 11.9"	0' 10.9"
	F	1' 6.2"	1' 6.8"	1' 7.7"	1' 9.3"	2' 0.1"	2' 6.3"	4' 3.8"	INF
18"	N	1' 4.8"	1' 4.4"	1' 3.8"	1' 3.1"	1' 2.3"	1' 1.3"	1' 0.2"	0' 11.1"
	F	1' 7.4"	1' 8.1"	1' 9.3"	1' 11.2"	2' 2.7"	2' 11.2"	6' 0.3"	INF
20"	N	1' 6.4"	1' 5.9"	1' 5.2"	1' 4.3"	1' 3.3"	1' 2.1"	1' 0.8"	0' 11.5"
	F	1' 10.0"	1' 10.9"	2' 0.5"	2' 3.3"	2' 9.0"	4' 0.9"	19' 2.4"	INF
22"	N	1' 8.0"	1' 7.3"	1' 6.5"	1' 5.4"	1' 4.2"	1' 2.8"	1' 1.3"	0' 11.9"
	F	2' 0.6"	2' 1.9"	2' 4.1"	2' 8.1"	3' 5.0"	6' 0.4"	INF	INF
2'	N	1' 9.6"	1' 8.7"	1' 7.7"	1' 6.4"	1' 5.0"	1' 3.4"	1' 1.8"	1' 0.2"
	F	2' 3.3"	2' 5.0"	2' 8.0"	3' 1.6"	4' 3.5"	10' 1.7"	INF	INF
2' 3"	N	1' 11.8"	1' 10.7"	1' 9.4"	1' 7.8"	1' 6.1"	1' 4.2"	1' 2.3"	1' 0.6"
	F	2' 7.5"	2' 10.0"	3' 2.4"	3' 11.7"	6' 3.0"	INF	INF	INF
2' 6"	N	2' 1.9"	2' 0.6"	1' 11.0"	1' 9.1"	1' 7.1"	1' 4.9"	1' 2.8"	1' 0.9"
	F	3' 0.0"	3' 3.5"	3' 9.9"	5' 0.7"	9' 10.8"	INF	INF	INF
3'	N	2' 6.0"	2' 4.1"	2' 1.9"	1' 11.4"	1' 8.8"	1' 6.1"	1' 3.6"	1' 1.4"
	F	3' 9.9"	4' 4.1"	5' 5.1"	8' 7.3"	INF	INF	INF	INF
4'	N	3' 1.2"	2' 10.2"	2' 6.7"	2' 3.1"	1' 11.4"	1' 7.9"	1' 4.7"	1' 2.0"
	F	5' 9.8"	7' 3.0"	11' 4.3"	74' 10.1"	INF	INF	INF	INF
5'	N	3' 7.5"	3' 3.2"	2' 10.6"	2' 5.9"	2' 1.3"	1' 9.1"	1' 5.5"	1' 2.5"
	F	8' 5.5"	12' 1.6"	33' 5.6"	INF	INF	INF	INF	INF
7'	N	4' 5.8"	3' 11.2"	3' 4.4"	2' 9.8"	2' 3.8"	1' 10.6"	1' 6.4"	1' 3.0"
	F	17' 8.3"	53' 3.7"	INF	INF	INF	INF	INF	INF
10'	N	5' 5.5"	4' 7.6"	3' 10.1"	3' 1.5"	2' 6.0"	1' 11.9"	1' 7.1"	1' 3.4"
	F	97' 11.5"	INF	INF	INF	INF	INF	INF	INF
20'	N	7' 3.7"	5' 10.2"	4' 7.2"	3' 6.9"	2' 9.2"	2' 1.7"	1' 8.0"	1' 3.9"
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	11' 0.5"	7' 11.2"	5' 8.8"	4' 2.1"	3' 1.0"	2' 3.6"	1' 9.0"	1' 4.4"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

14mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
13' 11.7"	10' 1.3"	7' 2.2"	5' 3.4"	3' 9.7"	2' 10.6"	2' 1.6"	1' 8.1"

U	Feet	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
9"	N	0' 8.9"	0' 8.9"	0' 8.8"	0' 8.7"	0' 8.6"	0' 8.5"	0' 8.4"	0' 8.2"
	F	0' 9.1"	0' 9.1"	0' 9.2"	0' 9.3"	0' 9.4"	0' 9.6"	0' 10"	0' 10.5"
10"	N	0' 9.9"	0' 9.8"	0' 9.7"	0' 9.6"	0' 9.5"	0' 9.3"	0' 9"	0' 8.8"
	F	0' 10.2"	0' 10.2"	0' 10.3"	0' 10.5"	0' 10.7"	0' 11"	0' 11.6"	1' 0.6"
11"	N	0' 10.8"	0' 10.7"	0' 10.6"	0' 10.4"	0' 10.2"	0' 10"	0' 9.7"	0' 9.3"
	F	0' 11.2"	0' 11.3"	0' 11.5"	0' 11.7"	1' 0"	1' 0.5"	1' 1.5"	1' 3.2"
12"	N	0' 11.7"	0' 11.6"	0' 11.4"	0' 11.3"	0' 11"	0' 10.7"	0' 10.2"	0' 9.8"
	F	1' 0.3"	1' 0.4"	1' 0.7"	1' 1"	1' 1.5"	1' 2.2"	1' 3.7"	1' 6.4"
13"	N	1' 0.6"	1' 0.5"	1' 0.3"	1' 0"	0' 11.7"	0' 11.3"	0' 10.8"	0' 10.2"
	F	1' 1.4"	1' 1.6"	1' 1.9"	1' 2.3"	1' 3"	1' 4"	1' 6.2"	1' 10.7"
14"	N	1' 1.5"	1' 1.4"	1' 1.1"	1' 0.8"	1' 0.4"	0' 11.9"	0' 11.3"	0' 10.6"
	F	1' 2.5"	1' 2.8"	1' 3.1"	1' 3.6"	1' 4.6"	1' 6"	1' 9.2"	2' 4.4"
15"	N	1' 2.4"	1' 2.2"	1' 1.9"	1' 1.5"	1' 1"	1' 0.5"	0' 11.7"	0' 11"
	F	1' 3.7"	1' 3.9"	1' 4.4"	1' 5.1"	1' 6.3"	1' 8.1"	2' 0.8"	3' 0.5"
16"	N	1' 3.3"	1' 3.1"	1' 2.7"	1' 2.3"	1' 1.7"	1' 1"	1' 0.2"	0' 11.4"
	F	1' 4.8"	1' 5.1"	1' 5.7"	1' 6.6"	1' 8.1"	1' 10.5"	2' 5.1"	4' 1.1"
17"	N	1' 4.2"	1' 3.9"	1' 3.5"	1' 3"	1' 2.3"	1' 1.6"	1' 0.6"	0' 11.7"
	F	1' 6"	1' 6.4"	1' 7.1"	1' 8.1"	1' 10"	2' 1.2"	2' 10.5"	5' 11"
18"	N	1' 5"	1' 4.7"	1' 4.2"	1' 3.6"	1' 2.9"	1' 2.1"	1' 1"	0' 12"
	F	1' 7.1"	1' 7.6"	1' 8.5"	1' 9.7"	2' 0.1"	2' 4.2"	3' 5.3"	9' 10.9"
20"	N	1' 6.7"	1' 6.3"	1' 5.7"	1' 4.9"	1' 4"	1' 3"	1' 1.7"	1' 0.5"
	F	1' 9.5"	1' 10.2"	1' 11.4"	2' 1.2"	2' 4.7"	2' 11.4"	5' 2.6"	INF
22"	N	1' 8.4"	1' 7.8"	1' 7.1"	1' 6.2"	1' 5"	1' 3.9"	1' 2.3"	1' 1"
	F	1' 12"	2' 0.9"	2' 2.5"	2' 5"	2' 10.1"	3' 8.9"	9' 1.6"	INF
2' 0"	N	1' 10"	1' 9.4"	1' 8.4"	1' 7.4"	1' 6"	1' 4.6"	1' 2.9"	1' 1.4"
	F	2' 2.5"	2' 3.7"	2' 5.7"	2' 9.2"	3' 4.5"	4' 9.9"	24' 10.7"	INF
2' 3"	N	2' 0.4"	1' 11.5"	1' 10.4"	1' 9"	1' 7.4"	1' 5.7"	1' 3.7"	1' 2"
	F	2' 6.4"	2' 8.1"	2' 11.1"	3' 4.3"	4' 4.6"	7' 6.1"	INF	INF
2' 6"	N	2' 2.7"	2' 1.6"	2' 0.2"	1' 10.6"	1' 8.6"	1' 6.7"	1' 4.3"	1' 2.4"
	F	2' 10.5"	3' 0.8"	3' 5"	4' 0.6"	5' 9.3"	13' 7.2"	INF	INF
3' 0"	N	2' 7.1"	2' 5.5"	2' 3.5"	2' 1.3"	1' 10.7"	1' 8.3"	1' 5.4"	1' 3.2"
	F	3' 7.2"	3' 11.1"	4' 6.8"	5' 10.8"	11' 0.6"	INF	INF	INF
4' 0"	N	3' 3.1"	3' 0.5"	2' 9.3"	2' 5.9"	2' 2.1"	1' 10.7"	1' 7"	1' 4.2"
	F	5' 3.2"	6' 0.8"	7' 11.2"	13' 10.1"	INF	INF	INF	INF
5' 0"	N	3' 10.3"	3' 6.5"	3' 2"	2' 9.5"	2' 4.6"	2' 0.5"	1' 8.1"	1' 4.9"
	F	7' 3.6"	9' 0.3"	14' 2.9"	72' 11.5"	INF	INF	INF	INF
7' 0"	N	4' 10.5"	4' 4.3"	3' 9.4"	3' 2.8"	2' 8.2"	2' 2.9"	1' 9.5"	1' 5.7"
	F	13' 0.7"	20' 5.2"	162' 4.3"	INF	INF	INF	INF	INF
10' 0"	N	6' 0.8"	5' 3.3"	4' 5.1"	3' 8.1"	2' 11.5"	2' 4.9"	1' 10.6"	1' 6.4"
	F	32' 0.5"	403' 2"	INF	INF	INF	INF	INF	INF
20' 0"	N	8' 6.1"	6' 11.7"	5' 6.3"	4' 4.3"	3' 4.3"	2' 7.8"	2' 0.2"	1' 7.3"
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	14' 2.6"	10' 3.4"	7' 3.9"	5' 4.3"	3' 10.6"	2' 11.3"	2' 1.9"	1' 8.2"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

16mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
18' 1.3"	13' 0.7"	9' 3.4"	6' 9.1"	4' 10.3"	3' 7.7"	2' 7.9"	2' 0.4"

U	Feet	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
9"	N	0' 8.9"	0' 8.9"	0' 8.9"	0' 8.8"	0' 8.7"	0' 8.6"	0' 8.5"	0' 8.3"
	F	0' 9.1"	0' 9.1"	0' 9.2"	0' 9.2"	0' 9.3"	0' 9.5"	0' 9.7"	0' 10.1"
10"	N	0' 9.9"	0' 9.8"	0' 9.8"	0' 9.7"	0' 9.6"	0' 9.4"	0' 9.2"	0' 9"
	F	0' 10.1"	0' 10.2"	0' 10.2"	0' 10.4"	0' 10.5"	0' 10.8"	0' 11.2"	0' 11.8"
11"	N	0' 10.8"	0' 10.8"	0' 10.7"	0' 10.6"	0' 10.4"	0' 10.2"	0' 9.9"	0' 9.6"
	F	0' 11.2"	0' 11.3"	0' 11.4"	0' 11.5"	0' 11.8"	1' 0.1"	1' 0.8"	1' 1.8"
12"	N	0' 11.8"	0' 11.7"	0' 11.6"	0' 11.4"	0' 11.2"	0' 10.9"	0' 10.5"	0' 10.1"
	F	1' 0.2"	1' 0.3"	1' 0.5"	1' 0.7"	1' 1.1"	1' 1.6"	1' 2.6"	1' 4.2"
13"	N	1' 0.7"	1' 0.6"	1' 0.4"	1' 0.2"	0' 11.9"	0' 11.6"	0' 11.1"	0' 10.6"
	F	1' 1.3"	1' 1.5"	1' 1.7"	1' 2"	1' 2.5"	1' 3.2"	1' 4.6"	1' 7.1"
14"	N	1' 1.6"	1' 1.5"	1' 1.3"	1' 1"	1' 0.7"	1' 0.3"	0' 11.7"	0' 11.1"
	F	1' 2.4"	1' 2.6"	1' 2.9"	1' 3.3"	1' 3.9"	1' 4.9"	1' 6.9"	1' 10.6"
15"	N	1' 2.5"	1' 2.4"	1' 2.1"	1' 1.8"	1' 1.4"	1' 0.9"	1' 0.2"	0' 11.6"
	F	1' 3.5"	1' 3.7"	1' 4.1"	1' 4.6"	1' 5.4"	1' 6.7"	1' 9.5"	2' 2.9"
16"	N	1' 3.4"	1' 3.2"	1' 2.9"	1' 2.6"	1' 2.1"	1' 1.5"	1' 0.7"	0' 12"
	F	1' 4.6"	1' 4.9"	1' 5.3"	1' 5.9"	1' 7"	1' 8.6"	2' 0.4"	2' 8.4"
17"	N	1' 4.3"	1' 4.1"	1' 3.8"	1' 3.3"	1' 2.7"	1' 2.1"	1' 1.2"	1' 0.4"
	F	1' 5.7"	1' 6.1"	1' 6.6"	1' 7.4"	1' 8.7"	1' 10.7"	2' 3.8"	3' 3.6"
18"	N	1' 5.2"	1' 4.9"	1' 4.5"	1' 4.1"	1' 3.4"	1' 2.7"	1' 1.7"	1' 0.7"
	F	1' 6.9"	1' 7.3"	1' 7.9"	1' 8.8"	1' 10.4"	2' 1"	2' 7.7"	4' 1.5"
19"	N	1' 6.1"	1' 5.8"	1' 5.3"	1' 4.8"	1' 4"	1' 3.2"	1' 2.1"	1' 1.1"
	F	1' 8"	1' 8.5"	1' 9.2"	1' 10.3"	2' 0.3"	2' 3.5"	3' 0.3"	5' 4.1"
20"	N	1' 7"	1' 6.6"	1' 6.1"	1' 5.5"	1' 4.6"	1' 3.7"	1' 2.5"	1' 1.4"
	F	1' 9.2"	1' 9.7"	1' 10.6"	1' 11.9"	2' 2.2"	2' 6.2"	3' 5.7"	7' 3.3"
22"	N	1' 8.7"	1' 8.2"	1' 7.6"	1' 6.8"	1' 5.8"	1' 4.7"	1' 3.3"	1' 2"
	F	1' 11.5"	2' 0.2"	2' 1.4"	2' 3.2"	2' 6.5"	3' 0.4"	4' 8.7"	19' 10.3"
2' 0"	N	1' 10.4"	1' 9.8"	1' 9"	1' 8.1"	1' 6.9"	1' 5.6"	1' 4"	1' 2.5"
	F	2' 1.9"	2' 2.8"	2' 4.3"	2' 6.7"	2' 11.3"	3' 8.1"	6' 9"	INF
2' 3"	N	2' 0.9"	2' 0.1"	1' 11.1"	1' 9.9"	1' 8.4"	1' 6.9"	1' 4.9"	1' 3.2"
	F	2' 5.6"	2' 6.9"	2' 9"	3' 0.5"	3' 7.7"	4' 11.3"	14' 4.7"	INF
2' 6"	N	2' 3.3"	2' 2.4"	2' 1.1"	1' 11.7"	1' 9.8"	1' 8"	1' 5.7"	1' 3.8"
	F	2' 9.5"	2' 11.2"	3' 2.1"	3' 7"	4' 6.1"	6' 10.2"	166' 1.5"	INF
2' 9"	N	2' 5.6"	2' 4.5"	2' 3"	2' 1.3"	1' 11.1"	1' 9"	1' 6.5"	1' 4.3"
	F	3' 1.4"	3' 3.6"	3' 7.6"	4' 2.5"	5' 7.2"	10' 0.4"	INF	INF
3' 0"	N	2' 7.9"	2' 6.6"	2' 4.8"	2' 2.8"	2' 0.4"	1' 10"	1' 7.1"	1' 4.8"
	F	3' 5.5"	3' 8.3"	4' 1.5"	4' 10.9"	7' 0.2"	16' 5.1"	INF	INF
3' 6"	N	3' 0.4"	2' 10.6"	2' 8.2"	2' 5.6"	2' 2.5"	1' 11.6"	1' 8.2"	1' 5.5"
	F	4' 2.2"	4' 6.5"	5' 3"	6' 8.1"	11' 8.2"	INF	INF	INF
4' 0"	N	3' 4.6"	3' 2.3"	2' 11.3"	2' 8.1"	2' 4.4"	2' 1.1"	1' 9.2"	1' 6.2"
	F	4' 11.4"	5' 5.9"	6' 7.2"	9' 1.8"	23' 4.8"	INF	INF	INF
5' 0"	N	4' 0.4"	3' 9"	3' 4.8"	3' 0.5"	2' 7.6"	2' 3.3"	1' 10.6"	1' 7.1"
	F	6' 8.2"	7' 9.2"	10' 4.1"	19' 0.9"	INF	INF	INF	INF
7' 0"	N	5' 2"	4' 8.4"	4' 1.7"	3' 7.1"	3' 0.2"	2' 6.5"	2' 0.5"	1' 8.3"
	F	11' 1.6"	14' 9"	29' 5"	INF	INF	INF	INF	INF
10' 0"	N	6' 6.7"	5' 9.5"	4' 11.3"	4' 1.9"	3' 4.6"	2' 9.3"	2' 2.2"	1' 9.3"
	F	22' 3.4"	45' 4.6"	INF	INF	INF	INF	INF	INF
15' 0"	N	8' 3.5"	7' 0.8"	5' 9.8"	4' 8.8"	3' 8.8"	2' 11.9"	2' 3.6"	1' 10.1"
	F	100' 9.7"	INF	INF	INF	INF	INF	INF	INF
30' 0"	N	11' 3.1"	9' 0.8"	7' 0.7"	5' 5.9"	4' 2"	3' 3"	2' 5.2"	1' 11"
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	17' 6.4"	12' 7.8"	8' 11.8"	6' 6.5"	4' 8.6"	3' 6.6"	2' 6.9"	1' 12"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
22' 8.8"	16' 4.5"	11' 6.6"	8' 4.4"	5' 11.7"	4' 5.1"	3' 2.2"	2' 4.7"

U	Feet	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
9"	N	0' 8.9"	0' 8.9"	0' 8.8"	0' 8.8"	0' 8.7"	0' 8.6"	0' 8.4"	0' 8.2"
	F	0' 9.1"	0' 9.1"	0' 9.2"	0' 9.3"	0' 9.4"	0' 9.5"	0' 9.8"	0' 10.2"
10"	N	0' 9.9"	0' 9.8"	0' 9.8"	0' 9.7"	0' 9.5"	0' 9.4"	0' 9.1"	0' 8.9"
	F	0' 10.1"	0' 10.2"	0' 10.3"	0' 10.4"	0' 10.6"	0' 10.8"	0' 11.3"	0' 11.9"
11"	N	0' 10.8"	0' 10.8"	0' 10.7"	0' 10.5"	0' 10.4"	0' 10.1"	0' 9.8"	0' 9.5"
	F	0' 11.2"	0' 11.3"	0' 11.4"	0' 11.5"	0' 11.8"	1' 0.2"	1' 0.8"	1' 1.8"
12"	N	0' 11.8"	0' 11.7"	0' 11.6"	0' 11.4"	0' 11.2"	0' 10.9"	0' 10.5"	0' 10.1"
	F	1' 0.2"	1' 0.3"	1' 0.5"	1' 0.7"	1' 1.1"	1' 1.6"	1' 2.5"	1' 4"
13"	N	1' 0.7"	1' 0.6"	1' 0.4"	1' 0.2"	0' 12"	0' 11.6"	0' 11.1"	0' 10.6"
	F	1' 1.3"	1' 1.4"	1' 1.6"	1' 1.9"	1' 2.4"	1' 3"	1' 4.3"	1' 6.4"
14"	N	1' 1.6"	1' 1.5"	1' 1.3"	1' 1.1"	1' 0.7"	1' 0.3"	0' 11.7"	0' 11.1"
	F	1' 2.4"	1' 2.6"	1' 2.8"	1' 3.2"	1' 3.8"	1' 4.6"	1' 6.3"	1' 9.2"
15"	N	1' 2.6"	1' 2.4"	1' 2.2"	1' 1.9"	1' 1.5"	1' 1"	1' 0.3"	0' 11.6"
	F	1' 3.5"	1' 3.7"	1' 4"	1' 4.4"	1' 5.2"	1' 6.3"	1' 8.5"	2' 0.5"
16"	N	1' 3.5"	1' 3.3"	1' 3"	1' 2.7"	1' 2.2"	1' 1.6"	1' 0.9"	1' 0.1"
	F	1' 4.6"	1' 4.8"	1' 5.2"	1' 5.7"	1' 6.7"	1' 8"	1' 10.9"	2' 4.3"
17"	N	1' 4.4"	1' 4.2"	1' 3.8"	1' 3.4"	1' 2.9"	1' 2.3"	1' 1.4"	1' 0.5"
	F	1' 5.7"	1' 6"	1' 6.4"	1' 7.1"	1' 8.2"	1' 9.8"	2' 1.6"	2' 8.9"
18"	N	1' 5.3"	1' 5"	1' 4.7"	1' 4.2"	1' 3.6"	1' 2.9"	1' 1.9"	1' 0.9"
	F	1' 6.8"	1' 7.1"	1' 7.7"	1' 8.4"	1' 9.8"	1' 11.8"	2' 4.5"	3' 2.4"
19"	N	1' 6.2"	1' 5.9"	1' 5.5"	1' 5"	1' 4.2"	1' 3.5"	1' 2.4"	1' 1.3"
	F	1' 7.9"	1' 8.3"	1' 8.9"	1' 9.8"	1' 11.4"	2' 1.9"	2' 7.8"	3' 9.3"
20"	N	1' 7.1"	1' 6.8"	1' 6.3"	1' 5.7"	1' 4.9"	1' 4"	1' 2.8"	1' 1.7"
	F	1' 9"	1' 9.5"	1' 10.2"	1' 11.3"	2' 1.2"	2' 4.1"	2' 11.5"	4' 6"
22"	N	1' 8.9"	1' 8.4"	1' 7.8"	1' 7.1"	1' 6.2"	1' 5.1"	1' 3.7"	1' 2.4"
	F	1' 11.3"	1' 11.9"	2' 0.9"	2' 2.3"	2' 4.8"	2' 9"	3' 8.4"	6' 9.1"
2' 0"	N	1' 10.6"	1' 10.1"	1' 9.4"	1' 8.5"	1' 7.4"	1' 6.2"	1' 4.5"	1' 3"
	F	2' 1.6"	2' 2.4"	2' 3.6"	2' 5.4"	2' 8.8"	3' 2.6"	4' 8.2"	11' 8.4"
2' 3"	N	2' 1.2"	2' 0.5"	1' 11.6"	1' 10.5"	1' 9.1"	1' 7.6"	1' 5.6"	1' 3.8"
	F	2' 5.2"	2' 6.2"	2' 7.9"	2' 10.5"	3' 3.5"	4' 0.8"	6' 11.6"	116' 0.4"
2' 6"	N	2' 3.7"	2' 2.8"	2' 1.7"	2' 0.4"	1' 10.7"	1' 8.9"	1' 6.6"	1' 4.6"
	F	2' 8.9"	2' 10.2"	3' 0.5"	3' 4.1"	3' 11.3"	5' 1.9"	11' 5.4"	INF
2' 9"	N	2' 6.1"	2' 5.1"	2' 3.8"	2' 2.2"	2' 0.1"	1' 10.1"	1' 7.5"	1' 5.2"
	F	3' 0.6"	3' 2.3"	3' 5.3"	3' 10.1"	4' 8.4"	6' 7.3"	24' 3.1"	INF
3' 0"	N	2' 8.5"	2' 7.3"	2' 5.7"	2' 3.9"	2' 1.5"	1' 11.2"	1' 8.3"	1' 5.8"
	F	3' 4.5"	3' 6.6"	3' 10.4"	4' 4.8"	5' 7.1"	8' 7.8"	376' 2.2"	INF
3' 6"	N	3' 1.2"	2' 11.6"	2' 9.5"	2' 7"	2' 4.1"	2' 1.2"	1' 9.7"	1' 6.8"
	F	4' 0.5"	4' 3.7"	4' 9.7"	5' 8.3"	7' 11.8"	16' 9.8"	INF	INF
4' 0"	N	3' 5.7"	3' 3.6"	3' 0.9"	2' 9.9"	2' 6.4"	2' 2.9"	1' 10.9"	1' 7.6"
	F	4' 8.9"	5' 1.6"	5' 10.5"	7' 3.7"	11' 9.1"	57' 11.4"	INF	INF
5' 0"	N	4' 2.1"	3' 11.1"	3' 7.2"	3' 3"	2' 10.2"	2' 5.8"	2' 0.8"	1' 8.9"
	F	6' 3.4"	7' 0.2"	8' 6.4"	12' 1.6"	35' 0"	INF	INF	INF
6' 0"	N	4' 9.9"	4' 5.8"	4' 0.7"	3' 7.4"	3' 1.4"	2' 8.1"	2' 2.2"	1' 9.8"
	F	8' 0.1"	9' 3.3"	12' 2.8"	21' 8.2"	INF	INF	INF	INF
7' 0"	N	5' 5.2"	4' 12"	4' 5.6"	3' 11.1"	3' 4"	2' 9.9"	2' 3.4"	1' 10.6"
	F	9' 11.6"	12' 0.7"	17' 8.7"	49' 7.1"	INF	INF	INF	INF
10' 0"	N	7' 0.3"	6' 3.5"	5' 5.4"	4' 7.7"	3' 9.9"	3' 1.8"	2' 5.7"	1' 12"
	F	17' 9.7"	26' 2"	92' 5.6"	INF	INF	INF	INF	INF
15' 0"	N	9' 1"	7' 10.5"	6' 6.9"	5' 5"	4' 3.7"	3' 5.6"	2' 7.8"	2' 1.2"
	F	45' 11"	295' 2.6"	INF	INF	INF	INF	INF	INF
30' 0"	N	12' 10.3"	10' 6.2"	8' 3.4"	6' 5.9"	4' 11.3"	3' 10.1"	2' 10.2"	2' 2.6"
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	22' 0.1"	15' 9.9"	11' 2.3"	8' 1.2"	5' 9.4"	4' 3.7"	3' 0.9"	2' 4.1"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
30' 9.7"	22' 1.4"	15' 7.0"	11' 3.0"	7' 11.7"	5' 10.9"	4' 2.0"	3' 1.4"

U	Feet	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
9"	N	0' 8.9"	0' 8.9"	0' 8.9"	0' 8.8"	0' 8.7"	0' 8.6"	0' 8.5"	0' 8.3"
	F	0' 9.1"	0' 9.1"	0' 9.1"	0' 9.2"	0' 9.3"	0' 9.4"	0' 9.6"	0' 9.9"
10"	N	0' 9.9"	0' 9.9"	0' 9.8"	0' 9.7"	0' 9.6"	0' 9.5"	0' 9.3"	0' 9.1"
	F	0' 10.1"	0' 10.1"	0' 10.2"	0' 10.3"	0' 10.4"	0' 10.6"	0' 10.9"	0' 11.4"
11"	N	0' 10.9"	0' 10.8"	0' 10.7"	0' 10.6"	0' 10.5"	0' 10.3"	0' 10"	0' 9.8"
	F	0' 11.1"	0' 11.2"	0' 11.3"	0' 11.4"	0' 11.6"	0' 11.9"	1' 0.3"	1' 1"
12"	N	0' 11.8"	0' 11.8"	0' 11.7"	0' 11.5"	0' 11.3"	0' 11.1"	0' 10.8"	0' 10.4"
	F	1' 0.2"	1' 0.3"	1' 0.4"	1' 0.5"	1' 0.8"	1' 1.2"	1' 1.8"	1' 2.7"
13"	N	1' 0.8"	1' 0.7"	1' 0.6"	1' 0.4"	1' 0.2"	0' 11.9"	0' 11.5"	0' 11"
	F	1' 1.2"	1' 1.3"	1' 1.5"	1' 1.7"	1' 2"	1' 2.5"	1' 3.4"	1' 4.6"
14"	N	1' 1.7"	1' 1.6"	1' 1.5"	1' 1.3"	1' 1"	1' 0.6"	1' 0.2"	0' 11.6"
	F	1' 2.3"	1' 2.4"	1' 2.6"	1' 2.9"	1' 3.3"	1' 3.9"	1' 5"	1' 6.7"
15"	N	1' 2.7"	1' 2.5"	1' 2.3"	1' 2.1"	1' 1.8"	1' 1.4"	1' 0.8"	1' 0.2"
	F	1' 3.4"	1' 3.5"	1' 3.7"	1' 4.1"	1' 4.6"	1' 5.3"	1' 6.8"	1' 8.9"
16"	N	1' 3.6"	1' 3.4"	1' 3.2"	1' 2.9"	1' 2.6"	1' 2.1"	1' 1.4"	1' 0.7"
	F	1' 4.4"	1' 4.6"	1' 4.9"	1' 5.3"	1' 5.9"	1' 6.8"	1' 8.6"	1' 11.5"
17"	N	1' 4.5"	1' 4.4"	1' 4.1"	1' 3.8"	1' 3.3"	1' 2.8"	1' 2"	1' 1.3"
	F	1' 5.5"	1' 5.7"	1' 6"	1' 6.5"	1' 7.3"	1' 8.4"	1' 10.6"	2' 2.2"
18"	N	1' 5.5"	1' 5.3"	1' 5"	1' 4.6"	1' 4.1"	1' 3.5"	1' 2.6"	1' 1.7"
	F	1' 6.6"	1' 6.8"	1' 7.2"	1' 7.8"	1' 8.7"	1' 10"	2' 0.7"	2' 5.3"
19"	N	1' 6.4"	1' 6.1"	1' 5.8"	1' 5.4"	1' 4.8"	1' 4.1"	1' 3.2"	1' 2.2"
	F	1' 7.7"	1' 8"	1' 8.4"	1' 9.1"	1' 10.1"	1' 11.7"	2' 3"	2' 8.8"
20"	N	1' 7.3"	1' 7"	1' 6.7"	1' 6.2"	1' 5.5"	1' 4.8"	1' 3.7"	1' 2.7"
	F	1' 8.8"	1' 9.1"	1' 9.6"	1' 10.4"	1' 11.6"	2' 1.4"	2' 5.4"	3' 0.7"
22"	N	1' 9.1"	1' 8.8"	1' 8.3"	1' 7.7"	1' 6.9"	1' 6"	1' 4.8"	1' 3.5"
	F	1' 11"	1' 11.4"	2' 0.1"	2' 1.1"	2' 2.7"	2' 5.2"	2' 10.9"	3' 10.3"
2' 0"	N	1' 10.9"	1' 10.5"	1' 9.9"	1' 9.2"	1' 8.3"	1' 7.2"	1' 5.7"	1' 4.3"
	F	2' 1.2"	2' 1.7"	2' 2.6"	2' 3.8"	2' 6"	2' 9.3"	3' 5.2"	4' 11.3"
2' 3"	N	2' 1.6"	2' 1.1"	2' 0.3"	1' 11.4"	1' 10.2"	1' 8.9"	1' 7.1"	1' 5.4"
	F	2' 4.6"	2' 5.3"	2' 6.5"	2' 8.2"	2' 11.3"	3' 4.2"	4' 5.1"	7' 6.3"
2' 6"	N	2' 4.2"	2' 3.5"	2' 2.6"	2' 1.5"	2' 0"	1' 10.5"	1' 8.3"	1' 6.4"
	F	2' 8.1"	2' 9"	2' 10.6"	3' 0.9"	3' 5.1"	4' 0.2"	5' 9.2"	12' 11.9"
2' 9"	N	2' 6.8"	2' 6"	2' 4.9"	2' 3.5"	2' 1.8"	1' 11.9"	1' 9.5"	1' 7.2"
	F	2' 11.6"	3' 0.8"	3' 2.8"	3' 5.8"	3' 11.5"	4' 9.7"	7' 7.9"	32' 1.6"
3' 0"	N	2' 9.3"	2' 8.4"	2' 7.1"	2' 5.5"	2' 3.4"	2' 1.3"	1' 10.5"	1' 8"
	F	3' 3.2"	3' 4.7"	3' 7.2"	3' 11.1"	4' 6.6"	5' 8.9"	10' 6.6"	INF
3' 6"	N	3' 2.3"	3' 1"	2' 11.2"	2' 9.1"	2' 6.5"	2' 3.8"	2' 0.4"	1' 9.4"
	F	3' 10.6"	4' 0.8"	4' 4.6"	4' 10.7"	5' 11.5"	8' 3.4"	26' 1.1"	INF
4' 0"	N	3' 7.1"	3' 5.4"	3' 3.2"	3' 0.6"	2' 9.3"	2' 6.1"	2' 2"	1' 10.6"
	F	4' 6.3"	4' 9.4"	5' 2.8"	6' 0.1"	7' 9"	12' 4.8"	INF	INF
5' 0"	N	4' 4.3"	4' 1.8"	3' 10.4"	3' 6.7"	3' 2.2"	2' 9.8"	2' 4.7"	2' 0.4"
	F	5' 10.7"	6' 4.2"	7' 2.5"	8' 9.7"	13' 4.9"	41' 0.6"	INF	INF
6' 0"	N	5' 0.9"	4' 9.5"	4' 5"	4' 0.1"	3' 6.3"	3' 1"	2' 6.7"	2' 1.8"
	F	7' 4.4"	8' 1.5"	9' 7.4"	12' 9.7"	26' 1.7"	INF	INF	INF
7' 0"	N	5' 9.1"	5' 4.6"	4' 10.9"	4' 4.8"	3' 9.9"	3' 3.5"	2' 8.4"	2' 2.9"
	F	8' 11.7"	10' 1.7"	12' 7.6"	18' 11.3"	81' 5.3"	INF	INF	INF
10' 0"	N	7' 7.2"	6' 11.3"	6' 1.8"	5' 4.3"	4' 6"	3' 9.2"	2' 11.9"	2' 5.2"
	F	14' 9.5"	18' 4.6"	29' 1"	138' 3.1"	INF	INF	INF	INF
15' 0"	N	10' 1.2"	8' 11.4"	7' 7.9"	6' 5.2"	5' 2.6"	4' 2.9"	3' 3.3"	2' 7.2"
	F	29' 10"	49' 10.9"	INF	INF	INF	INF	INF	INF
30' 0"	N	15' 0.7"	12' 7.1"	10' 1.6"	8' 0.8"	6' 2.5"	4' 10.3"	3' 7.3"	2' 9.5"
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	29' 7.1"	21' 2.8"	14' 11.7"	10' 9.6"	7' 8"	5' 8.1"	4' 0.2"	3' 0.2"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
43' 6.0"	31' 2.4"	21' 11.4"	15' 9.4"	11' 1.9"	8' 2.4"	5' 8.9"	4' 3.2"

U	Feet	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
9"	N	0' 8.9"	0' 8.9"	0' 8.9"	0' 8.9"	0' 8.8"	0' 8.7"	0' 8.6"	0' 8.5"
	F	0' 9.1"	0' 9.1"	0' 9.1"	0' 9.1"	0' 9.2"	0' 9.3"	0' 9.5"	0' 9.6"
10"	N	0' 9.9"	0' 9.9"	0' 9.9"	0' 9.8"	0' 9.7"	0' 9.6"	0' 9.5"	0' 9.3"
	F	0' 10.1"	0' 10.1"	0' 10.2"	0' 10.2"	0' 10.3"	0' 10.4"	0' 10.7"	0' 11"
11"	N	0' 10.9"	0' 10.9"	0' 10.8"	0' 10.7"	0' 10.6"	0' 10.5"	0' 10.3"	0' 10"
	F	0' 11.1"	0' 11.1"	0' 11.2"	0' 11.3"	0' 11.4"	0' 11.6"	0' 11.9"	1' 0.4"
12"	N	0' 11.9"	0' 11.8"	0' 11.7"	0' 11.6"	0' 11.5"	0' 11.3"	0' 11.1"	0' 10.8"
	F	1' 0.1"	1' 0.2"	1' 0.3"	1' 0.4"	1' 0.6"	1' 0.8"	1' 1.2"	1' 1.8"
13"	N	1' 0.8"	1' 0.8"	1' 0.7"	1' 0.6"	1' 0.4"	1' 0.2"	0' 11.8"	0' 11.5"
	F	1' 1.2"	1' 1.2"	1' 1.4"	1' 1.5"	1' 1.7"	1' 2"	1' 2.6"	1' 3.4"
14"	N	1' 1.8"	1' 1.7"	1' 1.6"	1' 1.4"	1' 1.2"	1' 1"	1' 0.6"	1' 0.1"
	F	1' 2.2"	1' 2.3"	1' 2.4"	1' 2.6"	1' 2.9"	1' 3.3"	1' 4"	1' 5"
15"	N	1' 2.8"	1' 2.7"	1' 2.5"	1' 2.3"	1' 2.1"	1' 1.8"	1' 1.3"	1' 0.8"
	F	1' 3.3"	1' 3.4"	1' 3.5"	1' 3.8"	1' 4.1"	1' 4.6"	1' 5.5"	1' 6.8"
16"	N	1' 3.7"	1' 3.6"	1' 3.4"	1' 3.2"	1' 2.9"	1' 2.6"	1' 2"	1' 1.4"
	F	1' 4.3"	1' 4.4"	1' 4.6"	1' 4.9"	1' 5.3"	1' 5.9"	1' 7"	1' 8.6"
17"	N	1' 4.7"	1' 4.5"	1' 4.3"	1' 4.1"	1' 3.7"	1' 3.3"	1' 2.7"	1' 2"
	F	1' 5.4"	1' 5.5"	1' 5.7"	1' 6.1"	1' 6.6"	1' 7.3"	1' 8.6"	1' 10.6"
18"	N	1' 5.6"	1' 5.5"	1' 5.2"	1' 4.9"	1' 4.5"	1' 4.1"	1' 3.4"	1' 2.6"
	F	1' 6.4"	1' 6.6"	1' 6.9"	1' 7.2"	1' 7.9"	1' 8.7"	1' 10.3"	2' 0.7"
19"	N	1' 6.5"	1' 6.4"	1' 6.1"	1' 5.8"	1' 5.3"	1' 4.8"	1' 4"	1' 3.2"
	F	1' 7.5"	1' 7.7"	1' 8"	1' 8.4"	1' 9.1"	1' 10.1"	2' 0"	2' 2.9"
20"	N	1' 7.5"	1' 7.3"	1' 7"	1' 6.6"	1' 6.1"	1' 5.5"	1' 4.7"	1' 3.7"
	F	1' 8.5"	1' 8.8"	1' 9.1"	1' 9.6"	1' 10.5"	1' 11.6"	2' 1.8"	2' 5.3"
22"	N	1' 9.4"	1' 9.1"	1' 8.8"	1' 8.3"	1' 7.7"	1' 6.9"	1' 5.9"	1' 4.8"
	F	1' 10.7"	1' 11"	1' 11.5"	2' 0.1"	2' 1.2"	2' 2.7"	2' 5.7"	2' 10.6"
2' 0"	N	1' 11.2"	1' 10.9"	1' 10.5"	1' 9.9"	1' 9.2"	1' 8.3"	1' 7"	1' 5.8"
	F	2' 0.9"	2' 1.2"	2' 1.8"	2' 2.6"	2' 4"	2' 5.9"	2' 9.9"	3' 4.9"
2' 3"	N	2' 2"	2' 1.6"	2' 1"	2' 0.3"	1' 11.3"	1' 10.3"	1' 8.7"	1' 7.1"
	F	2' 4.1"	2' 4.6"	2' 5.4"	2' 6.5"	2' 8.4"	2' 11.2"	3' 5.2"	4' 4.4"
2' 6"	N	2' 4.7"	2' 4.2"	2' 3.5"	2' 2.6"	2' 1.4"	2' 0.1"	1' 10.2"	1' 8.4"
	F	2' 7.5"	2' 8.1"	2' 9.1"	2' 10.6"	3' 1.1"	3' 4.9"	4' 1.6"	5' 7.8"
2' 9"	N	2' 7.4"	2' 6.8"	2' 5.9"	2' 4.9"	2' 3.4"	2' 1.9"	1' 11.7"	1' 9.6"
	F	2' 10.8"	2' 11.6"	3' 0.9"	3' 2.8"	3' 6.1"	3' 11.2"	4' 11.6"	7' 5.2"
3' 0"	N	2' 10"	2' 9.3"	2' 8.3"	2' 7"	2' 5.4"	2' 3.5"	2' 1"	1' 10.6"
	F	3' 2.3"	3' 3.2"	3' 4.8"	3' 7.2"	3' 11.4"	4' 6.2"	5' 11.8"	10' 1.1"
3' 6"	N	3' 3.3"	3' 2.3"	3' 0.9"	2' 11.2"	2' 9"	2' 6.6"	2' 3.5"	2' 0.5"
	F	3' 9.2"	3' 10.7"	4' 1"	4' 4.6"	4' 11.2"	5' 10.6"	8' 9.4"	23' 1.5"
4' 0"	N	3' 8.4"	3' 7.1"	3' 5.3"	3' 3.2"	3' 0.4"	2' 9.5"	2' 5.6"	2' 2.2"
	F	4' 4.4"	4' 6.3"	4' 9.7"	5' 2.9"	6' 0.8"	7' 7.4"	13' 6.8"	793' 1.9"
5' 0"	N	4' 6.3"	4' 4.3"	4' 1.6"	3' 10.4"	3' 6.5"	3' 2.4"	2' 9.3"	2' 4.9"
	F	5' 7.2"	5' 10.7"	6' 4.6"	7' 2.4"	8' 11.3"	12' 11.5"	57' 1.6"	INF
6' 0"	N	5' 3.7"	5' 1"	4' 9.3"	4' 5"	3' 11.8"	3' 6.6"	3' 0.3"	2' 7"
	F	6' 10.9"	7' 4.4"	8' 2.1"	9' 7.2"	13' 0.9"	24' 4.3"	INF	INF
7' 0"	N	6' 0.8"	5' 9.2"	5' 4.4"	4' 11"	4' 4.5"	3' 10.3"	3' 2.8"	2' 8.8"
	F	8' 3.6"	8' 11.6"	10' 2.7"	12' 7.2"	19' 6.3"	65' 8.2"	INF	INF
10' 0"	N	8' 1.9"	7' 7.2"	6' 10.9"	6' 1.9"	5' 3.8"	4' 6.6"	3' 8.3"	3' 0.4"
	F	12' 11.8"	14' 9.2"	18' 7.6"	28' 9.9"	174' 3"	INF	INF	INF
15' 0"	N	11' 1.7"	10' 1.4"	8' 10.7"	7' 8.1"	6' 4.6"	5' 3.5"	4' 1.8"	3' 3.9"
	F	23' 1.8"	29' 8.1"	51' 8.9"	INF	INF	INF	INF	INF
30' 0"	N	17' 6.9"	15' 1.2"	12' 5.9"	10' 2"	7' 11.8"	6' 3.8"	4' 8.8"	3' 8"
	F	106' 9.8"	INF	INF	INF	INF	INF	INF	INF
INF	N	41' 6.7"	29' 9.4"	20' 11.5"	15' 0.8"	10' 7.8"	7' 10.1"	5' 6"	4' 1.2"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
50' 8.3"	36' 3.8"	25' 6.3"	18' 4.1"	12' 11.1"	9' 5.8"	6' 7.5"	4' 11.1"

U	Feet	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
10"	N	0' 9.9"	0' 9.9"	0' 9.9"	0' 9.8"	0' 9.7"	0' 9.7"	0' 9.5"	0' 9.4"
	F	0' 10.1"	0' 10.1"	0' 10.1"	0' 10.2"	0' 10.3"	0' 10.4"	0' 10.6"	0' 10.8"
11"	N	0' 10.9"	0' 10.9"	0' 10.8"	0' 10.8"	0' 10.7"	0' 10.5"	0' 10.3"	0' 10.1"
	F	0' 11.1"	0' 11.1"	0' 11.2"	0' 11.3"	0' 11.4"	0' 11.5"	0' 11.8"	1' 0.2"
12"	N	0' 11.9"	0' 11.8"	0' 11.8"	0' 11.7"	0' 11.6"	0' 11.4"	0' 11.2"	0' 10.9"
	F	1' 0.1"	1' 0.2"	1' 0.2"	1' 0.3"	1' 0.5"	1' 0.7"	1' 1.1"	1' 1.6"
13"	N	1' 0.9"	1' 0.8"	1' 0.7"	1' 0.6"	1' 0.4"	1' 0.3"	0' 12"	0' 11.6"
	F	1' 1.2"	1' 1.2"	1' 1.3"	1' 1.4"	1' 1.6"	1' 1.9"	1' 2.4"	1' 3"
14"	N	1' 1.8"	1' 1.8"	1' 1.6"	1' 1.5"	1' 1.3"	1' 1.1"	1' 0.7"	1' 0.3"
	F	1' 2.2"	1' 2.3"	1' 2.4"	1' 2.5"	1' 2.8"	1' 3.1"	1' 3.7"	1' 4.5"
15"	N	1' 2.8"	1' 2.7"	1' 2.6"	1' 2.4"	1' 2.2"	1' 1.9"	1' 1.5"	1' 1"
	F	1' 3.2"	1' 3.3"	1' 3.5"	1' 3.7"	1' 4"	1' 4.4"	1' 5.1"	1' 6.1"
16"	N	1' 3.7"	1' 3.6"	1' 3.5"	1' 3.3"	1' 3"	1' 2.7"	1' 2.2"	1' 1.7"
	F	1' 4.3"	1' 4.4"	1' 4.5"	1' 4.8"	1' 5.1"	1' 5.6"	1' 6.5"	1' 7.8"
17"	N	1' 4.7"	1' 4.6"	1' 4.4"	1' 4.2"	1' 3.9"	1' 3.5"	1' 2.9"	1' 2.3"
	F	1' 5.3"	1' 5.4"	1' 5.6"	1' 5.9"	1' 6.4"	1' 6.9"	1' 8"	1' 9.6"
18"	N	1' 5.7"	1' 5.5"	1' 5.3"	1' 5.1"	1' 4.7"	1' 4.3"	1' 3.7"	1' 3"
	F	1' 6.4"	1' 6.5"	1' 6.7"	1' 7.1"	1' 7.6"	1' 8.3"	1' 9.6"	1' 11.4"
19"	N	1' 6.6"	1' 6.5"	1' 6.2"	1' 5.9"	1' 5.5"	1' 5.1"	1' 4.3"	1' 3.6"
	F	1' 7.4"	1' 7.6"	1' 7.9"	1' 8.2"	1' 8.8"	1' 9.6"	1' 11.1"	2' 1.4"
20"	N	1' 7.6"	1' 7.4"	1' 7.1"	1' 6.8"	1' 6.4"	1' 5.8"	1' 5"	1' 4.2"
	F	1' 8.5"	1' 8.7"	1' 9"	1' 9.4"	1' 10.1"	1' 11"	2' 0.8"	2' 3.4"
22"	N	1' 9.4"	1' 9.2"	1' 8.9"	1' 8.5"	1' 7.9"	1' 7.3"	1' 6.3"	1' 5.3"
	F	1' 10.6"	1' 10.8"	1' 11.2"	1' 11.8"	2' 0.7"	2' 1.9"	2' 4.3"	2' 7.9"
2' 0"	N	1' 11.3"	1' 11"	1' 10.7"	1' 10.2"	1' 9.5"	1' 8.7"	1' 7.6"	1' 6.4"
	F	2' 0.7"	2' 1.1"	2' 1.5"	2' 2.2"	2' 3.3"	2' 4.9"	2' 8"	3' 1"
2' 3"	N	2' 2.1"	2' 1.8"	2' 1.3"	2' 0.6"	1' 11.8"	1' 10.8"	1' 9.3"	1' 7.9"
	F	2' 4"	2' 4.4"	2' 5"	2' 6"	2' 7.5"	2' 9.7"	3' 2.2"	3' 9.8"
2' 6"	N	2' 4.9"	2' 4.4"	2' 3.8"	2' 3"	2' 2"	2' 0.8"	1' 11"	1' 9.3"
	F	2' 7.3"	2' 7.8"	2' 8.6"	2' 9.8"	2' 11.9"	3' 2.8"	3' 9.2"	4' 8.8"
2' 9"	N	2' 7.6"	2' 7.1"	2' 6.3"	2' 5.4"	2' 4.1"	2' 2.6"	2' 0.6"	1' 10.6"
	F	2' 10.6"	2' 11.2"	3' 0.3"	3' 1.9"	3' 4.5"	3' 8.4"	4' 5.2"	5' 10.6"
3' 0"	N	2' 10.3"	2' 9.7"	2' 8.8"	2' 7.6"	2' 6.1"	2' 4.4"	2' 2.1"	1' 11.8"
	F	3' 1.9"	3' 2.7"	3' 4.1"	3' 6"	3' 9.3"	4' 2.4"	5' 2.3"	7' 4.5"
3' 6"	N	3' 3.6"	3' 2.8"	3' 1.5"	3' 0"	2' 10"	2' 7.8"	2' 4.8"	2' 1.9"
	F	3' 8.7"	3' 9.9"	3' 11.8"	4' 2.7"	4' 7.8"	5' 4"	7' 1.6"	12' 3.4"
4' 0"	N	3' 8.9"	3' 7.7"	3' 6.1"	3' 4.2"	3' 1.6"	2' 10.9"	2' 7.2"	2' 3.9"
	F	4' 3.7"	4' 5.3"	4' 8"	5' 0.1"	5' 7.6"	6' 8.4"	9' 10.9"	24' 6.9"
5' 0"	N	4' 7"	4' 5.3"	4' 2.9"	3' 12"	3' 8.3"	3' 4.5"	2' 11.5"	2' 7"
	F	5' 6.1"	5' 8.9"	6' 1.6"	6' 9.1"	7' 11.9"	10' 5.1"	21' 9.1"	INF
6' 0"	N	5' 4.8"	5' 2.3"	4' 11"	4' 7.1"	4' 2.2"	3' 9.2"	3' 3"	2' 9.6"
	F	6' 9.1"	7' 1.5"	7' 9.1"	8' 9.7"	11' 1.1"	16' 6.8"	107' 11.4"	INF
7' 0"	N	6' 2.2"	5' 11"	5' 6.6"	5' 1.6"	4' 7.4"	4' 1.4"	3' 5.9"	2' 11.7"
	F	8' 0.9"	8' 7.3"	9' 6.8"	11' 2.9"	15' 4.1"	28' 7.7"	INF	INF
10' 0"	N	8' 4.6"	7' 10.6"	7' 2.8"	6' 6.3"	5' 8.4"	4' 11.2"	4' 0.6"	3' 4.2"
	F	12' 5.1"	13' 9.3"	16' 5.8"	22' 5"	49' 6"	INF	INF	INF
15' 0"	N	11' 7"	10' 7.5"	9' 5.5"	8' 3.1"	6' 11.5"	5' 9.9"	4' 7.4"	3' 8.6"
	F	21' 4.8"	25' 10.3"	37' 8.7"	98' 8.8"	INF	INF	INF	INF
30' 0"	N	18' 8.7"	16' 3.6"	13' 8"	11' 3.1"	8' 11.2"	7' 1.5"	5' 4.4"	4' 2.1"
	F	76' 12"	209' 8.2"	INF	INF	INF	INF	INF	INF
INF	N	48' 10.3"	34' 12"	24' 7.2"	17' 8"	12' 5.7"	9' 2"	6' 4.9"	4' 9"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

32mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
71' 1.1"	50' 10.6"	35' 8.7"	25' 7.5"	18' 0.5"	13' 2.7"	9' 2.6"	6' 9.5"

U Feet		Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
12"	N	0' 11.9"	0' 11.9"	0' 11.8"	0' 11.8"	0' 11.7"	0' 11.6"	0' 11.4"	0' 11.2"
	F	1' 0.1"	1' 0.1"	1' 0.2"	1' 0.2"	1' 0.3"	1' 0.4"	1' 0.7"	1' 1"
13"	N	1' 0.9"	1' 0.9"	1' 0.8"	1' 0.7"	1' 0.6"	1' 0.5"	1' 0.3"	1' 0"
	F	1' 1.1"	1' 1.1"	1' 1.2"	1' 1.3"	1' 1.4"	1' 1.6"	1' 1.9"	1' 2.2"
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"
	F	1' 2.1"	1' 2.2"	1' 2.2"	1' 2.4"	1' 2.5"	1' 2.7"	1' 3.1"	1' 3.6"
15"	N	1' 2.9"	1' 2.8"	1' 2.7"	1' 2.6"	1' 2.4"	1' 2.3"	1' 1.9"	1' 1.6"
	F	1' 3.1"	1' 3.2"	1' 3.3"	1' 3.4"	1' 3.6"	1' 3.9"	1' 4.3"	1' 4.9"
16"	N	1' 3.8"	1' 3.8"	1' 3.7"	1' 3.5"	1' 3.3"	1' 3.1"	1' 2.8"	1' 2.4"
	F	1' 4.2"	1' 4.3"	1' 4.4"	1' 4.5"	1' 4.7"	1' 5.1"	1' 5.6"	1' 6.3"
17"	N	1' 4.8"	1' 4.7"	1' 4.6"	1' 4.4"	1' 4.2"	1' 4"	1' 3.5"	1' 3.1"
	F	1' 5.2"	1' 5.3"	1' 5.4"	1' 5.6"	1' 5.9"	1' 6.2"	1' 6.9"	1' 7.8"
18"	N	1' 5.8"	1' 5.7"	1' 5.5"	1' 5.4"	1' 5.1"	1' 4.8"	1' 4.3"	1' 3.8"
	F	1' 6.2"	1' 6.3"	1' 6.5"	1' 6.7"	1' 7"	1' 7.5"	1' 8.2"	1' 9.3"
19"	N	1' 6.7"	1' 6.6"	1' 6.5"	1' 6.3"	1' 6"	1' 5.6"	1' 5.1"	1' 4.5"
	F	1' 7.3"	1' 7.4"	1' 7.6"	1' 7.8"	1' 8.2"	1' 8.7"	1' 9.6"	1' 10.8"
20"	N	1' 7.7"	1' 7.6"	1' 7.4"	1' 7.2"	1' 6.8"	1' 6.5"	1' 5.9"	1' 5.2"
	F	1' 8.3"	1' 8.4"	1' 8.6"	1' 8.9"	1' 9.4"	1' 9.9"	1' 11"	2' 0.4"
22"	N	1' 9.6"	1' 9.5"	1' 9.2"	1' 9"	1' 8.6"	1' 8.1"	1' 7.3"	1' 6.5"
	F	1' 10.4"	1' 10.6"	1' 10.8"	1' 11.2"	1' 11.7"	2' 0.5"	2' 1.9"	2' 3.8"
2' 0"	N	1' 11.5"	1' 11.3"	1' 11.1"	1' 10.7"	1' 10.2"	1' 9.6"	1' 8.8"	1' 7.8"
	F	2' 0.5"	2' 0.7"	2' 1"	2' 1.5"	2' 2.2"	2' 3.1"	2' 4.9"	2' 7.4"
2' 3"	N	2' 2.4"	2' 2.1"	2' 1.8"	2' 1.3"	2' 0.7"	1' 11.9"	1' 10.8"	1' 9.6"
	F	2' 3.7"	2' 3.9"	2' 4.4"	2' 5"	2' 5.9"	2' 7.2"	2' 9.7"	3' 1.3"
2' 6"	N	2' 5.2"	2' 4.9"	2' 4.5"	2' 3.9"	2' 3.1"	2' 2.2"	2' 0.8"	1' 11.3"
	F	2' 6.8"	2' 7.2"	2' 7.8"	2' 8.5"	2' 9.8"	2' 11.5"	3' 2.9"	3' 8"
2' 9"	N	2' 8"	2' 7.6"	2' 7.1"	2' 6.4"	2' 5.4"	2' 4.3"	2' 2.6"	2' 0.9"
	F	2' 10.1"	2' 10.5"	2' 11.2"	3' 0.2"	3' 1.8"	3' 4"	3' 8.5"	4' 3.6"
3' 0"	N	2' 10.8"	2' 10.3"	2' 9.7"	2' 8.9"	2' 7.7"	2' 6.4"	2' 4.4"	2' 2.5"
	F	3' 1.3"	3' 1.8"	3' 2.7"	3' 3.9"	3' 5.9"	3' 8.7"	4' 2.5"	5' 0.2"
3' 6"	N	3' 4.3"	3' 3.7"	3' 2.8"	3' 1.7"	3' 0.1"	2' 10.3"	2' 7.8"	2' 5.3"
	F	3' 7.8"	3' 8.6"	3' 9.9"	3' 11.6"	4' 2.6"	4' 7"	5' 4.4"	6' 9.6"
4' 0"	N	3' 9.8"	3' 8.9"	3' 7.8"	3' 6.3"	3' 4.3"	3' 2"	2' 10.9"	2' 7.8"
	F	4' 2.5"	4' 3.6"	4' 5.3"	4' 7.7"	4' 12"	5' 6.3"	6' 9"	9' 3.3"
4' 6"	N	4' 3.1"	4' 2.1"	4' 0.6"	3' 10.8"	3' 8.3"	3' 5.5"	3' 1.7"	2' 10.1"
	F	4' 9.2"	4' 10.6"	5' 0.9"	5' 4.2"	5' 10"	6' 7.1"	8' 5.4"	12' 11.5"
5' 0"	N	4' 8.4"	4' 7.2"	4' 5.3"	4' 3.1"	4' 0.1"	3' 8.8"	3' 4.4"	3' 0.2"
	F	5' 4.1"	5' 5.9"	5' 8.8"	6' 1.1"	6' 8.9"	7' 9.4"	10' 6.9"	18' 11.9"
5' 6"	N	5' 1.7"	5' 0.1"	4' 9.9"	4' 7.3"	4' 3.7"	3' 11.9"	3' 6.8"	3' 2.1"
	F	5' 11"	6' 1.3"	6' 5"	6' 10.5"	7' 8.6"	9' 1.7"	13' 4"	30' 8.1"
6' 0"	N	5' 6.8"	5' 5"	5' 2.4"	4' 11.3"	4' 7.2"	4' 2.9"	3' 9.1"	3' 3.8"
	F	6' 6.1"	6' 8.9"	7' 1.4"	7' 8.4"	8' 9.4"	10' 8.4"	17' 0.3"	62' 11.8"
7' 0"	N	6' 5"	6' 2.5"	5' 11.1"	5' 7"	5' 1.7"	4' 8.3"	4' 1.2"	3' 6.9"
	F	7' 8.6"	8' 0.5"	8' 7.2"	9' 5.7"	11' 2.6"	14' 7.3"	30' 1.7"	INF
8' 0"	N	7' 2.8"	6' 11.6"	6' 7.3"	6' 2.2"	5' 7.7"	5' 1.2"	4' 4.8"	3' 9.5"
	F	8' 11.5"	9' 5"	10' 2.3"	11' 5.6"	14' 1.8"	20' 1.5"	71' 6"	INF
10' 0"	N	8' 9.8"	8' 5"	7' 10.7"	7' 3.4"	6' 6.4"	5' 9.6"	4' 10.8"	4' 1.8"
	F	11' 6.9"	12' 4.3"	13' 9.1"	16' 2.9"	22' 4.2"	42' 8.3"	INF	INF
12' 0"	N	10' 3.8"	9' 9.3"	9' 0.7"	8' 3.1"	7' 3.6"	6' 4.7"	5' 3.7"	4' 5.2"
	F	14' 4.4"	15' 7.4"	17' 11.5"	22' 5.8"	36' 4.8"	169' 2.7"	INF	INF
15' 0"	N	12' 5.2"	11' 7.7"	10' 7.6"	9' 6.5"	8' 3.3"	7' 1.4"	5' 9.4"	4' 9"
	F	18' 11.4"	21' 2.4"	25' 9.9"	36' 6.2"	98' 1.1"	INF	INF	INF
20' 0"	N	15' 7.8"	14' 4.9"	12' 10.5"	11' 3.5"	9' 6.6"	8' 0.2"	6' 4.3"	5' 1.4"
	F	27' 9.8"	33' 0.1"	45' 11.5"	97' 1.7"	INF	INF	INF	INF
30' 0"	N	21' 1.3"	18' 10.6"	16' 3.8"	13' 10"	11' 3.3"	9' 2.3"	7' 0.7"	5' 6.6"
	F	52' 3.1"	74' 6.5"	208' 10.4"	INF	INF	INF	INF	INF
60' 0"	N	32' 4.8"	27' 4.7"	22' 3.2"	17' 10.1"	13' 9.3"	10' 9.1"	7' 11.1"	6' 0.7"
	F	431' 5.3"	INF	INF	INF	INF	INF	INF	INF
INF	N	69' 8.3"	49' 10.6"	35' 0.4"	25' 1.5"	17' 8.4"	12' 11.7"	9' 0.4"	6' 8.1"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

35mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
84' 11.7"	60' 9.5"	42' 7.8"	30' 6.9"	21' 6.3"	15' 9.0"	10' 11.1"	8' 0.5"

U	Feet	Depth of field							
		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' 1.8"	1' 1.7"	1' 1.6"	1' 1.5"	1' 1.2"	1' 1"
	F	1' 2.1"	1' 2.1"	1' 2.2"	1' 2.3"	1' 2.4"	1' 2.6"	1' 2.9"	1' 3.3"
15"	N	1' 2.9"	1' 2.8"	1' 2.8"	1' 2.7"	1' 2.5"	1' 2.3"	1' 2.1"	1' 1.8"
	F	1' 3.1"	1' 3.2"	1' 3.3"	1' 3.4"	1' 3.5"	1' 3.7"	1' 4.1"	1' 4.6"
16"	N	1' 3.9"	1' 3.8"	1' 3.7"	1' 3.6"	1' 3.4"	1' 3.2"	1' 2.9"	1' 2.5"
	F	1' 4.2"	1' 4.2"	1' 4.3"	1' 4.4"	1' 4.6"	1' 4.9"	1' 5.4"	1' 5.9"
17"	N	1' 4.8"	1' 4.8"	1' 4.7"	1' 4.5"	1' 4.3"	1' 4.1"	1' 3.7"	1' 3.3"
	F	1' 5.2"	1' 5.3"	1' 5.4"	1' 5.5"	1' 5.8"	1' 6.1"	1' 6.6"	1' 7.3"
18"	N	1' 5.8"	1' 5.7"	1' 5.6"	1' 5.4"	1' 5.2"	1' 5"	1' 4.5"	1' 4.1"
	F	1' 6.2"	1' 6.3"	1' 6.4"	1' 6.6"	1' 6.9"	1' 7.2"	1' 7.9"	1' 8.7"
19"	N	1' 6.8"	1' 6.7"	1' 6.5"	1' 6.4"	1' 6.1"	1' 5.8"	1' 5.3"	1' 4.8"
	F	1' 7.2"	1' 7.3"	1' 7.5"	1' 7.7"	1' 8"	1' 8.4"	1' 9.2"	1' 10.1"
20"	N	1' 7.7"	1' 7.6"	1' 7.5"	1' 7.3"	1' 7"	1' 6.7"	1' 6.1"	1' 5.5"
	F	1' 8.3"	1' 8.4"	1' 8.6"	1' 8.8"	1' 9.1"	1' 9.6"	1' 10.5"	1' 11.6"
22"	N	1' 9.7"	1' 9.5"	1' 9.3"	1' 9.1"	1' 8.7"	1' 8.3"	1' 7.7"	1' 6.9"
	F	1' 10.3"	1' 10.5"	1' 10.7"	1' 11"	1' 11.5"	2' 0.1"	2' 1.2"	2' 2.7"
2' 0"	N	1' 11.6"	1' 11.4"	1' 11.2"	1' 10.9"	1' 10.5"	1' 10"	1' 9.2"	1' 8.3"
	F	2' 0.4"	2' 0.6"	2' 0.9"	2' 1.2"	2' 1.8"	2' 2.6"	2' 4"	2' 6"
2' 3"	N	2' 2.5"	2' 2.3"	2' 2"	2' 1.6"	2' 1"	2' 0.3"	1' 11.3"	1' 10.2"
	F	2' 3.6"	2' 3.8"	2' 4.2"	2' 4.6"	2' 5.4"	2' 6.5"	2' 8.4"	2' 11.2"
2' 6"	N	2' 5.3"	2' 5.1"	2' 4.7"	2' 4.2"	2' 3.5"	2' 2.7"	2' 1.4"	2' 0.1"
	F	2' 6.7"	2' 7"	2' 7.5"	2' 8.1"	2' 9.1"	2' 10.5"	3' 1.1"	3' 5"
2' 9"	N	2' 8.2"	2' 7.8"	2' 7.4"	2' 6.8"	2' 5.9"	2' 4.9"	2' 3.4"	2' 1.8"
	F	2' 9.9"	2' 10.3"	2' 10.8"	2' 11.7"	3' 0.9"	3' 2.7"	3' 6.2"	3' 11.3"
3' 0"	N	2' 11"	2' 10.6"	2' 10"	2' 9.3"	2' 8.3"	2' 7.1"	2' 5.3"	2' 3.5"
	F	3' 1.1"	3' 1.5"	3' 2.3"	3' 3.3"	3' 4.9"	3' 7.1"	3' 11.5"	4' 6.3"
3' 6"	N	3' 4.6"	3' 4"	3' 3.3"	3' 2.3"	3' 0.9"	2' 11.3"	2' 9"	2' 6.6"
	F	3' 7.5"	3' 8.2"	3' 9.2"	3' 10.7"	4' 1"	4' 4.4"	4' 11.3"	5' 10.7"
4' 0"	N	3' 10.1"	3' 9.4"	3' 8.4"	3' 7.1"	3' 5.3"	3' 3.3"	3' 0.4"	2' 9.5"
	F	4' 2.1"	4' 3"	4' 4.4"	4' 6.4"	4' 9.7"	5' 2.5"	6' 0.9"	7' 7.5"
4' 6"	N	4' 3.6"	4' 2.7"	4' 1.4"	3' 11.7"	3' 9.5"	3' 7"	3' 3.5"	3' 0.1"
	F	4' 8.7"	4' 9.9"	4' 11.7"	5' 2.4"	5' 6.9"	6' 1.6"	7' 4.7"	9' 10.5"
5' 0"	N	4' 9"	4' 7.9"	4' 6.3"	4' 4.3"	4' 1.6"	3' 10.6"	3' 6.5"	3' 2.4"
	F	5' 3.4"	5' 4.9"	5' 7.2"	5' 10.7"	6' 4.6"	7' 1.7"	8' 11.3"	12' 11.4"
5' 6"	N	5' 2.3"	5' 1"	4' 11.1"	4' 8.7"	4' 5.5"	4' 2"	3' 9.2"	3' 4.6"
	F	5' 10.2"	6' 0"	6' 3"	6' 7.3"	7' 3"	8' 3.1"	10' 9.6"	17' 4.4"
6' 0"	N	5' 7.6"	5' 6"	5' 3.7"	5' 1"	4' 9.3"	4' 5.3"	3' 11.8"	3' 6.7"
	F	6' 5.1"	6' 7.3"	6' 10.9"	7' 4.4"	8' 2.1"	9' 5.9"	13' 0.7"	24' 3.2"
7' 0"	N	6' 6"	6' 3.8"	6' 0.8"	5' 9.2"	5' 4.4"	4' 11.3"	4' 4.5"	3' 10.3"
	F	7' 7.1"	7' 10.3"	8' 3.5"	8' 11.6"	10' 2.6"	12' 4.8"	19' 5.4"	64' 7.2"
8' 0"	N	7' 4.2"	7' 1.4"	6' 9.5"	6' 5"	5' 11"	5' 4.8"	4' 8.7"	4' 1.5"
	F	8' 9.5"	9' 1.8"	9' 9.1"	10' 8.6"	12' 6.9"	16' 1.3"	30' 9.1"	INF
10' 0"	N	8' 11.8"	8' 7.6"	8' 1.9"	7' 7.3"	6' 11"	6' 2.5"	5' 3.9"	4' 6.7"
	F	11' 3.4"	11' 10.8"	12' 11.6"	14' 8.9"	18' 7"	27' 8.4"	165' 2.3"	INF
12' 0"	N	10' 6.6"	10' 0.9"	9' 5.1"	8' 8.3"	7' 9.4"	6' 10.8"	5' 9.7"	4' 10.8"
	F	13' 11.1"	14' 10.6"	16' 7.3"	19' 8"	27' 3.2"	53' 3.2"	INF	INF
15' 0"	N	12' 9.4"	12' 0.9"	11' 1.9"	10' 1.5"	8' 10.9"	7' 9.1"	6' 4.8"	5' 3.7"
	F	18' 2.1"	19' 10.3"	23' 1.1"	29' 6.6"	51' 2.3"	693' 8"	INF	INF
20' 0"	N	16' 2.6"	15' 1"	13' 7.9"	12' 1.7"	10' 5"	8' 10.3"	7' 1.4"	5' 9.4"
	F	26' 1.7"	29' 10"	37' 10.6"	59' 4.5"	418' 11.3"	INF	INF	INF
30' 0"	N	22' 2.1"	20' 1"	17' 7.4"	15' 1.7"	12' 6.3"	10' 3.9"	8' 0.2"	6' 4.2"
	F	46' 7.1"	59' 11.2"	105' 4.4"	INF	INF	INF	INF	INF
60' 0"	N	35' 0.2"	30' 0.6"	24' 9.4"	20' 1.4"	15' 8.6"	12' 4.5"	9' 2"	7' 0.4"
	F	213' 9.7"	INF	INF	INF	INF	INF	INF	INF
INF	N	83' 3.5"	59' 7.1"	41' 9.9"	29' 11.7"	21' 1.1"	15' 5.2"	10' 8.7"	7' 10.7"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

40mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
110' 10.3"	79' 3.2"	55' 6.9"	39' 9.6"	27' 11.4"	20' 5.3"	14' 1.7"	10' 4.4"

U Feet		Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
12"	N	0' 11.9"	0' 11.9"	0' 11.9"	0' 11.9"	0' 11.8"	0' 11.7"	0' 11.6"	0' 11.4"
	F	1' 0.1"	1' 0.1"	1' 0.1"	1' 0.2"	1' 0.2"	1' 0.3"	1' 0.5"	1' 0.6"
13"	N	1' 0.9"	1' 0.9"	1' 0.9"	1' 0.8"	1' 0.7"	1' 0.6"	1' 0.5"	1' 0.3"
	F	1' 1.1"	1' 1.1"	1' 1.1"	1' 1.2"	1' 1.3"	1' 1.4"	1' 1.6"	1' 1.8"
14"	N	1' 1.9"	1' 1.9"	1' 1.8"	1' 1.8"	1' 1.7"	1' 1.6"	1' 1.4"	1' 1.2"
	F	1' 2.1"	1' 2.1"	1' 2.2"	1' 2.2"	1' 2.3"	1' 2.5"	1' 2.7"	1' 3"
15"	N	1' 2.9"	1' 2.9"	1' 2.8"	1' 2.7"	1' 2.6"	1' 2.5"	1' 2.2"	1' 2"
	F	1' 3.1"	1' 3.1"	1' 3.2"	1' 3.3"	1' 3.4"	1' 3.6"	1' 3.9"	1' 4.2"
16"	N	1' 3.9"	1' 3.8"	1' 3.8"	1' 3.7"	1' 3.5"	1' 3.4"	1' 3.1"	1' 2.8"
	F	1' 4.1"	1' 4.2"	1' 4.2"	1' 4.3"	1' 4.5"	1' 4.7"	1' 5"	1' 5.5"
17"	N	1' 4.9"	1' 4.8"	1' 4.7"	1' 4.6"	1' 4.5"	1' 4.3"	1' 4"	1' 3.6"
	F	1' 5.1"	1' 5.2"	1' 5.3"	1' 5.4"	1' 5.6"	1' 5.8"	1' 6.2"	1' 6.8"
18"	N	1' 5.8"	1' 5.8"	1' 5.7"	1' 5.6"	1' 5.4"	1' 5.2"	1' 4.8"	1' 4.4"
	F	1' 6.2"	1' 6.2"	1' 6.3"	1' 6.5"	1' 6.7"	1' 7"	1' 7.4"	1' 8"
19"	N	1' 6.8"	1' 6.7"	1' 6.6"	1' 6.5"	1' 6.3"	1' 6"	1' 5.7"	1' 5.2"
	F	1' 7.2"	1' 7.3"	1' 7.4"	1' 7.5"	1' 7.8"	1' 8.1"	1' 8.7"	1' 9.4"
20"	N	1' 7.8"	1' 7.7"	1' 7.6"	1' 7.4"	1' 7.2"	1' 6.9"	1' 6.5"	1' 6"
	F	1' 8.2"	1' 8.3"	1' 8.4"	1' 8.6"	1' 8.9"	1' 9.2"	1' 9.9"	1' 10.7"
22"	N	1' 9.7"	1' 9.6"	1' 9.5"	1' 9.3"	1' 9"	1' 8.7"	1' 8.1"	1' 7.5"
	F	1' 10.3"	1' 10.4"	1' 10.5"	1' 10.8"	1' 11.1"	1' 11.6"	2' 0.4"	2' 1.5"
2' 0"	N	1' 11.7"	1' 11.6"	1' 11.4"	1' 11.1"	1' 10.8"	1' 10.4"	1' 9.7"	1' 9"
	F	2' 0.3"	2' 0.5"	2' 0.7"	2' 1"	2' 1.4"	2' 2"	2' 3"	2' 4.4"
2' 3"	N	2' 2.6"	2' 2.4"	2' 2.2"	2' 1.9"	2' 1.4"	2' 0.9"	2' 0"	1' 11.1"
	F	2' 3.4"	2' 3.6"	2' 3.9"	2' 4.3"	2' 4.8"	2' 5.6"	2' 7"	2' 8.9"
2' 6"	N	2' 5.5"	2' 5.3"	2' 5"	2' 4.6"	2' 4"	2' 3.3"	2' 2.3"	2' 1.1"
	F	2' 6.6"	2' 6.8"	2' 7.1"	2' 7.6"	2' 8.4"	2' 9.4"	2' 11.2"	3' 1.8"
2' 9"	N	2' 8.3"	2' 8.1"	2' 7.7"	2' 7.2"	2' 6.5"	2' 5.7"	2' 4.5"	2' 3.1"
	F	2' 9.7"	2' 10"	2' 10.4"	2' 11"	2' 12"	3' 1.2"	3' 3.6"	3' 7"
3' 0"	N	2' 11.2"	2' 10.9"	2' 10.4"	2' 9.9"	2' 9"	2' 8.1"	2' 6.6"	2' 5"
	F	3' 0.8"	3' 1.2"	3' 1.7"	3' 2.5"	3' 3.6"	3' 5.2"	3' 8.2"	4' 0.5"
3' 6"	N	3' 4.9"	3' 4.5"	3' 3.8"	3' 3"	3' 1.9"	3' 0.6"	2' 10.6"	2' 8.5"
	F	3' 7.2"	3' 7.7"	3' 8.4"	3' 9.5"	3' 11.2"	4' 1.6"	4' 6.1"	5' 0.9"
4' 0"	N	3' 10.5"	3' 10"	3' 9.1"	3' 8.1"	3' 6.6"	3' 4.9"	3' 2.4"	2' 11.8"
	F	4' 1.6"	4' 2.2"	4' 3.3"	4' 4.7"	4' 7.1"	4' 10.4"	5' 4.9"	6' 3.2"
4' 6"	N	4' 4.1"	4' 3.4"	4' 2.4"	4' 1"	3' 11.2"	3' 9.1"	3' 6"	3' 2.9"
	F	4' 8"	4' 8.9"	4' 10.3"	5' 0.2"	5' 3.3"	5' 7.8"	6' 5"	7' 8.2"
5' 0"	N	4' 9.6"	4' 8.8"	4' 7.5"	4' 5.9"	4' 3.6"	4' 1.1"	3' 9.4"	3' 5.8"
	F	5' 2.6"	5' 3.7"	5' 5.4"	5' 7.9"	5' 11.9"	6' 5.8"	7' 6.4"	9' 4.4"
5' 6"	N	5' 3.1"	5' 2.1"	5' 0.5"	4' 10.6"	4' 7.9"	4' 4.9"	4' 0.7"	3' 8.4"
	F	5' 9.2"	5' 10.5"	6' 0.7"	6' 3.7"	6' 8.9"	7' 4.6"	8' 9.4"	11' 5.1"
6' 0"	N	5' 8.6"	5' 7.3"	5' 5.5"	5' 3.2"	5' 0.1"	4' 8.6"	4' 3.7"	3' 10.9"
	F	6' 3.8"	6' 5.5"	6' 8.1"	6' 11.9"	7' 6.4"	8' 4.1"	10' 2.3"	13' 11.7"
7' 0"	N	6' 7.3"	6' 5.6"	6' 3.1"	6' 0.1"	5' 8"	5' 3.6"	4' 9.4"	4' 3.5"
	F	7' 5.3"	7' 7.6"	7' 11.4"	8' 4.9"	9' 2.6"	10' 5.7"	13' 7.6"	21' 6.5"
8' 0"	N	7' 5.9"	7' 3.6"	7' 0.5"	6' 8.7"	6' 3.5"	5' 10"	5' 2.5"	4' 7.5"
	F	8' 7.1"	8' 10.2"	9' 3.3"	9' 11"	11' 0.9"	12' 11.6"	18' 3"	36' 3.3"
10' 0"	N	9' 2.4"	8' 1.1"	8' 6.3"	8' 0.7"	7' 5.3"	6' 9.6"	5' 11.5"	5' 2.4"
	F	10' 11.5"	11' 4.7"	12' 1.4"	13' 3"	15' 5.1"	19' 5.4"	34' 8.8"	857' 1.1"
12' 0"	N	10' 10.3"	10' 5.6"	9' 11.1"	9' 3.4"	8' 5.7"	7' 7.8"	6' 7"	5' 7.9"
	F	13' 5"	14' 1"	15' 2.7"	17' 0.9"	20' 10.9"	29' 1.9"	87' 3.9"	INF
15' 0"	N	13' 3"	12' 7.9"	11' 10.4"	10' 11.5"	9' 10.1"	8' 8.8"	7' 4.4"	6' 2.6"
	F	17' 3.6"	18' 5.3"	20' 5.6"	23' 11.9"	32' 5.2"	58' 2.9"	INF	INF
20' 0"	N	16' 11.7"	16' 0.2"	14' 9.1"	13' 4.4"	11' 8.7"	10' 2.1"	8' 4.2"	6' 10.7"
	F	24' 4.4"	26' 8.5"	31' 2.7"	40' 4.3"	72' 3.3"	23007' 1.3"	INF	INF
30' 0"	N	23' 7.6"	21' 9.5"	19' 6.2"	17' 1.6"	14' 6"	12' 2.2"	9' 7.7"	7' 8.8"
	F	41' 2"	48' 4.8"	65' 9.6"	126' 10.8"	INF	INF	INF	INF
60' 0"	N	38' 10.3"	34' 0.9"	28' 9.4"	23' 10.3"	19' 0.1"	15' 2.2"	11' 4.9"	8' 9.8"
	F	132' 6.7"	257' 9.5"	INF	INF	INF	INF	INF	INF
INF	N	109' 3.6"	78' 2"	54' 9.8"	39' 3"	27' 6.9"	20' 1.8"	13' 11.5"	10' 2.9"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

50mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
172' 11.2"	123' 7.1"	86' 7.0"	61' 10.9"	43' 4.9"	31' 7.9"	21' 10.2"	15' 11.3"

U	Feet	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
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' 8.9"	1' 9.4"	1' 9.9"
22"	N	1' 9.8"	1' 9.7"	1' 9.6"	1' 9.5"	1' 9.2"	1' 9"	1' 8.6"	1' 8.1"
	F	1' 10.2"	1' 10.3"	1' 10.4"	1' 10.6"	1' 10.8"	1' 11.1"	1' 11.7"	2' 0.4"
2' 0"	N	1' 11.8"	1' 11.7"	1' 11.5"	1' 11.4"	1' 11.1"	1' 10.8"	1' 10.3"	1' 9.7"
	F	2' 0.2"	2' 0.3"	2' 0.5"	2' 0.7"	2' 1"	2' 1.4"	2' 2.1"	2' 3"
2' 3"	N	2' 2.7"	2' 2.6"	2' 2.4"	2' 2.2"	2' 1.8"	2' 1.4"	2' 0.8"	2' 0"
	F	2' 3.3"	2' 3.4"	2' 3.6"	2' 3.9"	2' 4.3"	2' 4.8"	2' 5.8"	2' 7"
2' 6"	N	2' 5.6"	2' 5.5"	2' 5.2"	2' 5"	2' 4.5"	2' 4"	2' 3.2"	2' 2.3"
	F	2' 6.4"	2' 6.6"	2' 6.8"	2' 7.1"	2' 7.7"	2' 8.3"	2' 9.5"	2' 11.1"
2' 9"	N	2' 8.5"	2' 8.3"	2' 8.1"	2' 7.7"	2' 7.2"	2' 6.6"	2' 5.6"	2' 4.5"
	F	2' 9.5"	2' 9.7"	2' 10"	2' 10.4"	2' 11"	2' 11.9"	3' 1.4"	3' 3.4"
3' 0"	N	2' 11.4"	2' 11.2"	2' 10.9"	2' 10.5"	2' 9.8"	2' 9.1"	2' 8"	2' 6.7"
	F	3' 0.6"	3' 0.8"	3' 1.2"	3' 1.7"	3' 2.5"	3' 3.5"	3' 5.4"	3' 7.8"
3' 3"	N	3' 2.3"	3' 2.1"	3' 1.7"	3' 1.2"	3' 0.5"	2' 11.6"	2' 10.3"	2' 8.8"
	F	3' 3.7"	3' 4"	3' 4.4"	3' 5"	3' 6"	3' 7.2"	3' 9.4"	4' 0.5"
3' 6"	N	3' 5.2"	3' 4.9"	3' 4.5"	3' 3.9"	3' 3"	3' 2.1"	3' 0.5"	2' 10.8"
	F	3' 6.8"	3' 7.2"	3' 7.7"	3' 8.4"	3' 9.5"	3' 11"	4' 1.6"	4' 5.4"
3' 9"	N	3' 8.1"	3' 7.7"	3' 7.2"	3' 6.6"	3' 5.6"	3' 4.5"	3' 2.7"	3' 0.8"
	F	3' 9.9"	3' 10.3"	3' 10.9"	3' 11.8"	4' 1.1"	4' 2.8"	4' 6"	4' 10.4"
4' 0"	N	3' 11"	3' 10.6"	3' 10"	3' 9.2"	3' 8.1"	3' 6.8"	3' 4.9"	3' 2.8"
	F	4' 1.1"	4' 1.5"	4' 2.2"	4' 3.2"	4' 4.7"	4' 6.7"	4' 10.4"	5' 3.7"
4' 6"	N	4' 4.7"	4' 4.2"	4' 3.4"	4' 2.5"	4' 1.1"	3' 11.5"	3' 9.1"	3' 6.5"
	F	4' 7.4"	4' 8"	4' 8.9"	4' 10.1"	5' 0.1"	5' 2.7"	5' 7.8"	6' 3"
5' 0"	N	4' 10.4"	4' 9.7"	4' 8.8"	4' 7.6"	4' 6"	4' 4"	4' 1.1"	3' 10"
	F	5' 1.7"	5' 2.5"	5' 3.6"	5' 5.1"	5' 7.6"	5' 11.1"	6' 5.7"	7' 3.5"
5' 6"	N	5' 4"	5' 3.3"	5' 2.1"	5' 0.7"	4' 10.7"	4' 8.4"	4' 5"	4' 1.4"
	F	5' 8.1"	5' 9"	5' 10.4"	6' 0.3"	6' 3.4"	6' 7.8"	7' 4.2"	8' 5.2"
6' 0"	N	5' 9.6"	5' 8.7"	5' 7.4"	5' 5.7"	5' 3.4"	5' 0.7"	4' 8.7"	4' 4.6"
	F	6' 2.5"	6' 3.6"	6' 5.3"	6' 7.6"	6' 11.5"	7' 4.8"	8' 3.5"	9' 8.5"
6' 6"	N	6' 3.2"	6' 2.2"	6' 0.6"	5' 10.7"	5' 8"	5' 4.9"	5' 0.3"	4' 7.6"
	F	6' 9"	6' 10.3"	7' 0.3"	7' 3.1"	7' 7.7"	8' 2.2"	9' 3.6"	11' 1.5"
7' 0"	N	6' 8.8"	6' 7.5"	6' 5.8"	6' 3.5"	6' 0.4"	5' 8.9"	5' 3.8"	4' 10.6"
	F	7' 3.5"	7' 5"	7' 7.4"	7' 10.7"	8' 4.2"	9' 0.1"	10' 4.5"	12' 8.6"
8' 0"	N	7' 7.8"	7' 6.2"	7' 3.9"	7' 1"	6' 9.1"	6' 4.7"	5' 10.3"	5' 4"
	F	8' 4.7"	8' 6.7"	8' 9.8"	9' 2.3"	9' 9.9"	10' 9.1"	12' 9.4"	16' 6.7"
9' 0"	N	8' 6.6"	8' 4.7"	8' 1.8"	7' 10.3"	7' 5.4"	7' 0"	6' 4.4"	5' 9"
	F	9' 6"	9' 8.5"	10' 0.6"	10' 6.6"	11' 4.8"	12' 8.1"	15' 7.2"	21' 7.9"
10' 0"	N	9' 5.4"	9' 3"	8' 11.5"	8' 7.2"	8' 1.4"	7' 7.1"	6' 10.2"	6' 1.6"
	F	10' 7.4"	10' 10.7"	11' 3.9"	11' 11.5"	13' 0.8"	14' 9.3"	18' 11.3"	28' 8.9"
12' 0"	N	11' 2.5"	10' 11.1"	10' 6.3"	10' 0.4"	9' 4.5"	8' 8.1"	7' 8.5"	6' 9.8"
	F	12' 10.9"	13' 3.8"	13' 11.7"	14' 11.5"	16' 8.9"	19' 8.2"	27' 10.7"	56' 4.3"
15' 0"	N	13' 9.4"	13' 4.2"	12' 9"	12' 0.4"	11' 1.2"	10' 1.4"	8' 9.9"	7' 8"
	F	16' 5.5"	17' 1.5"	18' 2.8"	19' 11.6"	23' 3.5"	29' 5.4"	52' 10.7"	1446' 3.2"
20' 0"	N	17' 10.6"	17' 1.9"	16' 2.1"	15' 0.3"	13' 7.1"	12' 1.7"	10' 3.9"	8' 9.1"
	F	22' 8.4"	23' 11.9"	26' 3"	30' 0.1"	38' 3.3"	58' 5.8"	510' 0.2"	INF
25' 0"	N	21' 9.2"	20' 8.4"	19' 3.4"	17' 8"	15' 8.5"	13' 9.6"	11' 5.9"	9' 6.9"
	F	29' 4.5"	31' 7.2"	35' 7.7"	42' 11.9"	62' 3.9"	143' 1.9"	INF	INF
30' 0"	N	25' 5.4"	23' 12"	22' 1.3"	20' 0.2"	17' 6.3"	15' 2.2"	12' 5.1"	10' 2.6"
	F	36' 6.6"	40' 0.7"	46' 9.7"	60' 4.8"	107' 3.2"	4123' 2.8"	INF	INF
40' 0"	N	32' 3.4"	29' 11.7"	27' 0.9"	23' 11.9"	20' 6"	17' 4.2"	13' 10"	11' 1.7"
	F	52' 7.3"	60' 2.7"	76' 11.3"	122' 3.9"	1086' 8.3"	INF	INF	INF
60' 0"	N	44' 1.6"	39' 11.1"	34' 11.1"	29' 11.3"	24' 8.1"	20' 2.9"	15' 7.2"	12' 3.1"
	F	93' 10"	121' 2.9"	216' 0.3"	INF	INF	INF	INF	INF
120' 0"	N	69' 8.7"	59' 8.8"	49' 2.2"	39' 9.9"	30' 12"	24' 3.6"	17' 10.7"	13' 7.4"
	F	433' 6.4"	INF	INF	INF	INF	INF	INF	INF
INF	N	165' 11.6"	118' 7.4"	83' 1.3"	59' 5.2"	41' 8.2"	30' 4.6"	20' 11.6"	15' 3.8"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

65mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
292' 1.5"	208' 8.7"	146' 2.3"	104' 6.3"	73' 3.1"	53' 4.2"	36' 9.3"	26' 9.7"

U	Feet	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
2' 3"	N	2' 2.8"	2' 2.8"	2' 2.7"	2' 2.5"	2' 2.3"	2' 2.1"	2' 1.7"	2' 1.2"
	F	2' 3.2"	2' 3.2"	2' 3.4"	2' 3.5"	2' 3.7"	2' 4"	2' 4.5"	2' 5.1"
2' 6"	N	2' 5.8"	2' 5.7"	2' 5.6"	2' 5.4"	2' 5.1"	2' 4.8"	2' 4.3"	2' 3.8"
	F	2' 6.2"	2' 6.3"	2' 6.5"	2' 6.6"	2' 6.9"	2' 7.3"	2' 7.9"	2' 8.7"
2' 9"	N	2' 8.7"	2' 8.6"	2' 8.5"	2' 8.3"	2' 7.9"	2' 7.6"	2' 7"	2' 6.3"
	F	2' 9.3"	2' 9.4"	2' 9.6"	2' 9.8"	2' 10.1"	2' 10.6"	2' 11.4"	3' 0.4"
3' 0"	N	2' 11.7"	2' 11.5"	2' 11.3"	2' 11.1"	2' 10.7"	2' 10.3"	2' 9.5"	2' 8.7"
	F	3' 0.3"	3' 0.5"	3' 0.7"	3' 1"	3' 1.4"	3' 1.9"	3' 2.9"	3' 4.1"
3' 3"	N	3' 2.6"	3' 2.5"	3' 2.2"	3' 1.9"	3' 1.5"	3' 1"	3' 0.1"	2' 11.1"
	F	3' 3.4"	3' 3.6"	3' 3.8"	3' 4.1"	3' 4.7"	3' 5.3"	3' 6.5"	3' 8"
3' 6"	N	3' 5.5"	3' 5.4"	3' 5.1"	3' 4.7"	3' 4.2"	3' 3.6"	3' 2.6"	3' 1.5"
	F	3' 6.5"	3' 6.7"	3' 6.9"	3' 7.3"	3' 7.9"	3' 8.7"	3' 10.1"	3' 11.9"
3' 9"	N	3' 8.5"	3' 8.3"	3' 8"	3' 7.6"	3' 7"	3' 6.2"	3' 5.1"	3' 3.8"
	F	3' 9.5"	3' 9.8"	3' 10.1"	3' 10.6"	3' 11.3"	4' 0.2"	4' 1.8"	4' 3.9"
4' 0"	N	3' 11.4"	3' 11.2"	3' 10.8"	3' 10.3"	3' 9.7"	3' 8.9"	3' 7.6"	3' 6.1"
	F	4' 0.6"	4' 0.9"	4' 1.3"	4' 1.8"	4' 2.6"	4' 3.7"	4' 5.5"	4' 8"
4' 6"	N	4' 5.2"	4' 4.9"	4' 4.5"	4' 3.9"	4' 3"	4' 2"	4' 0.4"	3' 10.6"
	F	4' 6.8"	4' 7.1"	4' 7.6"	4' 8.3"	4' 9.4"	4' 10.7"	5' 1.2"	5' 4.5"
5' 0"	N	4' 11"	4' 10.7"	4' 10.1"	4' 9.4"	4' 8.3"	4' 7.1"	4' 5.1"	4' 2.9"
	F	5' 1"	5' 1.4"	5' 2"	5' 2.9"	5' 4.2"	5' 6"	5' 9.2"	6' 1.4"
5' 6"	N	5' 4.8"	5' 4.4"	5' 3.7"	5' 2.8"	5' 1.5"	5' 0"	4' 9.7"	4' 7.1"
	F	5' 7.2"	5' 7.7"	5' 8.5"	5' 9.6"	5' 11.2"	6' 1.4"	6' 5.4"	6' 10.8"
6' 0"	N	5' 10.6"	5' 10"	5' 9.2"	5' 8.2"	5' 6.7"	5' 4.9"	5' 2.2"	4' 11.2"
	F	6' 1.5"	6' 2.1"	6' 3"	6' 4.3"	6' 6.3"	6' 9"	7' 1.8"	7' 8.6"
6' 6"	N	6' 4.3"	6' 3.7"	6' 2.8"	6' 1.5"	5' 11.8"	5' 9.7"	5' 6.5"	5' 3.1"
	F	6' 7.7"	6' 8.5"	6' 9.6"	6' 11.1"	7' 1.5"	7' 4.7"	7' 10.6"	8' 7"
7' 0"	N	6' 10.1"	6' 9.3"	6' 8.2"	6' 6.8"	6' 4.8"	6' 2.4"	5' 10.8"	5' 6.9"
	F	7' 2"	7' 2.9"	7' 4.2"	7' 6"	7' 8.8"	8' 0.6"	8' 7.7"	9' 5.9"
8' 0"	N	7' 9.5"	7' 8.5"	7' 7.1"	7' 5.2"	7' 2.6"	6' 11.6"	6' 7"	6' 2.1"
	F	8' 2.7"	8' 3.8"	8' 5.5"	8' 7.9"	8' 11.8"	9' 5"	10' 2.9"	11' 5.6"
9' 0"	N	8' 8.8"	8' 7.6"	8' 5.8"	8' 3.5"	8' 0.2"	7' 8.5"	7' 2.8"	6' 9"
	F	9' 3.4"	9' 4.9"	9' 7.1"	9' 10.2"	10' 3.2"	10' 10.1"	11' 11.6"	13' 8.2"
10' 0"	N	9' 8"	9' 6.5"	9' 4.3"	9' 1.5"	8' 9.6"	8' 5.1"	7' 10.3"	7' 3.4"
	F	10' 4.3"	10' 6.1"	10' 8.9"	11' 0.8"	11' 7.2"	12' 4.1"	13' 9.9"	16' 2.2"
12' 0"	N	11' 6.3"	11' 4.1"	11' 1"	10' 9.1"	10' 3.6"	9' 9.4"	9' 0.4"	8' 3.3"
	F	12' 6.2"	12' 8.9"	13' 1"	13' 7"	14' 4.8"	15' 6.9"	18' 0.4"	22' 3.5"
15' 0"	N	14' 3.1"	13' 11.8"	13' 7"	13' 1.1"	12' 5"	11' 8"	10' 7.3"	9' 6.9"
	F	15' 9.9"	16' 2.2"	16' 9"	17' 6.9"	18' 11.7"	21' 1.1"	25' 11"	35' 9.7"
20' 0"	N	18' 8.3"	18' 2.6"	17' 6.6"	16' 8.7"	15' 7.6"	14' 5.5"	12' 10.3"	11' 4.2"
	F	21' 6.1"	22' 2.1"	23' 3.2"	24' 10.8"	27' 10"	32' 8"	46' 0.3"	90' 11.6"
25' 0"	N	22' 11.8"	22' 3.2"	21' 3.2"	20' 0.9"	18' 6.2"	16' 10.6"	14' 8.7"	12' 9.4"
	F	27' 5"	28' 6.2"	30' 4.2"	33' 2.4"	38' 7.9"	48' 8.4"	86' 1.7"	1201' 6.7"
30' 0"	N	27' 1.6"	26' 1.6"	24' 9.2"	23' 1.9"	21' 1.3"	19' 0.1"	16' 3.7"	13' 11.4"
	F	33' 6.7"	35' 2.7"	38' 0.9"	42' 8.2"	52' 2.2"	72' 4.6"	205' 6.8"	INF
40' 0"	N	35' 0.5"	33' 4.7"	31' 2.3"	28' 8"	25' 6.9"	22' 6.6"	18' 10.1"	15' 9.1"
	F	46' 7.3"	49' 10.9"	55' 10.2"	66' 4.9"	92' 9.2"	184' 7.9"	INF	INF
60' 0"	N	49' 5.6"	46' 2.8"	42' 1.2"	37' 7.5"	32' 5.5"	27' 8.6"	22' 3.7"	18' 1.1"
	F	76' 3.2"	85' 6.8"	104' 8.8"	149' 5.1"	416' 10.6"	INF	INF	INF
120' 0"	N	84' 1"	75' 1.3"	64' 9"	54' 8.5"	44' 4.8"	35' 11.4"	27' 3.9"	21' 3"
	F	209' 9.8"	299' 8"	839' 6.8"	INF	INF	INF	INF	INF
INF	N	280' 0.1"	200' 1.1"	140' 1.9"	100' 2.4"	70' 2.8"	51' 1.9"	35' 3.2"	25' 8.8"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

75mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
388' 10.1"	277' 10.3"	194' 7.0"	139' 0.9"	97' 5.7"	70' 11.6"	48' 10.6"	35' 8.0"

U Feet		Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
2' 6"	N	2' 5.8"	2' 5.8"	2' 5.7"	2' 5.6"	2' 5.4"	2' 5.2"	2' 4.8"	2' 4.4"
	F	2' 6.2"	2' 6.2"	2' 6.3"	2' 6.5"	2' 6.7"	2' 6.9"	2' 7.3"	2' 7.9"
2' 9"	N	2' 8.8"	2' 8.7"	2' 8.6"	2' 8.5"	2' 8.2"	2' 8"	2' 7.5"	2' 7"
	F	2' 9.2"	2' 9.3"	2' 9.4"	2' 9.6"	2' 9.8"	2' 10.1"	2' 10.7"	2' 11.3"
3' 0"	N	2' 11.8"	2' 11.7"	2' 11.5"	2' 11.3"	2' 11.1"	2' 10.7"	2' 10.2"	2' 9.6"
	F	3' 0.2"	3' 0.3"	3' 0.5"	3' 0.7"	3' 1"	3' 1.4"	3' 2"	3' 2.9"
3' 3"	N	3' 2.7"	3' 2.6"	3' 2.4"	3' 2.2"	3' 1.9"	3' 1.5"	3' 0.9"	3' 0.1"
	F	3' 3.3"	3' 3.4"	3' 3.6"	3' 3.8"	3' 4.2"	3' 4.6"	3' 5.4"	3' 6.4"
3' 6"	N	3' 5.7"	3' 5.5"	3' 5.3"	3' 5.1"	3' 4.7"	3' 4.2"	3' 3.5"	3' 2.7"
	F	3' 6.3"	3' 6.5"	3' 6.7"	3' 7"	3' 7.4"	3' 7.9"	3' 8.9"	3' 10.1"
3' 9"	N	3' 8.6"	3' 8.5"	3' 8.2"	3' 7.9"	3' 7.5"	3' 7"	3' 6.1"	3' 5.1"
	F	3' 9.4"	3' 9.5"	3' 9.8"	3' 10.1"	3' 10.6"	3' 11.2"	4' 0.4"	4' 1.8"
4' 0"	N	3' 11.6"	3' 11.4"	3' 11.1"	3' 10.8"	3' 10.3"	3' 9.7"	3' 8.7"	3' 7.6"
	F	4' 0.4"	4' 0.6"	4' 0.9"	4' 1.3"	4' 1.9"	4' 2.6"	4' 3.9"	4' 5.5"
4' 3"	N	4' 2.5"	4' 2.3"	4' 2"	4' 1.6"	4' 1.1"	4' 0.4"	3' 11.3"	3' 10"
	F	4' 3.5"	4' 3.7"	4' 4"	4' 4.5"	4' 5.1"	4' 6"	4' 7.4"	4' 9.3"
4' 6"	N	4' 5.4"	4' 5.2"	4' 4.9"	4' 4.5"	4' 3.8"	4' 3"	4' 1.8"	4' 0.4"
	F	4' 6.6"	4' 6.8"	4' 7.2"	4' 7.6"	4' 8.4"	4' 9.3"	4' 11"	5' 1.2"
4' 9"	N	4' 8.4"	4' 8.1"	4' 7.8"	4' 7.3"	4' 6.6"	4' 5.7"	4' 4.3"	4' 2.8"
	F	4' 9.6"	4' 9.9"	4' 10.3"	4' 10.9"	4' 11.7"	5' 0.8"	5' 2.7"	5' 5.1"
5' 0"	N	4' 11.3"	4' 11"	4' 10.6"	4' 10.1"	4' 9.3"	4' 8.3"	4' 6.8"	4' 5.1"
	F	5' 0.7"	5' 1"	5' 1.5"	5' 2.1"	5' 3"	5' 4.2"	5' 6.3"	5' 9.1"
5' 6"	N	5' 5.1"	5' 4.8"	5' 4.3"	5' 3.7"	5' 2.7"	5' 1.6"	4' 11.7"	4' 9.7"
	F	5' 6.9"	5' 7.2"	5' 7.8"	5' 8.5"	5' 9.7"	5' 11.2"	6' 1.8"	6' 5.3"
6' 0"	N	5' 11"	5' 10.6"	5' 10"	5' 9.2"	5' 8.1"	5' 6.7"	5' 4.6"	5' 2.2"
	F	6' 1.1"	6' 1.5"	6' 2.1"	6' 3"	6' 4.4"	6' 6.3"	6' 9.5"	7' 1.8"
6' 6"	N	6' 4.8"	6' 4.3"	6' 3.6"	6' 2.7"	6' 1.4"	5' 11.8"	5' 9.3"	5' 6.6"
	F	6' 7.3"	6' 7.8"	6' 8.5"	6' 9.6"	6' 11.3"	7' 1.4"	7' 5.4"	7' 10.6"
7' 0"	N	6' 10.6"	6' 10"	6' 9.2"	6' 8.2"	6' 6.6"	6' 4.8"	6' 2"	5' 10.8"
	F	7' 1.5"	7' 2.1"	7' 3"	7' 4.2"	7' 6.2"	7' 8.8"	8' 1.4"	8' 7.7"
7' 6"	N	7' 4.4"	7' 3.7"	7' 2.8"	7' 1.6"	6' 11.9"	6' 9.8"	6' 6.5"	6' 3"
	F	7' 7.7"	7' 8.4"	7' 9.4"	7' 10.9"	8' 1.2"	8' 4.2"	8' 9.6"	9' 5.1"
8' 0"	N	7' 10.1"	7' 9.4"	7' 8.4"	7' 7"	7' 5"	7' 2.7"	6' 11"	6' 7.1"
	F	8' 1.9"	8' 2.7"	8' 3.9"	8' 5.6"	8' 8.2"	8' 11.7"	9' 6.1"	10' 2.8"
8' 6"	N	8' 3.9"	8' 3.1"	8' 1.9"	8' 0.4"	7' 10.1"	7' 7.5"	7' 3.4"	6' 11"
	F	8' 8.2"	8' 9.1"	8' 10.5"	9' 0.4"	9' 3.4"	9' 7.4"	10' 2.7"	11' 1"
9' 0"	N	8' 9.6"	8' 8.7"	8' 7.4"	8' 5.7"	8' 3.2"	8' 0.3"	7' 7.8"	7' 2.9"
	F	9' 2.5"	9' 3.5"	9' 5"	9' 7.2"	9' 10.6"	10' 3.2"	10' 11.6"	11' 11.5"
10' 0"	N	9' 9.1"	9' 8"	9' 6.3"	9' 4.2"	9' 1.2"	8' 9.6"	8' 4.2"	7' 10.4"
	F	10' 3.1"	10' 4.3"	10' 6.3"	10' 9"	11' 1.3"	11' 7.1"	12' 6.1"	13' 9.8"
11' 0"	N	10' 8.5"	10' 7.1"	10' 5.1"	10' 2.6"	9' 11"	9' 6.7"	9' 0.3"	8' 5.6"
	F	11' 3.7"	11' 5.3"	11' 7.7"	11' 11"	12' 4.4"	12' 11.6"	14' 1.5"	15' 10"
12' 0"	N	11' 7.8"	11' 6.2"	11' 3.8"	11' 0.8"	10' 8.6"	10' 3.6"	9' 8.2"	9' 0.5"
	F	12' 4.5"	12' 6.3"	12' 9.2"	13' 1.3"	13' 7.8"	14' 4.7"	15' 10"	18' 0.2"
13' 0"	N	12' 7.1"	12' 5.2"	12' 2.4"	11' 11"	11' 6"	11' 0.3"	10' 3.9"	9' 7"
	F	13' 5.3"	13' 7.5"	13' 10.9"	14' 3.7"	14' 11.5"	15' 10.4"	17' 7.7"	20' 4.8"
15' 0"	N	14' 5.4"	14' 2.9"	13' 11.3"	13' 6.8"	13' 0.4"	12' 5.1"	11' 6.4"	10' 7.4"
	F	15' 7.1"	15' 10.1"	16' 2.8"	16' 9.4"	17' 8.3"	18' 11.6"	21' 7"	25' 10.6"
17' 0"	N	16' 3.6"	16' 0.4"	15' 7.8"	15' 2.1"	14' 6.1"	13' 9.1"	12' 8"	11' 6.8"
	F	17' 9.2"	18' 1.1"	18' 7.3"	19' 4"	20' 6.6"	22' 3.7"	26' 0.4"	32' 7"
20' 0"	N	19' 0.4"	18' 8.1"	18' 1.9"	17' 6.1"	16' 7.5"	15' 7.7"	14' 2.9"	12' 10.4"
	F	21' 0.9"	21' 6.4"	22' 3.2"	23' 4"	25' 1.6"	27' 9.8"	33' 10.5"	45' 11.4"
25' 0"	N	23' 6"	22' 11.4"	22' 2.1"	21' 2.6"	19' 11.1"	18' 6.3"	16' 7"	14' 8.9"
	F	26' 8.5"	27' 5.5"	28' 8"	30' 5.5"	33' 7.4"	38' 7.5"	51' 5.6"	85' 10.8"
30' 0"	N	27' 10.3"	27' 1.1"	26' 0.1"	24' 8.4"	22' 11.6"	21' 1.4"	18' 7.5"	16' 3.9"
	F	32' 6"	33' 7.4"	35' 5.5"	38' 3"	43' 4.5"	52' 1.6"	78' 8.6"	204' 3.7"
40' 0"	N	36' 3.3"	34' 11.7"	33' 2.3"	31' 0.9"	28' 4.5"	25' 7.2"	22' 0.2"	18' 10.4"
	F	44' 7.1"	46' 8.8"	50' 4.5"	56' 2.7"	68' 1.2"	92' 7.3"	232' 7.8"	INF
60' 0"	N	51' 11.6"	49' 3.9"	45' 10.1"	41' 10.7"	37' 1.3"	32' 5.8"	26' 10.9"	22' 4"
	F	70' 11.9"	76' 7.4"	86' 11.5"	106' 0.8"	158' 4.2"	414' 0.6"	INF	INF
120' 0"	N	91' 7"	83' 8"	74' 0.9"	64' 3.1"	53' 7.4"	44' 5.3"	34' 7.3"	27' 4.4"
	F	174' 1.4"	212' 6"	317' 7.3"	934' 10.2"	INF	INF	INF	INF
INF	N	385' 4.9"	275' 4.6"	192' 10.4"	137' 10.3"	96' 7.2"	70' 4.1"	48' 5.6"	35' 4.1"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

100mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
691' 1.7"	493' 9.6"	345' 9.6"	247' 1.4"	173' 1.6"	126' 0.2"	86' 9.3"	63' 3.1"

U Feet		Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
3' 0"	N	2' 11.9"	2' 11.8"	2' 11.7"	2' 11.6"	2' 11.5"	2' 11.3"	2' 11"	2' 10.7"
	F	3' 0.1"	3' 0.2"	3' 0.3"	3' 0.4"	3' 0.5"	3' 0.7"	3' 1.1"	3' 1.5"
3' 3"	N	3' 2.8"	3' 2.8"	3' 2.7"	3' 2.6"	3' 2.4"	3' 2.2"	3' 1.8"	3' 1.4"
	F	3' 3.2"	3' 3.2"	3' 3.3"	3' 3.4"	3' 3.6"	3' 3.9"	3' 4.3"	3' 4.8"
3' 6"	N	3' 5.8"	3' 5.7"	3' 5.6"	3' 5.5"	3' 5.3"	3' 5"	3' 4.6"	3' 4.1"
	F	3' 6.2"	3' 6.3"	3' 6.4"	3' 6.5"	3' 6.7"	3' 7"	3' 7.5"	3' 8.1"
3' 9"	N	3' 8.8"	3' 8.7"	3' 8.6"	3' 8.4"	3' 8.2"	3' 7.9"	3' 7.4"	3' 6.8"
	F	3' 9.2"	3' 9.3"	3' 9.4"	3' 9.6"	3' 9.9"	3' 10.2"	3' 10.8"	3' 11.4"
4' 0"	N	3' 11.8"	3' 11.7"	3' 11.5"	3' 11.3"	3' 11.1"	3' 10.7"	3' 10.2"	3' 9.5"
	F	4' 0.2"	4' 0.3"	4' 0.5"	4' 0.7"	4' 1"	4' 1.4"	4' 2"	4' 2.8"
4' 3"	N	4' 2.7"	4' 2.6"	4' 2.5"	4' 2.2"	4' 1.9"	4' 1.5"	4' 0.9"	4' 0.2"
	F	4' 3.3"	4' 3.4"	4' 3.6"	4' 3.8"	4' 4.1"	4' 4.6"	4' 5.3"	4' 6.3"
4' 6"	N	4' 5.7"	4' 5.6"	4' 5.4"	4' 5.1"	4' 4.8"	4' 4.3"	4' 3.6"	4' 2.8"
	F	4' 6.3"	4' 6.4"	4' 6.6"	4' 6.9"	4' 7.3"	4' 7.8"	4' 8.6"	4' 9.7"
4' 9"	N	4' 8.7"	4' 8.5"	4' 8.3"	4' 8"	4' 7.6"	4' 7.1"	4' 6.3"	4' 5.4"
	F	4' 9.4"	4' 9.5"	4' 9.7"	4' 10"	4' 10.4"	4' 11"	4' 12"	5' 1.2"
5' 0"	N	4' 11.6"	4' 11.5"	4' 11.2"	4' 10.9"	4' 10.5"	4' 9.9"	4' 9"	4' 8"
	F	5' 0.4"	5' 0.6"	5' 0.8"	5' 1.1"	5' 1.6"	5' 2.2"	5' 3.3"	5' 4.7"
5' 6"	N	5' 5.5"	5' 5.3"	5' 5.1"	5' 4.7"	5' 4.1"	5' 3.5"	5' 2.4"	5' 1.1"
	F	5' 6.5"	5' 6.7"	5' 7"	5' 7.4"	5' 8"	5' 8.8"	5' 10.1"	5' 11.8"
6' 0"	N	5' 11.4"	5' 11.2"	5' 10.9"	5' 10.4"	5' 9.8"	5' 9"	5' 7.7"	5' 6.2"
	F	6' 0.6"	6' 0.8"	6' 1.2"	6' 1.7"	6' 2.4"	6' 3.3"	6' 5"	6' 7"
6' 6"	N	6' 5.3"	6' 5.1"	6' 4.7"	6' 4.1"	6' 3.4"	6' 2.4"	6' 0.9"	5' 11.2"
	F	6' 6.7"	6' 7"	6' 7.4"	6' 8"	6' 8.8"	6' 10"	6' 11.9"	7' 2.4"
7' 0"	N	6' 11.2"	6' 10.9"	6' 10.4"	6' 9.8"	6' 8.9"	6' 7.8"	6' 6.1"	6' 4.1"
	F	7' 0.8"	7' 1.1"	7' 1.6"	7' 2.3"	7' 3.3"	7' 4.7"	7' 7"	7' 9.9"
7' 6"	N	7' 5.1"	7' 4.7"	7' 4.2"	7' 3.5"	7' 2.5"	7' 1.2"	6' 11.2"	6' 8.9"
	F	7' 6.9"	7' 7.3"	7' 7.9"	7' 8.7"	7' 9.9"	7' 11.4"	8' 2.1"	8' 5.5"
8' 0"	N	7' 11"	7' 10.5"	7' 9.9"	7' 9.1"	7' 8"	7' 6.5"	7' 4.3"	7' 1.7"
	F	8' 1.1"	8' 1.5"	8' 2.2"	8' 3.1"	8' 4.4"	8' 6.2"	8' 9.3"	9' 1.3"
8' 6"	N	8' 4.8"	8' 4.4"	8' 3.7"	8' 2.8"	8' 1.4"	7' 11.8"	7' 9.3"	7' 6.4"
	F	8' 7.2"	8' 7.7"	8' 8.5"	8' 9.5"	8' 11"	9' 1.1"	9' 4.6"	9' 9.3"
9' 0"	N	8' 10.7"	8' 10.1"	8' 9.4"	8' 8.4"	8' 6.9"	8' 5.1"	8' 2.2"	7' 11"
	F	9' 1.4"	9' 1.9"	9' 2.8"	9' 3.9"	9' 5.7"	9' 8"	10' 0.1"	10' 5.4"
10' 0"	N	9' 10.3"	9' 9.7"	9' 8.7"	9' 7.5"	9' 5.7"	9' 3.5"	8' 12"	8' 8.1"
	F	10' 1.7"	10' 2.4"	10' 3.5"	10' 4.9"	10' 7.1"	10' 10"	11' 3.2"	11' 10"
11' 0"	N	10' 10"	10' 9.2"	10' 8"	10' 6.5"	10' 4.3"	10' 1.7"	9' 9.5"	9' 4.9"
	F	11' 2.1"	11' 2.9"	11' 4.2"	11' 6"	11' 8.7"	12' 0.3"	12' 6.8"	13' 3.3"
12' 0"	N	11' 9.6"	11' 8.7"	11' 7.3"	11' 5.5"	11' 2.9"	10' 11.8"	10' 6.9"	10' 1.5"
	F	12' 2.5"	12' 3.5"	12' 5.1"	12' 7.2"	12' 10.5"	13' 2.9"	13' 10.7"	14' 9.3"
13' 0"	N	12' 9.2"	12' 8.1"	12' 6.5"	12' 4.4"	12' 1.3"	11' 9.7"	11' 4"	10' 9.8"
	F	13' 2.9"	13' 4.1"	13' 6"	13' 8.5"	14' 0.5"	14' 5.7"	15' 3.2"	16' 4.1"
15' 0"	N	14' 8.2"	14' 6.8"	14' 4.6"	14' 1.8"	13' 9.8"	13' 5.1"	12' 9.8"	12' 1.9"
	F	15' 3.9"	15' 5.6"	15' 8.1"	15' 11.5"	16' 4.9"	17' 0.1"	18' 1.5"	19' 8"
17' 0"	N	16' 7.1"	16' 5.3"	16' 2.5"	15' 11"	15' 5.9"	14' 12"	14' 2.8"	13' 5.1"
	F	17' 5.1"	17' 7.2"	17' 10.5"	18' 3"	18' 10.1"	19' 7.7"	21' 1.8"	23' 3.6"
20' 0"	N	19' 5.3"	19' 2.7"	18' 10.9"	18' 6.1"	17' 11.2"	17' 3.2"	16' 3.2"	15' 2.5"
	F	20' 7.1"	20' 10.1"	21' 2.7"	21' 9.1"	22' 7.4"	23' 9.5"	26' 0.5"	29' 4.8"
25' 0"	N	24' 1.5"	23' 9.5"	23' 3.7"	22' 8.4"	21' 10.1"	20' 10.3"	19' 4.8"	17' 10.9"
	F	25' 11.3"	26' 4.1"	26' 11.5"	27' 10"	29' 3.1"	31' 3.1"	35' 3.6"	41' 9.6"
30' 0"	N	28' 8.9"	28' 3.3"	27' 7.1"	26' 8.8"	25' 6.6"	24' 2.4"	22' 3.1"	20' 3.7"
	F	31' 4.5"	31' 11.5"	32' 10.5"	34' 2.3"	36' 4.5"	39' 6.5"	46' 3.1"	58' 2"
40' 0"	N	37' 9.5"	36' 11.7"	35' 9.7"	34' 4.5"	32' 5.1"	30' 3.4"	27' 3.4"	24' 4.8"
	F	42' 5.9"	43' 6.9"	45' 3.8"	47' 10.3"	52' 3.3"	59' 1.2"	75' 7.2"	113' 10.8"
60' 0"	N	55' 1.6"	53' 4.9"	51' 0.1"	48' 1.5"	44' 4.5"	40' 5.3"	35' 3"	30' 6.7"
	F	65' 9.7"	68' 5.6"	72' 10.6"	79' 8.9"	92' 10.5"	116' 12"	206' 9"	2719' 6.6"
120' 0"	N	101' 11.2"	96' 1.8"	88' 7.3"	80' 2.8"	70' 3.3"	60' 10.3"	49' 9.2"	40' 10.3"
	F	145' 10.7"	159' 8.2"	186' 1.2"	238' 9.7"	415' 7.9"	5719' 4.1"	INF	INF
INF	N	673' 10.4"	481' 5.5"	337' 1.9"	240' 11.4"	168' 9.6"	122' 10.7"	84' 7.5"	61' 8"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

135mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
1259' 5.8"	899' 9.6"	630' 1.0"	450' 2.8"	315' 4.6"	229' 6.7"	158' 0.5"	115' 1.1"

Close Focus Range in Color

U	Feet		Depth of field							
			T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
2' 6"	N		2' 6"	2' 5.9"	2' 5.9"	2' 5.9"	2' 5.9"	2' 5.8"	2' 5.7"	2' 5.6"
	S4 Only	F	2' 6"	2' 6.1"	2' 6.1"	2' 6.1"	2' 6.1"	2' 6.2"	2' 6.3"	2' 6.4"
2' 9"	N		2' 9"	2' 8.9"	2' 8.9"	2' 8.9"	2' 8.8"	2' 8.7"	2' 8.6"	2' 8.5"
	S4 & S4/i	F	2' 9"	2' 9.1"	2' 9.1"	2' 9.1"	2' 9.2"	2' 9.3"	2' 9.4"	2' 9.5"
3' 0"	N		2' 11.9"	2' 11.9"	2' 11.9"	2' 11.8"	2' 11.8"	2' 11.7"	2' 11.5"	2' 11.4"
		F	3' 0.1"	3' 0.1"	3' 0.1"	3' 0.2"	3' 0.2"	3' 0.3"	3' 0.5"	3' 0.7"
3' 3"	N		3' 2.9"	3' 2.9"	3' 2.9"	3' 2.8"	3' 2.7"	3' 2.6"	3' 2.4"	3' 2.2"
		F	3' 3.1"	3' 3.1"	3' 3.1"	3' 3.2"	3' 3.3"	3' 3.4"	3' 3.6"	3' 3.8"
3' 6"	N		3' 5.9"	3' 5.9"	3' 5.8"	3' 5.8"	3' 5.7"	3' 5.5"	3' 5.3"	3' 5.1"
		F	3' 6.1"	3' 6.1"	3' 6.2"	3' 6.2"	3' 6.3"	3' 6.5"	3' 6.7"	3' 7"
3' 9"	N		3' 8.9"	3' 8.9"	3' 8.8"	3' 8.7"	3' 8.6"	3' 8.4"	3' 8.2"	3' 7.9"
		F	3' 9.1"	3' 9.1"	3' 9.2"	3' 9.3"	3' 9.4"	3' 9.6"	3' 9.8"	3' 10.2"
4' 0"	N		3' 11.9"	3' 11.8"	3' 11.8"	3' 11.7"	3' 11.5"	3' 11.4"	3' 11.1"	3' 10.7"
		F	4' 0.1"	4' 0.2"	4' 0.2"	4' 0.3"	4' 0.5"	4' 0.7"	4' 1"	4' 1.3"
4' 3"	N		4' 2.9"	4' 2.8"	4' 2.7"	4' 2.6"	4' 2.5"	4' 2.3"	4' 1.9"	4' 1.5"
		F	4' 3.1"	4' 3.2"	4' 3.3"	4' 3.4"	4' 3.6"	4' 3.8"	4' 4.1"	4' 4.6"
4' 6"	N		4' 5.8"	4' 5.8"	4' 5.7"	4' 5.6"	4' 5.4"	4' 5.2"	4' 4.8"	4' 4.3"
		F	4' 6.2"	4' 6.2"	4' 6.3"	4' 6.4"	4' 6.6"	4' 6.9"	4' 7.3"	4' 7.8"
4' 9"	N		4' 8.8"	4' 8.8"	4' 8.6"	4' 8.5"	4' 8.3"	4' 8"	4' 7.6"	4' 7.1"
		F	4' 9.2"	4' 9.2"	4' 9.4"	4' 9.5"	4' 9.7"	4' 10"	4' 10.5"	4' 11"
5' 0"	N		4' 11.8"	4' 11.7"	4' 11.6"	4' 11.5"	4' 11.2"	4' 10.9"	4' 10.5"	4' 9.9"
		F	5' 0.2"	5' 0.3"	5' 0.4"	5' 0.6"	5' 0.8"	5' 1.1"	5' 1.6"	5' 2.3"
5' 6"	N		5' 5.8"	5' 5.7"	5' 5.5"	5' 5.3"	5' 5"	5' 4.7"	5' 4.1"	5' 3.4"
		F	5' 6.2"	5' 6.3"	5' 6.5"	5' 6.7"	5' 7"	5' 7.4"	5' 8"	5' 8.8"
6' 0"	N		5' 11.7"	5' 11.6"	5' 11.4"	5' 11.2"	5' 10.8"	5' 10.4"	5' 9.7"	5' 8.9"
		F	6' 0.3"	6' 0.4"	6' 0.6"	6' 0.8"	6' 1.2"	6' 1.7"	6' 2.5"	6' 3.4"
6' 6"	N		6' 5.6"	6' 5.5"	6' 5.3"	6' 5"	6' 4.6"	6' 4.1"	6' 3.3"	6' 2.3"
		F	6' 6.4"	6' 6.5"	6' 6.7"	6' 7"	6' 7.4"	6' 8"	6' 8.9"	6' 10.1"
7' 0"	N		6' 11.6"	6' 11.4"	6' 11.2"	6' 10.9"	6' 10.4"	6' 9.8"	6' 8.8"	6' 7.7"
		F	7' 0.4"	7' 0.6"	7' 0.8"	7' 1.2"	7' 1.7"	7' 2.4"	7' 3.5"	7' 4.9"
7' 6"	N		7' 5.5"	7' 5.3"	7' 5"	7' 4.7"	7' 4.1"	7' 3.4"	7' 2.3"	7' 1"
		F	7' 6.5"	7' 6.7"	7' 7"	7' 7.4"	7' 8"	7' 8.7"	7' 10"	7' 11.7"
8' 0"	N		7' 11.5"	7' 11.2"	7' 10.9"	7' 10.5"	7' 9.8"	7' 9.1"	7' 7.8"	7' 6.3"
		F	8' 0.6"	8' 0.8"	8' 1.1"	8' 1.6"	8' 2.3"	8' 3.2"	8' 4.7"	8' 6.5"
8' 6"	N		8' 5.4"	8' 5.1"	8' 4.8"	8' 4.3"	8' 3.5"	8' 2.7"	8' 1.2"	7' 11.6"
		F	8' 6.6"	8' 6.9"	8' 7.3"	8' 7.8"	8' 8.6"	8' 9.6"	8' 11.3"	9' 1.5"
9' 0"	N		8' 11.3"	8' 11"	8' 10.6"	8' 10"	8' 9.2"	8' 8.2"	8' 6.6"	8' 4.8"
		F	9' 0.7"	9' 1"	9' 1.4"	9' 2"	9' 2.9"	9' 4.1"	9' 6"	9' 8.5"
10' 0"	N		9' 11.1"	9' 10.8"	9' 10.3"	9' 9.6"	9' 8.6"	9' 7.3"	9' 5.3"	9' 3"
		F	10' 0.9"	10' 1.3"	10' 1.8"	10' 2.5"	10' 3.7"	10' 5.1"	10' 7.6"	10' 10.7"
11' 0"	N		10' 10.9"	10' 10.5"	10' 9.9"	10' 9"	10' 7.8"	10' 6.3"	10' 3.9"	10' 1.1"
		F	11' 1.1"	11' 1.5"	11' 2.2"	11' 3.1"	11' 4.5"	11' 6.3"	11' 9.3"	12' 1.2"
12' 0"	N		11' 10.7"	11' 10.2"	11' 9.4"	11' 8.5"	11' 7"	11' 5.2"	11' 2.3"	10' 11.1"
		F	12' 1.3"	12' 1.8"	12' 2.7"	12' 3.7"	12' 5.4"	12' 7.6"	12' 11.3"	13' 4"
13' 0"	N		12' 10.5"	12' 9.9"	12' 9"	12' 7.8"	12' 6.1"	12' 4"	12' 0.7"	11' 8.8"
		F	13' 1.6"	13' 2.2"	13' 3.1"	13' 4.4"	13' 6.4"	13' 9"	14' 1.4"	14' 7.1"
15' 0"	N		14' 10"	14' 9.2"	14' 8"	14' 6.4"	14' 4.1"	14' 1.3"	13' 8.9"	13' 3.9"
		F	15' 2.1"	15' 2.9"	15' 4.2"	15' 6"	15' 8.7"	16' 0.2"	16' 6.3"	17' 2.2"
17' 0"	N		16' 9.4"	16' 8.3"	16' 6.8"	16' 4.8"	16' 1.9"	15' 10.3"	15' 4.7"	14' 10.4"
		F	17' 2.7"	17' 3.8"	17' 5.5"	17' 7.8"	17' 11.3"	18' 3.9"	19' 0"	19' 10.6"
20' 0"	N		19' 8.3"	19' 6.9"	19' 4.8"	19' 2"	18' 10"	18' 5.1"	17' 9.5"	17' 1.1"
		F	20' 3.8"	20' 5.3"	20' 7.7"	20' 11"	21' 4"	21' 10.5"	22' 10.3"	24' 1.9"
25' 0"	N		24' 6.2"	24' 4"	24' 0.7"	23' 8.4"	23' 2.2"	22' 6.8"	21' 7.4"	20' 7"
		F	25' 6"	25' 8.5"	26' 0.3"	26' 5.5"	27' 1.6"	28' 0.5"	29' 8.2"	31' 11.3"
30' 0"	N		29' 3.7"	29' 0.4"	28' 7.7"	28' 1.6"	27' 4.9"	26' 6.6"	25' 2.8"	23' 9.9"
		F	30' 8.8"	31' 0.4"	31' 5.9"	32' 1.7"	33' 1.8"	34' 6.2"	37' 0.8"	40' 8.1"
40' 0"	N		38' 9.2"	38' 3.5"	37' 7.3"	36' 8.7"	35' 5.8"	34' 0.6"	31' 10.8"	29' 7.9"
		F	41' 3.8"	41' 10.4"	42' 8.7"	43' 11.1"	45' 10.3"	48' 6.4"	53' 9.3"	61' 9.6"
60' 0"	N		57' 2.9"	56' 2.5"	54' 8.8"	52' 10.5"	50' 3.9"	47' 5.5"	43' 4.3"	39' 3.6"
		F	63' 0.5"	64' 4.1"	66' 4.9"	69' 4.5"	74' 4.4"	81' 8.7"	97' 10.9"	128' 6.6"
120' 0"	N		109' 4.6"	105' 7.8"	100' 6"	94' 4.5"	86' 5.8"	78' 3.6"	67' 8"	58' 2.4"
		F	132' 11"	138' 10.8"	148' 11.6"	164' 10.9"	196' 6"	258' 5.7"	546' 3"	INF
INF	N		1227' 0.7"	876' 7.9"	613' 10.4"	438' 8"	307' 3.2"	223' 7.8"	153' 11.7"	112' 2"
		F	INF	INF	INF	INF	INF	INF	INF	INF

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
1555' 1.0"	1111' 0.7"	778' 0.6"	556' 0.4"	389' 6.4"	283' 6.8"	195' 3.3"	142' 3.5"

CF = Close Focus range

U	Feet	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
3' 6"	N	3' 5.9"	3' 5.9"	3' 5.9"	3' 5.8"	3' 5.8"	3' 5.7"	3' 5.6"	3' 5.4"
	CF F	3' 6.1"	3' 6.1"	3' 6.1"	3' 6.2"	3' 6.2"	3' 6.3"	3' 6.5"	3' 6.7"
3' 9"	N	3' 8.9"	3' 8.9"	3' 8.9"	3' 8.8"	3' 8.7"	3' 8.6"	3' 8.5"	3' 8.3"
	CF F	3' 9.1"	3' 9.1"	3' 9.1"	3' 9.2"	3' 9.3"	3' 9.4"	3' 9.5"	3' 9.8"
4'	N	3' 11.9"	3' 11.9"	3' 11.8"	3' 11.8"	3' 11.7"	3' 11.6"	3' 11.4"	3' 11.1"
	CF F	4' 0.1"	4' 0.1"	4' 0.2"	4' 0.2"	4' 0.3"	4' 0.5"	4' 0.6"	4' 0.9"
4' 3"	N	4' 2.9"	4' 2.9"	4' 2.8"	4' 2.7"	4' 2.6"	4' 2.5"	4' 2.3"	4' 2.0"
	CF F	4' 3.1"	4' 3.1"	4' 3.2"	4' 3.3"	4' 3.4"	4' 3.5"	4' 3.7"	4' 4.1"
4' 6"	N	4' 5.9"	4' 5.9"	4' 5.8"	4' 5.7"	4' 5.6"	4' 5.4"	4' 5.2"	4' 4.8"
	CF F	4' 6.1"	4' 6.2"	4' 6.2"	4' 6.3"	4' 6.4"	4' 6.6"	4' 6.9"	4' 7.2"
4' 9"	N	4' 8.9"	4' 8.8"	4' 8.8"	4' 8.7"	4' 8.5"	4' 8.3"	4' 8.1"	4' 7.7"
	CF F	4' 9.1"	4' 9.2"	4' 9.2"	4' 9.3"	4' 9.5"	4' 9.7"	4' 10.0"	4' 10.4"
5' 0"	N	4' 11.9"	4' 11.8"	4' 11.7"	4' 11.6"	4' 11.5"	4' 11.2"	4' 10.9"	4' 10.5"
	CF F	5' 0.1"	5' 0.2"	5' 0.3"	5' 0.4"	5' 0.6"	5' 0.8"	5' 1.1"	5' 1.6"
5' 3"	N	5' 2.8"	5' 2.8"	5' 2.7"	5' 2.6"	5' 2.4"	5' 2.1"	5' 1.8"	5' 1.3"
	CF F	5' 3.2"	5' 3.2"	5' 3.3"	5' 3.4"	5' 3.6"	5' 3.9"	5' 4.2"	5' 4.8"
5' 6"	N	5' 5.8"	5' 5.8"	5' 5.7"	5' 5.5"	5' 5.3"	5' 5.1"	5' 4.7"	5' 4.1"
	F	5' 6.2"	5' 6.2"	5' 6.3"	5' 6.5"	5' 6.7"	5' 7.0"	5' 7.4"	5' 8.0"
5' 9"	N	5' 8.8"	5' 8.7"	5' 8.6"	5' 8.5"	5' 8.3"	5' 7.9"	5' 7.5"	5' 6.9"
	F	5' 9.2"	5' 9.3"	5' 9.4"	5' 9.5"	5' 9.8"	5' 10.1"	5' 10.6"	5' 11.2"
6' 0"	N	5' 11.8"	5' 11.7"	5' 11.6"	5' 11.4"	5' 11.2"	5' 10.8"	5' 10.4"	5' 9.7"
	F	6' 0.2"	6' 0.3"	6' 0.4"	6' 0.6"	6' 0.8"	6' 1.2"	6' 1.7"	6' 2.4"
6' 3"	N	6' 2.8"	6' 2.7"	6' 2.5"	6' 2.4"	6' 2.1"	6' 1.7"	6' 1.2"	6' 0.5"
	F	6' 3.2"	6' 3.3"	6' 3.5"	6' 3.7"	6' 3.9"	6' 4.3"	6' 4.9"	6' 5.7"
6' 6"	N	6' 5.7"	6' 5.6"	6' 5.5"	6' 5.3"	6' 5.0"	6' 4.6"	6' 4.0"	6' 3.3"
	F	6' 6.3"	6' 6.4"	6' 6.5"	6' 6.7"	6' 7.0"	6' 7.4"	6' 8.1"	6' 9.0"
7' 0"	N	6' 11.7"	6' 11.6"	6' 11.4"	6' 11.2"	6' 10.8"	6' 10.4"	6' 9.7"	6' 8.8"
	F	7' 0.3"	7' 0.4"	7' 0.6"	7' 0.8"	7' 1.2"	7' 1.7"	7' 2.4"	7' 3.5"
7' 6"	N	7' 5.7"	7' 5.5"	7' 5.3"	7' 5.0"	7' 4.6"	7' 4.1"	7' 3.3"	7' 2.3"
	F	7' 6.3"	7' 6.5"	7' 6.7"	7' 7.0"	7' 7.4"	7' 8.0"	7' 8.9"	7' 10.1"
8' 0"	N	7' 11.6"	7' 11.4"	7' 11.2"	7' 10.9"	7' 10.4"	7' 9.8"	7' 8.9"	7' 7.7"
	F	8' 0.4"	8' 0.6"	8' 0.8"	8' 1.1"	8' 1.6"	8' 2.3"	8' 3.3"	8' 4.8"
8' 6"	N	8' 5.5"	8' 5.4"	8' 5.1"	8' 4.7"	8' 4.2"	8' 3.5"	8' 2.5"	8' 1.1"
	F	8' 6.5"	8' 6.7"	8' 6.9"	8' 7.3"	8' 7.9"	8' 8.7"	8' 9.8"	8' 11.5"
9' 0"	N	8' 11.5"	8' 11.3"	8' 11.0"	8' 10.6"	8' 10.0"	8' 9.1"	8' 8.0"	8' 6.4"
	F	9' 0.5"	9' 0.7"	9' 1.0"	9' 1.5"	9' 2.1"	9' 3.0"	9' 4.3"	9' 6.2"
10' 0"	N	9' 11.4"	9' 11.1"	9' 10.7"	9' 10.2"	9' 9.4"	9' 8.4"	9' 7.0"	9' 5.1"
	F	10' 0.7"	10' 0.9"	10' 1.3"	10' 1.9"	10' 2.7"	10' 3.8"	10' 5.5"	10' 7.9"
11' 0"	N	10' 11.2"	10' 10.9"	10' 10.4"	10' 9.8"	10' 8.9"	10' 7.6"	10' 5.9"	10' 3.5"
	F	11' 0.8"	11' 1.1"	11' 1.6"	11' 2.3"	11' 3.3"	11' 4.7"	11' 6.8"	11' 9.8"
12' 0"	N	11' 11.0"	11' 10.6"	11' 10.1"	11' 9.3"	11' 8.2"	11' 6.7"	11' 4.7"	11' 1.8"
	F	12' 1.0"	12' 1.4"	12' 2.0"	12' 2.8"	12' 4.0"	12' 5.7"	12' 8.2"	12' 11.9"
13' 0"	N	12' 10.9"	12' 10.4"	12' 9.7"	12' 8.8"	12' 7.5"	12' 5.8"	12' 3.3"	12' 0.0"
	F	13' 1.2"	13' 1.6"	13' 2.3"	13' 3.3"	13' 4.7"	13' 6.8"	13' 9.8"	14' 2.3"
15' 0"	N	14' 10.5"	14' 9.8"	14' 8.9"	14' 7.7"	14' 6.0"	14' 3.6"	14' 0.4"	13' 8.0"
	F	15' 1.6"	15' 2.2"	15' 3.2"	15' 4.5"	15' 6.5"	15' 9.3"	16' 1.4"	16' 7.6"

Cooke S4

150mm

(cont.)

Feet

CF = Close Focus range

U	Feet	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
17' 0	N	16' 10.0"	16' 9.2"	16' 8.0"	16' 6.4"	16' 4.2"	16' 1.1"	15' 9.0"	15' 3.4"
	F	17' 2.1"	17' 2.9"	17' 4.1"	17' 5.9"	17' 8.5"	18' 0.2"	18' 5.7"	19' 2.0"
20' 0	N	19' 9.2"	19' 8.0"	19' 6.4"	19' 4.2"	19' 1.1"	18' 8.9"	18' 3.2"	17' 7.6"
	F	20' 2.9"	20' 4.1"	20' 5.8"	20' 8.4"	21' 0.0"	21' 5.3"	22' 1.3"	23' 1.4"
25' 0	N	24' 7.5"	24' 5.7"	24' 3.2"	23' 11.7"	23' 6.9"	23' 0.4"	22' 3.7"	21' 4.3"
	F	25' 4.6"	25' 6.6"	25' 9.4"	26' 1.4"	26' 7.3"	27' 4.1"	28' 5.4"	30' 2.1"
30' 0	N	29' 5.5"	29' 2.9"	28' 11.3"	28' 6.3"	27' 11.4"	27' 2.2"	26' 2.0"	24' 10.3"
	F	30' 6.7"	30' 9.6"	31' 1.7"	31' 7.7"	32' 4.5"	33' 5.7"	35' 2.1"	37' 10.6"
40' 0	N	39' 0.4"	38' 7.7"	38' 1.3"	37' 4.6"	36' 4.7"	35' 1.0"	33' 4.7"	31' 3.1"
	F	41' 0.2"	41' 5.5"	42' 1.1"	43' 0.2"	44' 4.9"	46' 6.5"	49' 11.1"	55' 8.0"
60' 0	N	57' 9.8"	56' 11.6"	55' 9.5"	54' 2.6"	52' 1.7"	49' 5.6"	46' 1.4"	42' 1.1"
	F	62' 4.2"	63' 4.6"	64' 10.8"	67' 2.1"	70' 8.1"	76' 3.7"	86' 0.1"	104' 10.9"
80' 0	N	76' 1.7"	74' 7.9"	72' 7.8"	69' 11.8"	66' 6.5"	62' 2.5"	56' 11.7"	50' 11.0"
	F	84' 3.2"	86' 2.1"	89' 0.2"	93' 4.6"	100' 4.2"	112' 2.2"	134' 8.2"	188' 1.3"
120' 0	N	111' 5.7"	108' 3.5"	104' 1.0"	98' 8.1"	91' 10.9"	83' 9.6"	74' 6.1"	64' 5.1"
	F	129' 11.3"	134' 6.7"	141' 8.2"	153' 1.9"	172' 11.7"	211' 9.2"	310' 3.1"	909' 4.8"
240' 0	N	207' 11.7"	197' 1.0"	183' 6.0"	167' 2.5"	148' 6.8"	128' 4.2"	107' 7.8"	87' 8.2"
	F	283' 8.5"	306' 10.4"	346' 11.2"	425' 6.3"	626' 3.3"	1884' 9.4"	INF	INF
INF	N	1547' 2.1"	1093' 11.0"	773' 5.0"	546' 9.5"	386' 6.5"	273' 2.8"	193' 1.2"	136' 5.4"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

180mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
2238' 11.7"	1599' 7.3"	1120' 0.6"	800' 4.3"	560' 6.8"	408' 0.1"	280' 10.1"	204' 6.7"

CF = Close Focus range

U	Feet	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
4' 3	N	4' 2.9"	4' 2.9"	4' 2.9"	4' 2.8"	4' 2.8"	4' 2.7"	4' 2.5"	4' 2.3"
CF	F	4' 3.1"	4' 3.1"	4' 3.1"	4' 3.2"	4' 3.2"	4' 3.3"	4' 3.5"	4' 3.7"
4' 6	N	4' 5.9"	4' 5.9"	4' 5.9"	4' 5.8"	4' 5.7"	4' 5.6"	4' 5.5"	4' 5.2"
CF	F	4' 6.1"	4' 6.1"	4' 6.1"	4' 6.2"	4' 6.3"	4' 6.4"	4' 6.6"	4' 6.8"
4' 9	N	4' 8.9"	4' 8.9"	4' 8.8"	4' 8.8"	4' 8.7"	4' 8.6"	4' 8.4"	4' 8.1"
CF	F	4' 9.1"	4' 9.1"	4' 9.2"	4' 9.2"	4' 9.3"	4' 9.5"	4' 9.6"	4' 9.9"
5' 0	N	4' 11.9"	4' 11.9"	4' 11.8"	4' 11.7"	4' 11.6"	4' 11.5"	4' 11.3"	4' 11.0"
CF	F	5' 0.1"	5' 0.1"	5' 0.2"	5' 0.3"	5' 0.4"	5' 0.5"	5' 0.7"	5' 1.0"
5' 3	N	5' 2.9"	5' 2.9"	5' 2.8"	5' 2.7"	5' 2.6"	5' 2.4"	5' 2.2"	5' 1.9"
CF	F	5' 3.1"	5' 3.1"	5' 3.2"	5' 3.3"	5' 3.4"	5' 3.6"	5' 3.8"	5' 4.2"
5' 6	N	5' 5.9"	5' 5.8"	5' 5.8"	5' 5.7"	5' 5.5"	5' 5.4"	5' 5.1"	5' 4.7"
CF	F	5' 6.1"	5' 6.2"	5' 6.2"	5' 6.3"	5' 6.5"	5' 6.6"	5' 6.9"	5' 7.3"
5' 9	N	5' 8.9"	5' 8.8"	5' 8.7"	5' 8.6"	5' 8.5"	5' 8.3"	5' 8.0"	5' 7.6"
CF	F	5' 9.1"	5' 9.2"	5' 9.3"	5' 9.4"	5' 9.5"	5' 9.7"	5' 10.0"	5' 10.5"
6' 0	N	5' 11.9"	5' 11.8"	5' 11.7"	5' 11.6"	5' 11.4"	5' 11.2"	5' 10.9"	5' 10.5"
CF	F	6' 0.1"	6' 0.2"	6' 0.3"	6' 0.4"	6' 0.6"	6' 0.8"	6' 1.1"	6' 1.6"
6' 3	N	6' 2.8"	6' 2.8"	6' 2.7"	6' 2.6"	6' 2.4"	6' 2.1"	6' 1.8"	6' 1.3"
CF	F	6' 3.2"	6' 3.2"	6' 3.3"	6' 3.4"	6' 3.6"	6' 3.9"	6' 4.3"	6' 4.8"
6' 6	N	6' 5.8"	6' 5.8"	6' 5.7"	6' 5.5"	6' 5.3"	6' 5.1"	6' 4.7"	6' 4.1"
	F	6' 6.2"	6' 6.2"	6' 6.3"	6' 6.5"	6' 6.7"	6' 7.0"	6' 7.4"	6' 8.0"
7' 0	N	6' 11.8"	6' 11.7"	6' 11.6"	6' 11.4"	6' 11.2"	6' 10.9"	6' 10.4"	6' 9.8"
	F	7' 0.2"	7' 0.3"	7' 0.4"	7' 0.6"	7' 0.8"	7' 1.1"	7' 1.6"	7' 2.3"
7' 6	N	7' 5.8"	7' 5.7"	7' 5.5"	7' 5.3"	7' 5.1"	7' 4.7"	7' 4.2"	7' 3.4"
	F	7' 6.2"	7' 6.3"	7' 6.5"	7' 6.7"	7' 6.9"	7' 7.3"	7' 7.9"	7' 8.7"
8' 0	N	7' 11.7"	7' 11.6"	7' 11.5"	7' 11.2"	7' 10.9"	7' 10.5"	7' 9.9"	7' 9.0"
	F	8' 0.3"	8' 0.4"	8' 0.5"	8' 0.8"	8' 1.1"	8' 1.6"	8' 2.2"	8' 3.2"
8' 6	N	8' 5.7"	8' 5.6"	8' 5.4"	8' 5.1"	8' 4.8"	8' 4.3"	8' 3.6"	8' 2.6"
	F	8' 6.3"	8' 6.4"	8' 6.6"	8' 6.9"	8' 7.3"	8' 7.8"	8' 8.6"	8' 9.7"
9' 0	N	8' 11.6"	8' 11.5"	8' 11.3"	8' 11.0"	8' 10.6"	8' 10.0"	8' 9.3"	8' 8.2"
	F	9' 0.4"	9' 0.5"	9' 0.7"	9' 1.0"	9' 1.4"	9' 2.0"	9' 2.9"	9' 4.2"
10' 0	N	9' 11.6"	9' 11.4"	9' 11.1"	9' 10.8"	9' 10.2"	9' 9.5"	9' 8.5"	9' 7.2"
	F	10' 0.4"	10' 0.6"	10' 0.9"	10' 1.3"	10' 1.8"	10' 2.6"	10' 3.7"	10' 5.3"
11' 0	N	10' 11.5"	10' 11.2"	10' 10.9"	10' 10.5"	10' 9.8"	10' 9.0"	10' 7.7"	10' 6.1"
	F	11' 0.6"	11' 0.8"	11' 1.1"	11' 1.6"	11' 2.2"	11' 3.2"	11' 4.6"	11' 6.5"
12' 0	N	11' 11.3"	11' 11.1"	11' 10.7"	11' 10.1"	11' 9.4"	11' 8.3"	11' 6.9"	11' 4.9"
	F	12' 0.7"	12' 0.9"	12' 1.3"	12' 1.9"	12' 2.7"	12' 3.9"	12' 5.5"	12' 8.0"
13' 0	N	12' 11.2"	12' 10.9"	12' 10.4"	12' 9.8"	12' 8.9"	12' 7.7"	12' 5.9"	12' 3.6"
	F	13' 0.8"	13' 1.1"	13' 1.6"	13' 2.3"	13' 3.2"	13' 4.6"	13' 6.6"	13' 9.5"
15' 0	N	14' 10.9"	14' 10.5"	14' 9.9"	14' 9.0"	14' 7.8"	14' 6.1"	14' 3.8"	14' 0.6"
	F	15' 1.1"	15' 1.5"	15' 2.2"	15' 3.1"	15' 4.4"	15' 6.3"	15' 9.0"	16' 1.1"
17' 0	N	16' 10.6"	16' 10.0"	16' 9.2"	16' 8.1"	16' 6.5"	16' 4.4"	16' 1.4"	15' 9.3"
	F	17' 1.4"	17' 2.0"	17' 2.8"	17' 4.0"	17' 5.8"	17' 8.3"	17' 11.9"	18' 5.2"
20' 0	N	19' 10.0"	19' 9.2"	19' 8.1"	19' 6.5"	19' 4.4"	19' 1.3"	18' 9.2"	18' 3.6"
	F	20' 2.0"	20' 2.8"	20' 4.0"	20' 5.7"	20' 8.2"	20' 11.7"	21' 4.9"	22' 0.7"

Cooke S4

180mm

(cont.)

Feet

CF = Close Focus range

U	Feet	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
25' 0	N	24' 8.9"	24' 7.6"	24' 5.8"	24' 3.4"	23' 11.9"	23' 7.2"	23' 0.8"	22' 4.3"
	F	25' 3.2"	25' 4.5"	25' 6.4"	25' 9.2"	26' 1.1"	26' 6.9"	27' 3.5"	28' 4.5"
30' 0	N	29' 7.5"	29' 5.6"	29' 3.1"	28' 11.5"	28' 6.6"	27' 11.8"	27' 2.7"	26' 2.7"
	F	30' 4.6"	30' 6.6"	30' 9.4"	31' 1.5"	31' 7.4"	32' 4.0"	33' 5.0"	35' 0.8"
40' 0	N	39' 3.9"	39' 0.6"	38' 8.0"	38' 1.7"	37' 5.0"	36' 5.3"	35' 1.8"	33' 5.7"
	F	40' 8.4"	41' 0.0"	41' 5.2"	42' 0.7"	42' 11.7"	44' 4.1"	46' 5.1"	49' 9.0"
60' 0	N	58' 5.5"	57' 10.2"	57' 0.0"	55' 10.1"	54' 3.5"	52' 2.8"	49' 6.9"	46' 3.1"
	F	61' 7.5"	62' 3.9"	63' 4.0"	64' 10.0"	67' 0.8"	70' 6.2"	76' 0.6"	85' 6.6"
80' 0	N	77' 3.2"	76' 2.3"	74' 8.6"	72' 8.7"	70' 1.1"	66' 8.0"	62' 4.5"	57' 2.0"
	F	82' 11.2"	84' 2.6"	86' 1.2"	88' 10.9"	93' 2.5"	100' 0.7"	111' 8.1"	133' 7.7"
120' 0	N	113' 10.9"	111' 6.7"	108' 4.9"	104' 2.8"	98' 10.3"	92' 1.7"	84' 0.9"	74' 9.9"
	F	126' 9.4"	129' 9.9"	134' 4.7"	141' 5.0"	152' 8.6"	172' 2.2"	210' 1.1"	305' 3.3"
240' 0	N	216' 7.6"	208' 2.9"	197' 5.1"	183' 11.1"	167' 8.5"	149' 1.5"	128' 11.2"	108' 2.9"
	F	269' 0.3"	283' 2.6"	306' 0.7"	345' 5.6"	422' 5.2"	616' 11.1"	1771' 4.6"	1074' 5.3"
INF	N	2207' 10.6"	1561' 4.3"	1104' 2.3"	780' 11.1"	552' 4.2"	390' 8.6"	276' 5.1"	195' 7.3"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

300mm

Feet

Hyperfocal Setting						
T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
4441' 8.4"	3109' 7.6"	2221' 7.0"	1555' 6.6"	1131' 8.5"	778' 6.1"	566' 7.0"

U	Feet	Apertures						
		T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
7'	N	6' 11.9"	6' 11.9"	6' 11.8"	6' 11.7"	6' 11.6"	6' 11.5"	6' 11.2"
	F	7' 0.1"	7' 0.1"	7' 0.2"	7' 0.3"	7' 0.4"	7' 0.6"	7' 0.8"
7' 6"	N	7' 5.9"	7' 5.8"	7' 5.8"	7' 5.7"	7' 5.5"	7' 5.4"	7' 5.1"
	F	7' 6.1"	7' 6.2"	7' 6.2"	7' 6.3"	7' 6.5"	7' 6.6"	7' 6.9"
8'	N	7' 11.9"	7' 11.8"	7' 11.7"	7' 11.6"	7' 11.5"	7' 11.3"	7' 11.0"
	F	8' 0.1"	8' 0.2"	8' 0.3"	8' 0.4"	8' 0.5"	8' 0.8"	8' 1.1"
8' 6"	N	8' 0.0"	7' 11.9"	7' 11.9"	7' 11.8"	7' 11.6"	7' 11.4"	7' 11.1"
	F	8' 0.2"	8' 0.3"	8' 0.4"	8' 0.5"	8' 0.6"	8' 0.8"	8' 1.2"
9'	N	8' 11.8"	8' 11.8"	8' 11.7"	8' 11.5"	8' 11.3"	8' 11.0"	8' 10.6"
	F	9' 0.2"	9' 0.2"	9' 0.3"	9' 0.5"	9' 0.7"	9' 1.0"	9' 1.4"
9' 6"	N	9' 5.8"	9' 5.7"	9' 5.6"	9' 5.5"	9' 5.2"	9' 4.9"	9' 4.5"
	F	9' 6.2"	9' 6.3"	9' 6.4"	9' 6.6"	9' 6.8"	9' 7.1"	9' 7.6"
10'	N	9' 11.8"	9' 11.7"	9' 11.6"	9' 11.4"	9' 11.1"	9' 10.8"	9' 10.3"
	F	10' 0.2"	10' 0.3"	10' 0.4"	10' 0.6"	10' 0.9"	10' 1.2"	10' 1.8"
11'	N	10' 11.7"	10' 11.6"	10' 11.5"	10' 11.2"	10' 10.9"	10' 10.5"	10' 9.9"
	F	11' 0.3"	11' 0.4"	11' 0.5"	11' 0.8"	11' 1.1"	11' 1.5"	11' 2.2"
12'	N	11' 11.7"	11' 11.5"	11' 11.4"	11' 11.1"	11' 10.7"	11' 10.2"	11' 9.5"
	F	12' 0.3"	12' 0.5"	12' 0.7"	12' 0.9"	12' 1.3"	12' 1.9"	12' 2.7"
13'	N	12' 11.6"	12' 11.5"	12' 11.2"	12' 10.9"	12' 10.5"	12' 9.8"	12' 9.0"
	F	13' 0.4"	13' 0.5"	13' 0.8"	13' 1.1"	13' 1.6"	13' 2.2"	13' 3.2"
15'	N	14' 11.5"	14' 11.3"	14' 11.0"	14' 10.5"	14' 9.9"	14' 9.1"	14' 7.9"
	F	15' 0.5"	15' 0.7"	15' 1.1"	15' 1.5"	15' 2.1"	15' 3.0"	15' 4.3"
17'	N	16' 11.3"	16' 11.0"	16' 10.6"	16' 10.1"	16' 9.3"	16' 8.2"	16' 6.6"
	F	17' 0.7"	17' 1.0"	17' 1.4"	17' 2.0"	17' 2.8"	17' 4.0"	17' 5.7"
20'	N	19' 11.0"	19' 10.6"	19' 10.1"	19' 9.3"	19' 8.2"	19' 6.6"	19' 4.5"
	F	20' 1.0"	20' 1.4"	20' 2.0"	20' 2.8"	20' 4.0"	20' 5.6"	20' 8.1"
22'	N	21' 10.8"	21' 10.3"	21' 9.6"	21' 8.7"	21' 7.3"	21' 5.5"	21' 2.9"
	F	22' 1.2"	22' 1.7"	22' 2.4"	22' 3.4"	22' 4.9"	22' 6.9"	22' 9.9"
25'	N	24' 10.5"	24' 9.8"	24' 8.9"	24' 7.7"	24' 5.9"	24' 3.5"	24' 0.1"
	F	25' 1.6"	25' 2.2"	25' 3.1"	25' 4.5"	25' 6.4"	25' 9.1"	26' 1.0"
30'	N	29' 9.7"	29' 8.8"	29' 7.5"	29' 5.7"	29' 3.2"	28' 11.6"	28' 6.8"
	F	30' 2.3"	30' 3.2"	30' 4.6"	30' 6.5"	30' 9.3"	31' 1.3"	31' 7.2"
35'	N	34' 8.9"	34' 7.6"	34' 5.9"	34' 3.4"	33' 11.9"	33' 7.1"	33' 0.5"
	F	35' 3.1"	35' 4.5"	35' 6.3"	35' 9.0"	36' 0.9"	36' 6.5"	37' 2.7"
40'	N	39' 7.9"	39' 6.3"	39' 3.9"	39' 0.7"	38' 8.1"	38' 1.9"	37' 5.3"
	F	40' 4.1"	40' 5.9"	40' 8.4"	40' 11.9"	41' 5.1"	42' 0.5"	42' 11.4"
50'	N	49' 5.6"	49' 3.0"	48' 11.3"	48' 6.2"	47' 11.2"	47' 1.5"	46' 0.4"
	F	50' 6.6"	50' 9.3"	51' 1.3"	51' 7.0"	52' 3.2"	53' 3.2"	54' 9.1"
60'	N	59' 2.7"	58' 10.9"	58' 5.7"	57' 10.4"	57' 0.3"	55' 10.5"	54' 4.0"
	F	60' 9.5"	61' 1.6"	61' 7.4"	62' 3.7"	63' 3.8"	64' 9.7"	67' 0.4"
80'	N	78' 7.4"	78' 0.7"	77' 3.4"	76' 2.6"	74' 9.0"	72' 9.3"	70' 1.9"
	F	81' 5.2"	82' 0.5"	82' 11.0"	84' 2.3"	86' 0.8"	88' 10.4"	93' 1.9"
120'	N	116' 10.7"	115' 7.8"	113' 11.3"	111' 7.3"	108' 5.6"	104' 3.9"	98' 11.9"
	F	123' 3.4"	124' 8.4"	126' 9.1"	129' 9.4"	134' 4.0"	141' 4.1"	152' 7.4"
160'	N	154' 5.9"	152' 3.9"	149' 4.3"	145' 4.3"	140' 0.7"	133' 2.4"	124' 7.1"
	F	165' 11.0"	168' 6.0"	172' 3.6"	177' 11.6"	186' 8.0"	200' 6.6"	224' 2.0"
240'	N	227' 9.2"	223' 0.8"	216' 8.8"	208' 4.5"	197' 7.3"	184' 2.1"	168' 0.4"
	F	253' 7.6"	259' 9.0"	268' 11.0"	283' 0.8"	305' 10.0"	345' 1.8"	422' 0.1"
480'	N	433' 3.1"	416' 5.7"	394' 10.2"	367' 10.2"	335' 5.4"	298' 3.9"	258' 0.2"
	F	538' 1.2"	566' 6.2"	612' 3.2"	691' 3.3"	845' 8.9"	1237' 2.2"	3593' 7.2"
INF	N	4429' 11.0"	3133' 0.0"	2215' 11.3"	1567' 5.7"	1108' 11.4"	784' 8.6"	555' 5.4"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke S4

12mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
3.16	2.30	1.65	1.21	0.89	0.68	0.51	0.41

U	Metres	Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.225	N	0.222	0.221	0.220	0.218	0.215	0.212	0.207	0.201
	F	0.228	0.229	0.231	0.234	0.238	0.244	0.254	0.272
0.25	N	0.246	0.244	0.242	0.239	0.235	0.229	0.223	0.215
	F	0.255	0.257	0.260	0.264	0.271	0.282	0.300	0.336
0.275	N	0.269	0.266	0.263	0.259	0.253	0.246	0.237	0.226
	F	0.282	0.285	0.289	0.296	0.307	0.324	0.356	0.424
0.30	N	0.292	0.288	0.284	0.278	0.271	0.261	0.250	0.237
	F	0.309	0.314	0.320	0.330	0.345	0.372	0.423	0.548
0.325	N	0.314	0.310	0.304	0.297	0.287	0.275	0.262	0.246
	F	0.337	0.343	0.352	0.365	0.387	0.426	0.506	0.741
0.35	N	0.336	0.331	0.324	0.315	0.303	0.289	0.273	0.254
	F	0.366	0.373	0.385	0.402	0.432	0.487	0.612	1.079
0.40	N	0.379	0.372	0.361	0.348	0.332	0.313	0.292	0.269
	F	0.425	0.436	0.454	0.483	0.535	0.641	0.941	INF
0.45	N	0.421	0.411	0.397	0.380	0.359	0.335	0.309	0.281
	F	0.485	0.502	0.529	0.574	0.659	0.856	1.658	INF
0.50	N	0.462	0.449	0.431	0.410	0.384	0.355	0.323	0.291
	F	0.548	0.571	0.610	0.677	0.812	1.177	4.441	INF
0.60	N	0.540	0.520	0.494	0.463	0.427	0.388	0.347	0.308
	F	0.680	0.721	0.792	0.928	1.251	2.760	INF	INF
0.70	N	0.615	0.586	0.552	0.510	0.464	0.415	0.367	0.320
	F	0.822	0.889	1.010	1.266	2.058	INF	INF	INF
0.80	N	0.685	0.648	0.604	0.553	0.496	0.439	0.382	0.330
	F	0.975	1.077	1.273	1.747	4.026	INF	INF	INF
1.00	N	0.816	0.760	0.696	0.624	0.549	0.475	0.406	0.345
	F	1.320	1.534	2.012	3.761	INF	INF	INF	INF
1.20	N	0.934	0.859	0.774	0.683	0.591	0.503	0.423	0.356
	F	1.729	2.140	3.289	16.641	INF	INF	INF	INF
1.50	N	1.092	0.987	0.872	0.753	0.639	0.533	0.442	0.367
	F	2.506	3.544	9.069	INF	INF	INF	INF	INF
2.00	N	1.315	1.159	0.997	0.840	0.695	0.568	0.462	0.378
	F	4.561	10.365	INF	INF	INF	INF	INF	INF
3.00	N	1.651	1.403	1.165	0.948	0.761	0.607	0.484	0.390
	F	25.529	INF	INF	INF	INF	INF	INF	INF
5.00	N	2.074	1.687	1.344	1.056	0.824	0.642	0.503	0.400
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	3.365	2.418	1.748	1.274	0.939	0.702	0.534	0.416
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

14mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
4.260	3.080	2.190	1.610	1.160	0.880	0.650	0.510

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.25	N	0.247	0.245	0.243	0.241	0.237	0.233	0.227	0.221
	F	0.254	0.255	0.258	0.261	0.266	0.274	0.288	0.309
0.30	N	0.293	0.291	0.287	0.282	0.276	0.268	0.258	0.247
	F	0.307	0.311	0.315	0.323	0.334	0.351	0.386	0.446
0.35	N	0.339	0.335	0.329	0.321	0.311	0.300	0.284	0.269
	F	0.362	0.368	0.376	0.389	0.410	0.442	0.517	0.671
0.40	N	0.383	0.377	0.369	0.358	0.344	0.329	0.308	0.288
	F	0.419	0.427	0.441	0.461	0.496	0.552	0.699	1.108
0.45	N	0.427	0.419	0.407	0.393	0.375	0.355	0.328	0.304
	F	0.477	0.489	0.508	0.538	0.593	0.687	0.972	2.322
0.50	N	0.470	0.459	0.444	0.426	0.403	0.379	0.347	0.318
	F	0.536	0.553	0.580	0.623	0.705	0.856	1.425	23.106
0.60	N	0.553	0.536	0.514	0.488	0.454	0.421	0.378	0.341
	F	0.660	0.688	0.736	0.816	0.985	1.366	4.966	INF
0.70	N	0.632	0.609	0.578	0.543	0.500	0.457	0.404	0.359
	F	0.790	0.834	0.913	1.051	1.381	2.403	INF	INF
0.80	N	0.708	0.678	0.638	0.594	0.540	0.488	0.425	0.374
	F	0.927	0.992	1.114	1.341	1.983	5.641	INF	INF
1.00	N	0.851	0.805	0.746	0.682	0.607	0.538	0.459	0.397
	F	1.226	1.353	1.611	2.192	5.136	INF	INF	INF
1.20	N	0.984	0.920	0.841	0.757	0.662	0.578	0.485	0.414
	F	1.563	1.788	2.298	3.812	INF	INF	INF	INF
1.50	N	1.165	1.073	0.962	0.850	0.728	0.624	0.513	0.432
	F	2.155	2.634	4.013	14.768	INF	INF	INF	INF
2.00	N	1.428	1.287	1.125	0.968	0.808	0.677	0.545	0.451
	F	3.473	5.012	15.930	INF	INF	INF	INF	INF
3.00	N	1.844	1.606	1.352	1.124	0.907	0.740	0.580	0.472
	F	8.959	52.404	INF	INF	INF	INF	INF	INF
5.00	N	2.403	2.004	1.613	1.290	1.005	0.800	0.612	0.490
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	4.401	3.182	2.267	1.657	1.199	0.908	0.666	0.520
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

16mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
5.520	3.980	2.830	2.060	1.480	1.110	0.810	0.620

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.25	N	0.247	0.246	0.245	0.243	0.240	0.236	0.231	0.226
	F	0.253	0.254	0.256	0.258	0.262	0.268	0.278	0.292
0.30	N	0.295	0.292	0.289	0.286	0.280	0.274	0.265	0.255
	F	0.306	0.308	0.312	0.318	0.326	0.338	0.363	0.400
0.35	N	0.341	0.338	0.333	0.326	0.318	0.308	0.294	0.280
	F	0.360	0.364	0.371	0.380	0.396	0.419	0.467	0.553
0.40	N	0.386	0.381	0.374	0.365	0.353	0.340	0.320	0.302
	F	0.415	0.422	0.432	0.447	0.473	0.511	0.600	0.784
0.45	N	0.431	0.424	0.415	0.403	0.386	0.369	0.344	0.321
	F	0.471	0.481	0.496	0.518	0.557	0.619	0.775	1.178
0.50	N	0.475	0.466	0.453	0.438	0.417	0.395	0.365	0.337
	F	0.529	0.542	0.562	0.594	0.651	0.745	1.014	1.996
0.60	N	0.561	0.547	0.528	0.505	0.475	0.443	0.403	0.366
	F	0.647	0.669	0.705	0.762	0.872	1.079	1.913	INF
0.70	N	0.643	0.624	0.597	0.566	0.526	0.485	0.434	0.389
	F	0.771	0.805	0.862	0.957	1.155	1.597	5.380	INF
0.80	N	0.723	0.697	0.662	0.622	0.572	0.522	0.460	0.408
	F	0.900	0.949	1.035	1.184	1.529	2.502	INF	INF
1.00	N	0.875	0.834	0.781	0.722	0.651	0.583	0.503	0.437
	F	1.176	1.268	1.442	1.778	2.810	12.561	INF	INF
1.20	N	1.017	0.960	0.888	0.808	0.717	0.632	0.535	0.459
	F	1.479	1.636	1.956	2.678	6.410	INF	INF	INF
1.50	N	1.214	1.130	1.027	0.918	0.797	0.690	0.572	0.483
	F	1.993	2.306	3.042	5.436	INF	INF	INF	INF
2.00	N	1.505	1.374	1.218	1.062	0.898	0.759	0.614	0.510
	F	3.055	3.908	6.852	INF	INF	INF	INF	INF
3.00	N	1.980	1.749	1.495	1.259	1.027	0.844	0.663	0.539
	F	6.547	12.836	INF	INF	INF	INF	INF	INF
5.00	N	2.646	2.239	1.827	1.477	1.159	0.925	0.707	0.565
	F	77.501	INF	INF	INF	INF	INF	INF	INF
10.00	N	3.540	2.833	2.192	1.698	1.283	0.997	0.745	0.586
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	5.344	3.855	2.739	1.995	1.437	1.082	0.786	0.609
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

18mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
6.930	4.990	3.520	2.550	1.820	1.350	0.970	0.730

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.25	N	0.247	0.246	0.244	0.242	0.239	0.235	0.229	0.223
	F	0.253	0.254	0.256	0.259	0.263	0.269	0.280	0.295
0.30	N	0.295	0.292	0.289	0.286	0.280	0.274	0.264	0.254
	F	0.306	0.308	0.312	0.317	0.325	0.337	0.359	0.392
0.35	N	0.341	0.338	0.333	0.328	0.319	0.310	0.295	0.281
	F	0.359	0.363	0.369	0.378	0.392	0.412	0.452	0.517
0.40	N	0.388	0.383	0.376	0.368	0.356	0.343	0.324	0.305
	F	0.414	0.419	0.428	0.441	0.463	0.495	0.562	0.683
0.45	N	0.433	0.427	0.418	0.407	0.392	0.375	0.350	0.327
	F	0.469	0.477	0.490	0.508	0.540	0.587	0.695	0.914
0.50	N	0.478	0.470	0.459	0.444	0.425	0.404	0.375	0.346
	F	0.525	0.536	0.553	0.578	0.622	0.691	0.859	1.258
0.60	N	0.566	0.554	0.536	0.515	0.488	0.458	0.418	0.380
	F	0.640	0.657	0.686	0.730	0.809	0.943	1.334	2.927
0.70	N	0.652	0.634	0.610	0.582	0.545	0.506	0.454	0.408
	F	0.758	0.785	0.829	0.898	1.030	1.276	2.216	70.095
0.80	N	0.735	0.712	0.681	0.644	0.597	0.549	0.487	0.432
	F	0.881	0.918	0.983	1.086	1.297	1.740	4.420	INF
1.00	N	0.895	0.859	0.812	0.757	0.689	0.622	0.540	0.471
	F	1.138	1.206	1.328	1.538	2.039	3.552	INF	INF
1.20	N	1.046	0.996	0.931	0.857	0.768	0.684	0.582	0.500
	F	1.414	1.526	1.734	2.131	3.302	11.730	INF	INF
1.50	N	1.260	1.185	1.091	0.987	0.868	0.758	0.632	0.533
	F	1.868	2.076	2.501	3.469	8.693	INF	INF	INF
2.00	N	1.582	1.463	1.316	1.164	0.996	0.850	0.690	0.571
	F	2.749	3.247	4.485	9.355	INF	INF	INF	INF
3.00	N	2.127	1.910	1.660	1.417	1.169	0.966	0.760	0.614
	F	5.209	7.457	21.821	INF	INF	INF	INF	INF
5.00	N	2.935	2.527	2.097	1.716	1.358	1.086	0.826	0.653
	F	18.350	INF	INF	INF	INF	INF	INF	INF
10.00	N	4.103	3.334	2.612	2.037	1.544	1.196	0.884	0.686
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	6.813	4.899	3.463	2.506	1.789	1.332	0.951	0.723
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

21mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
9.390	6.740	4.750	3.430	2.430	1.800	1.270	0.950

U		Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.25	N	0.248	0.247	0.245	0.244	0.241	0.238	0.233	0.228
	F	0.252	0.253	0.255	0.257	0.260	0.265	0.273	0.283
0.30	N	0.296	0.294	0.292	0.288	0.284	0.279	0.270	0.261
	F	0.305	0.306	0.309	0.313	0.319	0.328	0.343	0.365
0.35	N	0.343	0.341	0.337	0.332	0.325	0.317	0.305	0.292
	F	0.357	0.360	0.365	0.371	0.381	0.396	0.423	0.463
0.40	N	0.390	0.387	0.381	0.374	0.365	0.354	0.337	0.320
	F	0.410	0.415	0.422	0.431	0.447	0.468	0.511	0.579
0.45	N	0.437	0.432	0.425	0.416	0.403	0.388	0.367	0.346
	F	0.464	0.470	0.480	0.493	0.515	0.547	0.612	0.722
0.50	N	0.483	0.476	0.467	0.456	0.439	0.421	0.395	0.369
	F	0.519	0.527	0.539	0.558	0.588	0.632	0.727	0.900
0.60	N	0.573	0.564	0.550	0.532	0.509	0.483	0.446	0.411
	F	0.630	0.643	0.663	0.694	0.746	0.825	1.014	1.435
0.70	N	0.662	0.648	0.629	0.605	0.573	0.539	0.491	0.447
	F	0.743	0.763	0.794	0.840	0.923	1.057	1.416	2.507
0.80	N	0.749	0.731	0.705	0.674	0.633	0.590	0.531	0.478
	F	0.860	0.887	0.931	0.998	1.123	1.339	2.017	5.747
1.00	N	0.917	0.889	0.849	0.802	0.742	0.680	0.600	0.529
	F	1.101	1.149	1.229	1.357	1.616	2.144	5.000	INF
1.20	N	1.079	1.038	0.982	0.918	0.837	0.757	0.656	0.570
	F	1.355	1.431	1.562	1.785	2.285	3.580	469.870	INF
1.50	N	1.310	1.248	1.166	1.073	0.961	0.853	0.723	0.617
	F	1.762	1.896	2.145	2.608	3.904	10.900	INF	INF
2.00	N	1.666	1.563	1.432	1.291	1.127	0.977	0.806	0.672
	F	2.516	2.811	3.420	4.843	13.432	INF	INF	INF
3.00	N	2.288	2.093	1.858	1.619	1.362	1.143	0.909	0.739
	F	4.403	5.437	8.453	34.115	INF	INF	INF	INF
5.00	N	3.262	2.870	2.436	2.032	1.635	1.323	1.014	0.802
	F	11.008	21.541	INF	INF	INF	INF	INF	INF
10.00	N	4.791	3.977	3.176	2.513	1.924	1.499	1.109	0.857
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	9.018	6.473	4.564	3.291	2.337	1.730	1.224	0.920
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

25mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
13.260	9.510	6.690	4.810	3.400	2.500	1.750	1.300

U		Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.25	N	0.248	0.248	0.247	0.245	0.243	0.241	0.237	0.233
	F	0.252	0.253	0.254	0.255	0.257	0.260	0.266	0.273
0.30	N	0.297	0.296	0.294	0.291	0.288	0.284	0.278	0.270
	F	0.303	0.305	0.307	0.309	0.314	0.319	0.329	0.343
0.35	N	0.345	0.343	0.340	0.337	0.332	0.325	0.316	0.305
	F	0.355	0.357	0.360	0.365	0.372	0.381	0.398	0.421
0.40	N	0.393	0.390	0.386	0.381	0.374	0.365	0.352	0.338
	F	0.407	0.410	0.415	0.422	0.432	0.446	0.472	0.509
0.45	N	0.440	0.437	0.431	0.425	0.415	0.404	0.386	0.368
	F	0.460	0.464	0.471	0.480	0.494	0.514	0.552	0.607
0.50	N	0.488	0.483	0.476	0.467	0.455	0.440	0.419	0.397
	F	0.513	0.519	0.527	0.539	0.559	0.586	0.638	0.719
0.60	N	0.581	0.574	0.563	0.550	0.531	0.510	0.480	0.449
	F	0.621	0.630	0.643	0.663	0.695	0.741	0.835	0.995
0.70	N	0.673	0.662	0.648	0.629	0.604	0.576	0.535	0.495
	F	0.730	0.743	0.763	0.793	0.842	0.914	1.073	1.372
0.80	N	0.763	0.750	0.730	0.706	0.673	0.637	0.585	0.536
	F	0.841	0.859	0.888	0.929	1.001	1.109	1.365	1.920
1.00	N	0.940	0.918	0.888	0.851	0.801	0.747	0.674	0.606
	F	1.069	1.100	1.150	1.225	1.360	1.583	2.207	4.369
1.20	N	1.112	1.081	1.037	0.985	0.917	0.845	0.750	0.664
	F	1.305	1.353	1.432	1.555	1.789	2.215	3.755	29.762
1.50	N	1.361	1.313	1.247	1.170	1.072	0.972	0.845	0.734
	F	1.674	1.756	1.898	2.129	2.613	3.687	12.612	INF
2.00	N	1.753	1.671	1.563	1.440	1.289	1.144	0.967	0.821
	F	2.335	2.504	2.813	3.375	4.852	11.016	INF	INF
3.00	N	2.462	2.299	2.092	1.871	1.618	1.389	1.130	0.930
	F	3.857	4.362	5.437	8.147	33.979	INF	INF	INF
5.00	N	3.639	3.285	2.870	2.461	2.032	1.676	1.306	1.041
	F	8.068	10.733	21.453	INF	INF	INF	INF	INF
10.00	N	5.674	4.845	3.980	3.222	2.515	1.983	1.478	1.143
	F	44.516	INF	INF	INF	INF	INF	INF	INF
INF	N	12.868	9.222	6.487	4.665	3.297	2.427	1.703	1.268
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

27mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
15.450	11.070	7.780	5.590	3.940	2.890	2.020	1.500

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.25	N	0.248	0.248	0.247	0.246	0.244	0.242	0.238	0.234
	F	0.252	0.252	0.253	0.255	0.257	0.259	0.264	0.270
0.30	N	0.297	0.296	0.294	0.292	0.289	0.286	0.280	0.273
	F	0.303	0.304	0.306	0.308	0.312	0.317	0.326	0.337
0.35	N	0.346	0.344	0.341	0.338	0.333	0.328	0.319	0.309
	F	0.355	0.356	0.359	0.363	0.369	0.377	0.392	0.411
0.40	N	0.394	0.391	0.388	0.383	0.377	0.369	0.357	0.343
	F	0.407	0.409	0.413	0.419	0.428	0.440	0.462	0.492
0.45	N	0.442	0.438	0.434	0.427	0.419	0.408	0.393	0.376
	F	0.459	0.463	0.468	0.476	0.488	0.505	0.536	0.581
0.50	N	0.489	0.485	0.479	0.471	0.460	0.447	0.427	0.406
	F	0.512	0.516	0.524	0.534	0.551	0.573	0.616	0.680
0.60	N	0.583	0.577	0.567	0.556	0.539	0.520	0.491	0.462
	F	0.618	0.626	0.638	0.654	0.681	0.719	0.794	0.913
0.70	N	0.676	0.667	0.654	0.637	0.614	0.588	0.550	0.512
	F	0.726	0.737	0.755	0.779	0.820	0.879	1.001	1.212
0.80	N	0.768	0.756	0.738	0.716	0.686	0.653	0.605	0.557
	F	0.836	0.851	0.875	0.910	0.969	1.055	1.245	1.606
1.00	N	0.947	0.928	0.901	0.867	0.821	0.771	0.702	0.636
	F	1.060	1.086	1.128	1.189	1.298	1.467	1.891	2.955
1.20	N	1.123	1.095	1.056	1.008	0.945	0.877	0.786	0.702
	F	1.290	1.330	1.396	1.496	1.677	1.985	2.893	6.736
1.50	N	1.378	1.334	1.275	1.204	1.112	1.017	0.893	0.783
	F	1.649	1.717	1.832	2.014	2.373	3.068	6.159	INF
2.00	N	1.782	1.708	1.609	1.494	1.351	1.210	1.034	0.884
	F	2.283	2.422	2.666	3.085	4.054	6.757	INF	INF
3.00	N	2.522	2.372	2.180	1.968	1.722	1.492	1.226	1.017
	F	3.713	4.108	4.893	6.588	13.929	INF	INF	INF
5.00	N	3.777	3.444	3.043	2.638	2.204	1.834	1.441	1.154
	F	7.443	9.273	14.751	72.157	INF	INF	INF	INF
10.00	N	6.026	5.207	4.330	3.542	2.790	2.214	1.658	1.285
	F	30.180	163.285	INF	INF	INF	INF	INF	INF
INF	N	14.893	10.668	7.499	5.386	3.801	2.793	1.953	1.449
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

32mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
21.670	15.510	10.890	7.810	5.500	4.030	2.810	2.070

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.35	N	0.347	0.346	0.344	0.342	0.339	0.335	0.329	0.322
	F	0.353	0.354	0.356	0.358	0.362	0.367	0.376	0.387
0.40	N	0.396	0.394	0.392	0.389	0.384	0.379	0.370	0.360
	F	0.404	0.406	0.409	0.412	0.418	0.425	0.438	0.455
0.45	N	0.444	0.442	0.439	0.435	0.429	0.421	0.410	0.397
	F	0.456	0.458	0.462	0.467	0.475	0.485	0.503	0.528
0.50	N	0.493	0.490	0.486	0.480	0.472	0.463	0.448	0.432
	F	0.508	0.511	0.516	0.522	0.533	0.546	0.571	0.605
0.60	N	0.589	0.584	0.578	0.569	0.557	0.543	0.521	0.498
	F	0.612	0.617	0.625	0.635	0.652	0.674	0.716	0.776
0.70	N	0.684	0.677	0.668	0.656	0.639	0.620	0.590	0.559
	F	0.717	0.725	0.736	0.751	0.776	0.810	0.876	0.972
0.80	N	0.778	0.769	0.757	0.741	0.719	0.693	0.655	0.615
	F	0.824	0.834	0.849	0.871	0.906	0.955	1.051	1.200
0.90	N	0.871	0.860	0.844	0.824	0.796	0.764	0.716	0.667
	F	0.931	0.944	0.965	0.994	1.042	1.109	1.245	1.469
1.00	N	0.964	0.950	0.930	0.905	0.870	0.831	0.774	0.716
	F	1.040	1.057	1.083	1.121	1.183	1.273	1.462	1.789
1.10	N	1.055	1.038	1.014	0.984	0.943	0.896	0.828	0.761
	F	1.149	1.170	1.204	1.251	1.331	1.449	1.704	2.178
1.20	N	1.146	1.126	1.097	1.062	1.012	0.958	0.880	0.804
	F	1.260	1.286	1.327	1.386	1.486	1.637	1.978	2.661
1.40	N	1.325	1.298	1.259	1.211	1.146	1.075	0.976	0.881
	F	1.484	1.521	1.580	1.668	1.820	2.057	2.645	4.085
1.60	N	1.502	1.466	1.416	1.354	1.272	1.183	1.062	0.949
	F	1.713	1.764	1.845	1.968	2.187	2.548	3.541	6.827
1.80	N	1.675	1.630	1.567	1.491	1.391	1.284	1.141	1.010
	F	1.947	2.013	2.122	2.288	2.595	3.129	4.809	14.291
2.00	N	1.845	1.790	1.714	1.622	1.503	1.378	1.213	1.064
	F	2.185	2.270	2.411	2.630	3.051	3.826	6.741	114.420
2.50	N	2.258	2.175	2.061	1.927	1.758	1.586	1.368	1.178
	F	2.803	2.947	3.195	3.601	4.460	6.393	24.382	INF
3.00	N	2.654	2.538	2.383	2.204	1.983	1.764	1.495	1.269
	F	3.455	3.679	4.079	4.776	6.445	11.570	INF	INF
4.00	N	3.400	3.209	2.960	2.685	2.359	2.052	1.692	1.405
	F	4.868	5.335	6.236	8.066	14.528	INF	INF	INF
5.00	N	4.089	3.813	3.464	3.090	2.662	2.275	1.837	1.500
	F	6.453	7.309	9.136	13.752	58.742	INF	INF	INF
7.00	N	5.321	4.858	4.300	3.733	3.121	2.596	2.037	1.627
	F	10.276	12.664	19.495	70.749	INF	INF	INF	INF
10.00	N	6.875	6.116	5.251	4.423	3.584	2.904	2.217	1.738
	F	18.493	28.113	130.402	INF	INF	INF	INF	INF
20.00	N	10.428	8.763	7.076	5.640	4.333	3.371	2.473	1.887
	F	275.715	INF	INF	INF	INF	INF	INF	INF
INF	N	21.581	15.447	10.847	7.780	5.479	4.016	2.796	2.064
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

35mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
25.900	18.530	13.000	9.320	6.560	4.800	3.330	2.450

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.35	N	0.347	0.346	0.345	0.343	0.340	0.337	0.331	0.325
	F	0.353	0.354	0.355	0.357	0.361	0.365	0.372	0.382
0.40	N	0.396	0.395	0.393	0.390	0.386	0.381	0.373	0.364
	F	0.404	0.405	0.408	0.411	0.416	0.422	0.433	0.447
0.45	N	0.445	0.443	0.440	0.437	0.431	0.425	0.414	0.403
	F	0.455	0.457	0.460	0.465	0.471	0.480	0.495	0.516
0.50	N	0.494	0.491	0.487	0.483	0.476	0.467	0.454	0.439
	F	0.507	0.509	0.514	0.519	0.528	0.540	0.560	0.588
0.60	N	0.590	0.586	0.580	0.573	0.562	0.550	0.530	0.509
	F	0.610	0.615	0.621	0.630	0.644	0.663	0.698	0.745
0.70	N	0.686	0.680	0.672	0.662	0.647	0.629	0.602	0.574
	F	0.715	0.721	0.731	0.744	0.765	0.793	0.846	0.921
0.80	N	0.781	0.773	0.763	0.749	0.729	0.706	0.671	0.634
	F	0.820	0.829	0.842	0.860	0.890	0.929	1.006	1.119
0.90	N	0.875	0.865	0.851	0.834	0.809	0.780	0.736	0.691
	F	0.927	0.938	0.955	0.980	1.019	1.073	1.180	1.344
1.00	N	0.969	0.957	0.939	0.917	0.886	0.851	0.798	0.744
	F	1.034	1.048	1.070	1.102	1.153	1.225	1.369	1.601
1.10	N	1.061	1.047	1.026	0.999	0.962	0.919	0.857	0.794
	F	1.142	1.160	1.188	1.227	1.292	1.385	1.577	1.900
1.20	N	1.153	1.136	1.111	1.079	1.035	0.985	0.913	0.841
	F	1.251	1.273	1.307	1.356	1.437	1.554	1.804	2.249
1.40	N	1.336	1.312	1.277	1.235	1.176	1.111	1.018	0.927
	F	1.472	1.502	1.551	1.622	1.743	1.924	2.334	3.163
1.60	N	1.515	1.484	1.439	1.384	1.310	1.228	1.114	1.005
	F	1.696	1.738	1.805	1.904	2.075	2.342	2.994	4.552
1.80	N	1.692	1.652	1.597	1.528	1.437	1.338	1.202	1.074
	F	1.924	1.979	2.068	2.200	2.436	2.818	3.838	6.912
2.00	N	1.866	1.818	1.750	1.667	1.558	1.441	1.283	1.137
	F	2.156	2.226	2.340	2.513	2.830	3.365	4.956	11.816
2.50	N	2.290	2.217	2.115	1.993	1.836	1.673	1.461	1.271
	F	2.754	2.871	3.068	3.379	3.991	5.176	10.420	INF
3.00	N	2.700	2.597	2.456	2.292	2.085	1.875	1.609	1.380
	F	3.379	3.559	3.872	4.387	5.495	8.071	39.344	INF
4.00	N	3.477	3.305	3.077	2.820	2.508	2.207	1.843	1.545
	F	4.716	5.082	5.754	6.996	10.388	26.843	INF	INF
5.00	N	4.202	3.951	3.628	3.273	2.857	2.469	2.019	1.664
	F	6.184	6.836	8.125	10.878	22.308	INF	INF	INF
7.00	N	5.518	5.089	4.560	4.008	3.396	2.857	2.267	1.825
	F	9.602	11.290	15.358	29.723	INF	INF	INF	INF
10.00	N	7.211	6.491	5.648	4.819	3.956	3.238	2.496	1.967
	F	16.397	22.080	46.206	INF	INF	INF	INF	INF
20.00	N	11.231	9.564	7.828	6.310	4.897	3.836	2.830	2.165
	F	94.065	INF	INF	INF	INF	INF	INF	INF
INF	N	25.387	18.164	12.747	9.136	6.428	4.704	3.268	2.406
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

40mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
33.790	24.160	16.940	12.130	8.520	6.230	4.310	3.160

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.35	N	0.348	0.347	0.346	0.344	0.342	0.339	0.335	0.330
	F	0.352	0.353	0.354	0.356	0.358	0.362	0.367	0.374
0.40	N	0.397	0.396	0.394	0.392	0.389	0.385	0.379	0.371
	F	0.403	0.404	0.406	0.408	0.412	0.417	0.425	0.436
0.45	N	0.446	0.445	0.442	0.439	0.435	0.430	0.421	0.412
	F	0.454	0.456	0.458	0.461	0.466	0.473	0.484	0.499
0.50	N	0.495	0.493	0.490	0.486	0.481	0.474	0.463	0.451
	F	0.505	0.507	0.510	0.515	0.521	0.530	0.545	0.565
0.60	N	0.592	0.589	0.585	0.579	0.571	0.560	0.544	0.527
	F	0.608	0.611	0.616	0.623	0.633	0.647	0.672	0.704
0.70	N	0.689	0.685	0.678	0.670	0.658	0.644	0.622	0.598
	F	0.711	0.716	0.723	0.733	0.748	0.769	0.806	0.855
0.80	N	0.785	0.779	0.771	0.760	0.744	0.726	0.697	0.665
	F	0.815	0.822	0.832	0.845	0.866	0.895	0.947	1.019
0.90	N	0.881	0.873	0.862	0.848	0.828	0.805	0.768	0.730
	F	0.920	0.929	0.941	0.959	0.988	1.026	1.097	1.198
1.00	N	0.976	0.967	0.953	0.935	0.911	0.881	0.837	0.790
	F	1.026	1.036	1.053	1.075	1.112	1.161	1.256	1.394
1.10	N	1.070	1.059	1.042	1.021	0.991	0.956	0.904	0.848
	F	1.132	1.145	1.165	1.194	1.240	1.302	1.424	1.608
1.20	N	1.164	1.151	1.131	1.106	1.070	1.029	0.967	0.904
	F	1.238	1.254	1.279	1.314	1.371	1.449	1.604	1.845
1.40	N	1.351	1.332	1.305	1.271	1.223	1.168	1.088	1.006
	F	1.453	1.476	1.512	1.562	1.644	1.761	2.001	2.401
1.60	N	1.535	1.510	1.475	1.431	1.369	1.300	1.200	1.100
	F	1.671	1.702	1.750	1.819	1.933	2.100	2.458	3.103
1.80	N	1.717	1.686	1.642	1.586	1.510	1.426	1.305	1.187
	F	1.892	1.932	1.995	2.086	2.240	2.470	2.988	4.015
2.00	N	1.897	1.859	1.805	1.737	1.646	1.545	1.403	1.266
	F	2.116	2.166	2.246	2.363	2.565	2.875	3.611	5.250
2.50	N	2.339	2.280	2.197	2.097	1.963	1.818	1.622	1.439
	F	2.687	2.770	2.905	3.108	3.474	4.080	5.781	11.767
3.00	N	2.768	2.685	2.570	2.432	2.252	2.062	1.811	1.583
	F	3.276	3.402	3.611	3.934	4.548	5.661	9.645	68.276
4.00	N	3.593	3.453	3.263	3.040	2.760	2.476	2.118	1.809
	F	4.515	4.761	5.186	5.891	7.411	10.982	58.687	INF
5.00	N	4.375	4.167	3.891	3.577	3.192	2.816	2.359	1.979
	F	5.839	6.262	7.026	8.399	11.912	25.188	INF	INF
7.00	N	5.824	5.458	4.990	4.480	3.887	3.340	2.710	2.217
	F	8.785	9.788	11.817	16.357	38.934	INF	INF	INF
10.00	N	7.748	7.111	6.331	5.527	4.647	3.880	3.052	2.437
	F	14.132	16.944	24.184	56.529	INF	INF	INF	INF
20.00	N	12.610	10.992	9.223	7.598	6.018	4.784	3.577	2.756
	F	48.733	115.239	INF	INF	INF	INF	INF	INF
INF	N	33.847	24.206	16.975	12.154	8.538	6.238	4.321	3.170
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

50mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
52.710	37.670	26.390	18.870	13.230	9.650	6.660	4.860

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.55	N	0.545	0.543	0.541	0.537	0.532	0.525	0.515	0.503
	F	0.555	0.557	0.560	0.564	0.570	0.578	0.591	0.608
0.60	N	0.594	0.592	0.589	0.584	0.578	0.570	0.558	0.544
	F	0.606	0.608	0.612	0.617	0.624	0.634	0.650	0.672
0.65	N	0.643	0.641	0.637	0.631	0.624	0.615	0.600	0.583
	F	0.657	0.660	0.664	0.670	0.679	0.690	0.711	0.737
0.70	N	0.692	0.689	0.684	0.678	0.669	0.659	0.641	0.622
	F	0.708	0.712	0.717	0.723	0.734	0.748	0.772	0.804
0.80	N	0.789	0.785	0.779	0.771	0.759	0.745	0.723	0.698
	F	0.811	0.815	0.822	0.832	0.846	0.865	0.898	0.942
0.90	N	0.886	0.881	0.873	0.863	0.848	0.830	0.802	0.771
	F	0.914	0.920	0.929	0.941	0.960	0.984	1.029	1.088
1.00	N	0.983	0.976	0.966	0.954	0.935	0.913	0.879	0.841
	F	1.018	1.025	1.036	1.051	1.075	1.107	1.164	1.242
1.10	N	1.079	1.071	1.059	1.044	1.021	0.995	0.954	0.909
	F	1.122	1.131	1.144	1.163	1.193	1.232	1.305	1.404
1.20	N	1.175	1.165	1.151	1.133	1.106	1.075	1.027	0.975
	F	1.226	1.237	1.254	1.277	1.313	1.361	1.450	1.576
1.30	N	1.270	1.259	1.242	1.221	1.190	1.154	1.098	1.038
	F	1.331	1.344	1.364	1.391	1.434	1.493	1.602	1.758
1.40	N	1.366	1.352	1.333	1.308	1.272	1.231	1.167	1.100
	F	1.436	1.451	1.475	1.507	1.558	1.628	1.759	1.950
1.60	N	1.555	1.537	1.512	1.480	1.434	1.381	1.300	1.216
	F	1.648	1.668	1.699	1.743	1.812	1.908	2.094	2.373
1.80	N	1.743	1.721	1.689	1.648	1.591	1.525	1.427	1.326
	F	1.862	1.887	1.928	1.984	2.076	2.204	2.457	2.855
2.00	N	1.929	1.902	1.863	1.813	1.744	1.665	1.548	1.429
	F	2.077	2.109	2.160	2.232	2.349	2.515	2.853	3.408
2.20	N	2.114	2.081	2.034	1.975	1.893	1.799	1.663	1.526
	F	2.294	2.334	2.396	2.485	2.633	2.844	3.287	4.049
2.50	N	2.389	2.347	2.287	2.212	2.109	1.993	1.826	1.661
	F	2.623	2.675	2.758	2.878	3.078	3.373	4.019	5.231
3.00	N	2.840	2.781	2.697	2.592	2.450	2.294	2.075	1.863
	F	3.180	3.258	3.383	3.566	3.881	4.366	5.524	8.133
3.50	N	3.283	3.204	3.092	2.955	2.771	2.572	2.298	2.039
	F	3.748	3.858	4.036	4.300	4.770	5.529	7.540	13.468
4.00	N	3.718	3.616	3.474	3.301	3.072	2.829	2.500	2.196
	F	4.329	4.477	4.719	5.086	5.760	6.909	10.382	26.509
5.00	N	4.565	4.412	4.201	3.949	3.625	3.288	2.850	2.460
	F	5.528	5.773	6.184	6.833	8.116	10.618	21.981	INF
7.00	N	6.172	5.893	5.521	5.092	4.562	4.039	3.394	2.852
	F	8.089	8.626	9.584	11.252	15.243	27.479	INF	INF
10.00	N	8.385	7.878	7.223	6.503	5.660	4.873	3.961	3.239
	F	12.394	13.709	16.309	21.846	44.651	INF	INF	INF
20.00	N	14.418	12.973	11.279	9.610	7.869	6.420	4.920	3.849
	F	32.696	43.855	89.995	INF	INF	INF	INF	INF
INF	N	51.394	36.732	25.735	18.404	12.906	9.407	6.492	4.742
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

65mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
89.040	63.620	44.560	31.860	22.330	16.260	11.210	8.170

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.70	N	0.695	0.694	0.691	0.687	0.682	0.675	0.665	0.653
	F	0.705	0.707	0.709	0.713	0.719	0.727	0.740	0.756
0.80	N	0.794	0.791	0.788	0.783	0.776	0.767	0.753	0.737
	F	0.806	0.809	0.813	0.818	0.826	0.836	0.854	0.877
0.90	N	0.892	0.889	0.884	0.878	0.869	0.858	0.840	0.819
	F	0.908	0.912	0.917	0.923	0.934	0.947	0.971	1.001
1.00	N	0.990	0.986	0.980	0.972	0.961	0.947	0.925	0.900
	F	1.010	1.015	1.021	1.030	1.043	1.060	1.090	1.129
1.10	N	1.088	1.083	1.076	1.066	1.052	1.035	1.009	0.979
	F	1.113	1.118	1.126	1.136	1.153	1.174	1.212	1.260
1.20	N	1.185	1.179	1.171	1.159	1.143	1.123	1.091	1.056
	F	1.215	1.222	1.231	1.244	1.264	1.290	1.336	1.396
1.30	N	1.282	1.275	1.265	1.252	1.232	1.209	1.172	1.131
	F	1.318	1.326	1.337	1.352	1.376	1.407	1.462	1.535
1.40	N	1.379	1.371	1.359	1.344	1.321	1.294	1.252	1.204
	F	1.421	1.430	1.443	1.461	1.489	1.526	1.592	1.679
1.60	N	1.573	1.562	1.547	1.526	1.497	1.462	1.407	1.347
	F	1.628	1.640	1.657	1.682	1.719	1.769	1.860	1.982
1.80	N	1.765	1.752	1.732	1.706	1.669	1.625	1.557	1.483
	F	1.836	1.851	1.874	1.905	1.954	2.020	2.139	2.304
2.00	N	1.957	1.940	1.916	1.884	1.839	1.785	1.703	1.614
	F	2.045	2.064	2.092	2.132	2.194	2.277	2.432	2.649
2.20	N	2.148	2.128	2.098	2.060	2.006	1.942	1.844	1.740
	F	2.255	2.278	2.313	2.361	2.439	2.543	2.738	3.018
2.50	N	2.432	2.406	2.368	2.320	2.250	2.169	2.048	1.919
	F	2.572	2.602	2.648	2.712	2.815	2.956	3.225	3.625
3.00	N	2.902	2.865	2.811	2.742	2.645	2.533	2.367	2.195
	F	3.105	3.149	3.218	3.314	3.470	3.689	4.123	4.805
3.50	N	3.367	3.316	3.244	3.152	3.023	2.877	2.663	2.447
	F	3.645	3.706	3.802	3.938	4.162	4.482	5.144	6.261
4.00	N	3.826	3.761	3.667	3.549	3.387	3.204	2.940	2.677
	F	4.191	4.272	4.401	4.586	4.894	5.345	6.319	8.103
5.00	N	4.730	4.630	4.488	4.312	4.072	3.809	3.440	3.083
	F	5.304	5.436	5.648	5.957	6.492	7.316	9.289	13.773
7.00	N	6.478	6.291	6.029	5.713	5.298	4.858	4.269	3.730
	F	7.615	7.893	8.350	9.051	10.357	12.644	20.062	68.771
10.00	N	8.963	8.606	8.122	7.556	6.843	6.122	5.212	4.426
	F	11.312	11.940	13.025	14.824	18.709	27.863	154.084	INF
20.00	N	16.222	15.084	13.649	12.115	10.370	8.792	7.020	5.659
	F	26.090	29.715	37.548	57.948	316.235	INF	INF	INF
50.00	N	31.557	27.505	23.068	18.989	15.015	11.909	8.866	6.794
	F	120.685	278.297	INF	INF	INF	INF	INF	INF
INF	N	85.347	60.989	42.720	30.541	21.407	15.594	10.750	7.844
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

75mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
118.520	84.690	59.310	42.390	29.710	21.630	14.900	10.870

U Metres		Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.80	N	0.796	0.794	0.791	0.788	0.783	0.776	0.766	0.754
	F	0.804	0.806	0.809	0.813	0.818	0.825	0.837	0.853
0.85	N	0.845	0.843	0.840	0.836	0.830	0.823	0.811	0.798
	F	0.855	0.857	0.860	0.865	0.871	0.879	0.893	0.911
0.90	N	0.894	0.892	0.889	0.884	0.878	0.869	0.856	0.841
	F	0.906	0.908	0.912	0.916	0.924	0.933	0.949	0.969
0.95	N	0.944	0.941	0.937	0.932	0.925	0.916	0.901	0.884
	F	0.957	0.959	0.963	0.969	0.977	0.987	1.005	1.028
1.00	N	0.993	0.990	0.986	0.980	0.972	0.962	0.945	0.927
	F	1.007	1.010	1.015	1.021	1.030	1.042	1.062	1.088
1.10	N	1.091	1.088	1.082	1.076	1.066	1.053	1.033	1.011
	F	1.109	1.113	1.118	1.126	1.137	1.152	1.177	1.209
1.20	N	1.189	1.185	1.179	1.171	1.159	1.144	1.120	1.093
	F	1.211	1.215	1.222	1.231	1.245	1.262	1.293	1.332
1.30	N	1.287	1.282	1.275	1.265	1.251	1.234	1.206	1.175
	F	1.313	1.318	1.326	1.337	1.353	1.374	1.411	1.459
1.40	N	1.385	1.379	1.371	1.360	1.343	1.323	1.291	1.255
	F	1.415	1.421	1.430	1.443	1.462	1.487	1.531	1.587
1.50	N	1.483	1.476	1.466	1.453	1.434	1.411	1.375	1.333
	F	1.517	1.525	1.535	1.550	1.572	1.602	1.653	1.719
1.60	N	1.581	1.573	1.562	1.547	1.525	1.499	1.457	1.411
	F	1.620	1.628	1.640	1.657	1.683	1.717	1.776	1.854
1.80	N	1.775	1.765	1.751	1.732	1.705	1.672	1.620	1.562
	F	1.826	1.836	1.852	1.874	1.907	1.951	2.029	2.131
2.00	N	1.969	1.957	1.939	1.916	1.882	1.842	1.778	1.708
	F	2.032	2.045	2.065	2.092	2.134	2.190	2.289	2.422
2.20	N	2.162	2.148	2.126	2.098	2.058	2.009	1.933	1.850
	F	2.239	2.255	2.279	2.313	2.365	2.433	2.558	2.725
2.50	N	2.451	2.432	2.405	2.368	2.316	2.255	2.159	2.055
	F	2.551	2.572	2.604	2.648	2.717	2.809	2.977	3.208
3.00	N	2.930	2.902	2.862	2.811	2.737	2.651	2.518	2.376
	F	3.074	3.105	3.152	3.217	3.321	3.460	3.722	4.095
3.50	N	3.404	3.367	3.313	3.244	3.145	3.031	2.858	2.675
	F	3.602	3.644	3.710	3.802	3.948	4.148	4.532	5.102
4.00	N	3.874	3.826	3.756	3.667	3.542	3.396	3.180	2.954
	F	4.134	4.191	4.278	4.401	4.599	4.875	5.417	6.255
4.50	N	4.341	4.281	4.193	4.082	3.926	3.748	3.485	3.215
	F	4.671	4.744	4.857	5.016	5.277	5.643	6.386	7.590
5.00	N	4.804	4.730	4.623	4.488	4.300	4.086	3.774	3.459
	F	5.213	5.304	5.446	5.648	5.981	6.458	7.453	9.152
6.00	N	5.719	5.613	5.463	5.274	5.015	4.726	4.312	3.904
	F	6.311	6.445	6.657	6.962	7.478	8.243	9.945	13.240
7.00	N	6.619	6.478	6.278	6.029	5.692	5.321	4.801	4.299
	F	7.429	7.615	7.914	8.351	9.107	10.271	13.065	19.442
10.00	N	9.236	8.962	8.581	8.122	7.518	6.881	6.032	5.256
	F	10.904	11.313	11.989	13.027	14.977	18.434	30.019	123.922
20.00	N	17.145	16.220	15.006	13.647	12.016	10.458	8.605	7.101
	F	24.004	26.096	30.025	37.576	60.403	252.813	INF	INF
50.00	N	35.264	31.549	27.247	23.059	18.745	15.199	11.565	8.995
	F	85.997	120.837	308.410	INF	INF	INF	INF	INF
INF	N	119.350	85.279	59.725	42.690	29.913	21.782	15.007	10.942
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

100mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
210.660	150.510	105.400	75.320	52.770	38.410	26.450	19.280

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.95	N	0.947	0.945	0.943	0.940	0.936	0.931	0.923	0.914
	F	0.953	0.955	0.957	0.960	0.964	0.970	0.979	0.990
1.00	N	0.996	0.995	0.992	0.989	0.985	0.979	0.970	0.959
	F	1.004	1.005	1.008	1.011	1.016	1.022	1.032	1.045
1.10	N	1.095	1.093	1.090	1.087	1.081	1.074	1.063	1.050
	F	1.105	1.107	1.110	1.114	1.120	1.127	1.140	1.156
1.20	N	1.194	1.192	1.188	1.184	1.177	1.169	1.155	1.140
	F	1.206	1.208	1.212	1.217	1.224	1.233	1.249	1.268
1.30	N	1.293	1.290	1.286	1.281	1.273	1.263	1.247	1.228
	F	1.307	1.310	1.314	1.320	1.328	1.340	1.358	1.382
1.40	N	1.392	1.389	1.384	1.378	1.368	1.357	1.338	1.316
	F	1.408	1.412	1.417	1.423	1.434	1.447	1.469	1.497
1.50	N	1.491	1.487	1.481	1.474	1.463	1.450	1.428	1.403
	F	1.510	1.513	1.519	1.527	1.539	1.554	1.580	1.613
1.60	N	1.589	1.585	1.579	1.570	1.558	1.543	1.518	1.489
	F	1.611	1.615	1.622	1.631	1.645	1.662	1.693	1.730
1.80	N	1.786	1.781	1.773	1.762	1.746	1.727	1.695	1.659
	F	1.814	1.820	1.828	1.840	1.858	1.881	1.920	1.969
2.00	N	1.983	1.976	1.966	1.952	1.933	1.909	1.870	1.826
	F	2.018	2.025	2.036	2.050	2.073	2.101	2.151	2.214
2.20	N	2.179	2.171	2.158	2.142	2.118	2.089	2.043	1.990
	F	2.222	2.230	2.244	2.261	2.289	2.324	2.386	2.465
2.50	N	2.472	2.462	2.446	2.425	2.394	2.356	2.297	2.229
	F	2.528	2.540	2.557	2.581	2.617	2.664	2.746	2.852
3.00	N	2.960	2.944	2.921	2.891	2.846	2.793	2.708	2.614
	F	3.041	3.058	3.084	3.118	3.172	3.242	3.366	3.529
3.50	N	3.445	3.424	3.392	3.351	3.291	3.219	3.106	2.981
	F	3.557	3.580	3.615	3.664	3.739	3.838	4.014	4.250
4.00	N	3.928	3.900	3.859	3.805	3.727	3.635	3.491	3.333
	F	4.075	4.105	4.152	4.217	4.317	4.450	4.692	5.020
4.50	N	4.409	4.373	4.321	4.254	4.156	4.041	3.863	3.669
	F	4.595	4.635	4.695	4.778	4.908	5.082	5.401	5.842
5.00	N	4.887	4.843	4.779	4.696	4.578	4.437	4.223	3.992
	F	5.118	5.168	5.243	5.347	5.511	5.732	6.143	6.723
6.00	N	5.837	5.774	5.683	5.566	5.398	5.204	4.909	4.598
	F	6.173	6.244	6.355	6.510	6.757	7.094	7.738	8.689
7.00	N	6.778	6.694	6.570	6.413	6.192	5.935	5.554	5.157
	F	7.237	7.336	7.491	7.708	8.058	8.543	9.501	10.983
10.00	N	9.550	9.382	9.140	8.836	8.418	7.948	7.273	6.603
	F	10.495	10.707	11.042	11.523	12.330	13.515	16.101	20.923
20.00	N	18.265	17.653	16.808	15.801	14.500	13.149	11.386	9.812
	F	22.103	23.074	24.703	27.274	32.325	42.087	84.957	INF
50.00	N	40.362	37.476	33.847	29.980	25.599	21.651	17.233	13.853
	F	65.711	75.166	95.875	151.623	1197.066	INF	INF	INF
INF	N	208.678	149.095	104.407	74.616	52.272	38.053	26.204	19.095
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

135mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
383.890	274.260	192.050	137.230	96.130	69.970	48.170	35.080

Close Focus range in color

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.80 S4 Only	N	0.799	0.799	0.798	0.797	0.796	0.794	0.792	0.789
	F	0.801	0.801	0.802	0.803	0.804	0.806	0.809	0.812
0.90 S4 & S4/i	N	0.899	0.898	0.897	0.896	0.894	0.892	0.889	0.885
	F	0.901	0.902	0.903	0.904	0.906	0.908	0.912	0.916
1.00	N	0.998	0.997	0.996	0.995	0.993	0.990	0.985	0.980
	F	1.002	1.003	1.004	1.005	1.008	1.010	1.015	1.021
1.10	N	1.098	1.097	1.095	1.093	1.091	1.087	1.082	1.075
	F	1.102	1.103	1.105	1.107	1.110	1.113	1.119	1.127
1.20	N	1.197	1.196	1.194	1.192	1.189	1.184	1.177	1.169
	F	1.203	1.204	1.206	1.208	1.212	1.216	1.224	1.233
1.30	N	1.297	1.295	1.293	1.290	1.286	1.281	1.273	1.263
	F	1.304	1.305	1.307	1.310	1.314	1.320	1.329	1.340
1.40	N	1.396	1.394	1.392	1.388	1.384	1.378	1.368	1.356
	F	1.404	1.406	1.408	1.412	1.417	1.423	1.434	1.447
1.50	N	1.495	1.493	1.490	1.487	1.481	1.474	1.462	1.449
	F	1.505	1.507	1.510	1.514	1.520	1.527	1.540	1.556
1.60	N	1.594	1.592	1.589	1.584	1.578	1.570	1.557	1.541
	F	1.606	1.608	1.611	1.616	1.623	1.632	1.646	1.665
1.80	N	1.793	1.790	1.786	1.780	1.771	1.761	1.744	1.724
	F	1.807	1.810	1.815	1.821	1.830	1.841	1.860	1.884
2.00	N	1.991	1.987	1.982	1.975	1.964	1.951	1.930	1.905
	F	2.009	2.013	2.019	2.026	2.037	2.052	2.076	2.107
2.20	N	2.189	2.184	2.178	2.169	2.156	2.140	2.114	2.083
	F	2.211	2.216	2.223	2.232	2.246	2.264	2.294	2.332
2.50	N	2.485	2.479	2.471	2.459	2.442	2.421	2.387	2.348
	F	2.515	2.521	2.530	2.542	2.561	2.585	2.625	2.676
3.00	N	2.978	2.970	2.957	2.940	2.915	2.885	2.836	2.779
	F	3.022	3.031	3.044	3.062	3.090	3.125	3.186	3.262
3.50	N	3.470	3.458	3.441	3.418	3.384	3.342	3.275	3.199
	F	3.530	3.543	3.561	3.587	3.625	3.675	3.760	3.869
4.00	N	3.961	3.945	3.922	3.892	3.847	3.793	3.706	3.608
	F	4.040	4.057	4.081	4.115	4.166	4.232	4.348	4.495
4.50	N	4.450	4.430	4.401	4.362	4.306	4.238	4.129	4.006
	F	4.551	4.572	4.604	4.647	4.713	4.799	4.949	5.143
5.00	N	4.938	4.913	4.877	4.829	4.760	4.676	4.543	4.393
	F	5.064	5.090	5.130	5.184	5.267	5.374	5.565	5.812
6.00	N	5.910	5.874	5.822	5.754	5.655	5.535	5.348	5.140
	F	6.093	6.131	6.190	6.269	6.392	6.553	6.841	7.224
7.00	N	6.876	6.828	6.757	6.665	6.531	6.372	6.123	5.850
	F	7.128	7.181	7.261	7.372	7.544	7.771	8.182	8.739
10.00	N	9.747	9.649	9.506	9.322	9.059	8.752	8.284	7.786
	F	10.267	10.378	10.549	10.787	11.164	11.675	12.642	14.042
20.00	N	18.998	18.625	18.093	17.429	16.521	15.512	14.082	12.683
	F	21.115	21.597	22.363	23.473	25.366	28.212	34.722	48.072
50.00	N	44.133	42.155	39.502	36.446	32.660	28.911	24.277	20.371
	F	57.677	61.454	68.152	79.750	107.128	187.863	INF	INF
INF	N	374.007	267.206	187.106	133.706	93.656	68.169	46.931	34.188
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

150mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
473.990	338.650	237.150	169.480	118.730	86.430	59.520	43.370

CF = Close Focus range

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
1.05	N	1.049	1.048	1.047	1.046	1.045	1.042	1.039	1.035
	CF F	1.051	1.052	1.053	1.054	1.056	1.058	1.061	1.066
1.10	N	1.098	1.098	1.097	1.096	1.094	1.091	1.088	1.083
	CF F	1.102	1.102	1.103	1.104	1.106	1.109	1.113	1.118
1.15	N	1.148	1.148	1.147	1.145	1.143	1.140	1.136	1.131
	CF F	1.152	1.152	1.153	1.155	1.157	1.160	1.164	1.170
1.20	N	1.198	1.197	1.196	1.195	1.192	1.189	1.185	1.179
	CF F	1.202	1.203	1.204	1.206	1.208	1.211	1.216	1.222
1.25	N	1.248	1.247	1.246	1.244	1.242	1.238	1.233	1.226
	CF F	1.252	1.253	1.254	1.256	1.259	1.262	1.267	1.275
1.30	N	1.298	1.297	1.295	1.293	1.291	1.287	1.281	1.274
	CF F	1.302	1.303	1.305	1.307	1.310	1.313	1.319	1.327
1.35	N	1.347	1.346	1.345	1.343	1.340	1.336	1.330	1.321
	CF F	1.353	1.354	1.355	1.357	1.360	1.365	1.371	1.380
1.40	N	1.397	1.396	1.394	1.392	1.389	1.384	1.378	1.369
	CF F	1.403	1.404	1.406	1.408	1.411	1.416	1.423	1.433
1.45	N	1.447	1.446	1.444	1.441	1.438	1.433	1.426	1.416
	CF F	1.453	1.454	1.456	1.459	1.462	1.468	1.475	1.486
1.50	N	1.497	1.495	1.493	1.491	1.487	1.481	1.474	1.463
	CF F	1.503	1.505	1.507	1.509	1.513	1.519	1.527	1.539
1.55	N	1.546	1.545	1.543	1.540	1.536	1.530	1.522	1.510
	CF F	1.554	1.555	1.557	1.560	1.565	1.571	1.579	1.592
1.60	N	1.596	1.595	1.592	1.589	1.585	1.578	1.570	1.557
	CF F	1.604	1.606	1.608	1.611	1.616	1.622	1.632	1.645
1.70	N	1.696	1.694	1.691	1.687	1.682	1.675	1.665	1.651
	F	1.704	1.706	1.709	1.713	1.718	1.726	1.737	1.752
1.80	N	1.795	1.793	1.790	1.786	1.780	1.772	1.760	1.744
	F	1.805	1.807	1.810	1.815	1.821	1.829	1.842	1.860
1.90	N	1.894	1.892	1.889	1.884	1.877	1.868	1.855	1.837
	F	1.906	1.908	1.912	1.917	1.923	1.933	1.948	1.968
2.00	N	1.994	1.991	1.987	1.982	1.974	1.964	1.949	1.929
	F	2.007	2.009	2.013	2.019	2.026	2.038	2.054	2.077
2.10	N	2.093	2.090	2.086	2.080	2.071	2.060	2.044	2.021
	F	2.107	2.110	2.115	2.121	2.130	2.142	2.160	2.186
2.30	N	2.291	2.287	2.282	2.275	2.265	2.251	2.231	2.204
	F	2.309	2.313	2.318	2.326	2.336	2.352	2.374	2.406
2.50	N	2.489	2.485	2.479	2.470	2.458	2.441	2.417	2.384
	F	2.511	2.515	2.522	2.531	2.544	2.562	2.589	2.628
2.70	N	2.687	2.682	2.675	2.664	2.650	2.630	2.602	2.564
	F	2.713	2.718	2.726	2.737	2.752	2.774	2.806	2.853
3.00	N	2.984	2.977	2.968	2.955	2.937	2.912	2.877	2.829
	F	3.016	3.023	3.032	3.046	3.066	3.094	3.134	3.194
3.50	N	3.478	3.469	3.456	3.438	3.413	3.378	3.330	3.264
	F	3.523	3.532	3.545	3.565	3.592	3.632	3.689	3.774

Cooke S4

150mm

(cont.)

Metres

CF = Close Focus range

U Metres		Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
4.00	N	3.970	3.958	3.941	3.917	3.884	3.838	3.775	3.690
	F	4.030	4.043	4.061	4.086	4.123	4.176	4.254	4.370
4.50	N	4.462	4.447	4.425	4.394	4.352	4.294	4.214	4.106
	F	4.539	4.555	4.578	4.611	4.659	4.728	4.830	4.981
5.00	N	4.953	4.933	4.906	4.868	4.816	4.744	4.645	4.513
	F	5.048	5.069	5.098	5.139	5.199	5.287	5.415	5.609
6.00	N	5.931	5.903	5.863	5.808	5.732	5.629	5.488	5.301
	F	6.071	6.101	6.144	6.205	6.294	6.425	6.620	6.917
7.00	N	6.905	6.866	6.812	6.737	6.634	6.494	6.305	6.057
	F	7.098	7.139	7.199	7.285	7.409	7.594	7.871	8.300
8.00	N	7.875	7.824	7.753	7.656	7.522	7.340	7.098	6.782
	F	8.129	8.184	8.263	8.377	8.545	8.793	9.170	9.764
10.00	N	9.803	9.723	9.613	9.461	9.255	8.978	8.614	8.148
	F	10.206	10.293	10.420	10.605	10.878	11.289	11.927	12.965
12.00	N	11.714	11.600	11.442	11.226	10.934	10.547	10.044	9.411
	F	12.300	12.429	12.616	12.890	13.299	13.924	14.917	16.593
15.00	N	14.553	14.375	14.131	13.801	13.359	12.781	12.044	11.138
	F	15.476	15.682	15.983	16.430	17.106	18.164	19.908	23.040
20.00	N	19.206	18.896	18.473	17.908	17.164	16.214	15.037	13.640
	F	20.863	21.243	21.804	22.651	23.968	26.118	29.917	37.682
30.00	N	28.235	27.563	26.666	25.494	24.002	22.169	20.010	17.591
	F	32.002	32.912	34.292	36.454	40.024	46.465	60.175	103.386
50.00	N	45.252	43.541	41.330	38.563	35.229	31.393	27.208	22.899
	F	55.864	58.718	63.291	71.129	86.242	123.327	315.273	INF
100.00	N	82.584	77.030	70.341	62.650	54.265	45.633	37.261	29.594
	F	126.743	142.538	173.046	248.204	643.957	INF	INF	INF
INF	N	471.579	333.427	235.738	166.662	117.818	83.280	58.858	41.589
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

180mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
682.440	487.560	341.390	243.950	170.860	124.360	85.600	62.350

CF = Close Focus range

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
1.30	N	1.298	1.298	1.297	1.296	1.294	1.291	1.288	1.283
	CF F	1.302	1.302	1.303	1.304	1.306	1.309	1.313	1.318
1.35	N	1.348	1.348	1.347	1.345	1.343	1.340	1.337	1.331
	CF F	1.352	1.352	1.353	1.355	1.357	1.360	1.364	1.370
1.40	N	1.398	1.397	1.396	1.395	1.393	1.390	1.385	1.379
	CF F	1.402	1.403	1.404	1.405	1.407	1.411	1.415	1.421
1.45	N	1.448	1.447	1.446	1.444	1.442	1.439	1.434	1.427
	CF F	1.452	1.453	1.454	1.456	1.458	1.462	1.466	1.473
1.50	N	1.498	1.497	1.496	1.494	1.491	1.488	1.483	1.476
	CF F	1.502	1.503	1.504	1.506	1.509	1.513	1.518	1.525
1.55	N	1.548	1.547	1.545	1.543	1.541	1.537	1.531	1.524
	CF F	1.552	1.553	1.555	1.557	1.560	1.564	1.569	1.578
1.60	N	1.597	1.596	1.595	1.593	1.590	1.586	1.580	1.571
	CF F	1.603	1.604	1.605	1.607	1.610	1.615	1.621	1.630
1.70	N	1.697	1.696	1.694	1.692	1.688	1.683	1.677	1.667
	CF F	1.703	1.704	1.706	1.708	1.712	1.717	1.724	1.735
1.80	N	1.797	1.795	1.793	1.790	1.786	1.781	1.773	1.762
	CF F	1.803	1.805	1.807	1.810	1.814	1.820	1.828	1.840
1.90	N	1.896	1.895	1.892	1.889	1.885	1.878	1.870	1.857
	CF F	1.904	1.906	1.908	1.911	1.916	1.922	1.932	1.945
2.00	N	1.996	1.994	1.991	1.988	1.983	1.976	1.966	1.952
	F	2.004	2.006	2.009	2.012	2.018	2.025	2.036	2.051
2.10	N	2.095	2.093	2.090	2.086	2.081	2.073	2.062	2.046
	F	2.105	2.107	2.110	2.114	2.120	2.128	2.140	2.157
2.30	N	2.294	2.292	2.288	2.283	2.276	2.266	2.253	2.234
	F	2.306	2.309	2.312	2.317	2.324	2.335	2.349	2.371
2.50	N	2.493	2.490	2.486	2.480	2.471	2.459	2.443	2.420
	F	2.507	2.510	2.515	2.521	2.530	2.542	2.560	2.585
2.70	N	2.691	2.688	2.683	2.676	2.666	2.652	2.633	2.606
	F	2.709	2.712	2.717	2.725	2.735	2.750	2.771	2.802
3.00	N	2.989	2.985	2.978	2.969	2.957	2.939	2.915	2.881
	F	3.011	3.016	3.022	3.031	3.044	3.063	3.090	3.129
3.50	N	3.485	3.478	3.470	3.457	3.440	3.415	3.382	3.335
	F	3.515	3.522	3.531	3.544	3.563	3.589	3.627	3.683
4.00	N	3.980	3.971	3.959	3.943	3.920	3.888	3.843	3.781
	F	4.021	4.029	4.041	4.059	4.084	4.120	4.171	4.247
4.50	N	4.474	4.463	4.448	4.427	4.397	0.436	4.299	4.221
	F	4.527	4.538	4.553	4.576	4.608	4.655	4.722	4.820
5.00	N	4.967	4.954	4.935	4.908	4.871	4.820	4.750	4.653
	F	5.033	5.047	5.067	5.095	5.136	5.194	5.279	5.405
5.50	N	5.460	5.444	5.420	5.388	5.343	5.281	5.195	5.079
	F	5.541	5.558	5.582	5.617	5.667	5.739	5.844	6.000
6.00	N	5.952	5.932	5.905	5.866	5.812	5.738	5.636	5.498
	F	6.049	6.069	6.099	6.140	6.201	6.288	6.416	6.606

Cooke S4

180mm

(cont.)

Metres

CF = Close Focus range

U		Depth of field							
		Metres	T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16
7.00	N	6.934	6.907	6.869	6.816	6.742	6.641	6.503	6.318
	F	7.068	7.096	7.137	7.195	7.279	7.401	7.581	7.852
8.00	N	7.913	7.877	7.827	7.758	7.662	7.530	7.351	7.113
	F	8.089	8.127	8.181	8.258	8.370	8.534	8.777	9.146
10.00	N	9.862	9.806	9.727	9.619	9.470	9.266	8.993	8.634
	F	10.142	10.202	10.289	10.413	10.595	10.862	11.266	11.891
12.00	N	11.800	11.719	11.606	11.450	11.237	10.949	10.567	10.070
	F	12.207	12.295	12.422	12.606	12.876	13.278	13.891	14.864
15.00	N	14.685	14.559	14.383	14.143	13.816	13.379	12.807	1.207
	F	15.329	15.469	15.672	15.969	16.409	17.074	18.113	19.821
20.00	N	19.439	19.216	18.909	18.491	17.931	17.195	16.253	15.085
	F	20.595	20.852	21.226	21.780	22.614	23.910	26.021	29.740
30.00	N	28.743	28.253	27.588	26.699	25.537	24.056	22.235	20.087
	F	31.372	31.978	32.877	34.238	36.368	39.878	46.190	59.531
50.00	N	46.579	45.296	43.598	41.403	38.653	35.335	31.514	27.338
	F	53.965	55.799	58.615	63.124	70.831	85.627	121.575	299.798
100.00	N	87.128	82.719	77.196	70.537	62.871	54.500	45.871	37.487
	F	117.344	126.430	141.980	171.889	244.872	613.483	INF	INF
INF	N	672.962	475.901	336.558	238.027	168.355	119.090	84.254	59.621
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke S4

300mm

Metres

Hyperfocal Setting						
T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
1353.83	947.82	677.14	474.13	344.94	237.29	172.70

U	Metres	Apertures						
		T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
2.10	N	2.098	2.097	2.095	2.093	2.091	2.087	2.081
	F	2.102	2.103	2.105	2.107	2.110	2.114	2.119
2.20	N	2.197	2.196	2.194	2.193	2.190	2.185	2.179
	F	2.203	2.204	2.205	2.207	2.211	2.215	2.221
2.30	N	2.297	2.296	2.294	2.292	2.288	2.284	2.277
	F	2.303	2.304	2.306	2.308	2.312	2.317	2.324
2.50	N	2.496	2.495	2.493	2.490	2.486	2.480	2.472
	F	2.504	2.505	2.507	2.510	2.514	2.520	2.529
2.70	N	2.696	2.694	2.692	2.688	2.683	2.676	2.667
	F	2.704	2.706	2.708	2.712	2.717	2.724	2.734
3.00	N	2.995	2.992	2.989	2.985	2.979	2.970	2.958
	F	3.005	3.008	3.011	3.015	3.022	3.031	3.043
3.20	N	3.194	3.191	3.188	3.183	3.176	3.166	3.152
	F	3.206	3.209	3.212	3.218	3.225	3.235	3.250
3.50	N	3.493	3.489	3.485	3.479	3.470	3.458	3.441
	F	3.508	3.511	3.515	3.521	3.530	3.543	3.561
3.70	N	3.692	3.688	3.683	3.676	3.666	3.653	3.634
	F	3.708	3.712	3.717	3.724	3.734	3.749	3.769
4.00	N	3.990	3.986	3.980	3.972	3.960	3.944	3.922
	F	4.010	4.014	4.020	4.029	4.041	4.058	4.082
4.50	N	4.487	4.482	4.474	4.464	4.449	4.428	4.399
	F	4.513	4.518	4.526	4.537	4.552	4.575	4.606
5.00	N	4.984	4.977	4.968	4.955	4.936	4.910	4.874
	F	5.016	5.023	5.033	5.046	5.066	5.094	5.134
6.00	N	5.976	5.966	5.953	5.933	5.906	5.868	5.815
	F	6.024	6.034	6.048	6.068	6.097	6.139	6.198
7.00	N	6.967	6.954	6.935	6.908	6.871	6.818	6.746
	F	7.033	7.047	7.067	7.095	7.135	7.193	7.276
8.00	N	7.957	7.939	7.914	7.878	7.829	7.761	7.666
	F	8.044	8.062	8.088	8.126	8.179	8.256	8.367
10.00	N	9.931	9.903	9.863	9.808	9.730	9.623	9.476
	F	10.070	10.099	10.141	10.200	10.286	10.410	10.590
12.00	N	11.900	11.859	11.801	11.721	11.610	11.456	11.245
	F	12.102	12.145	12.206	12.293	12.419	12.602	12.870
15.00	N	14.842	14.778	14.688	14.562	14.389	14.150	13.827
	F	15.161	15.229	15.326	15.466	15.668	15.963	16.401
20.00	N	19.717	19.603	19.443	19.221	18.917	18.503	17.948
	F	20.291	20.414	20.591	20.847	21.220	21.771	22.603
30.00	N	29.362	29.105	28.750	28.263	27.603	26.721	25.567
	F	30.667	30.953	31.366	31.969	32.864	34.221	36.347
50.00	N	48.237	47.543	46.595	45.319	43.630	41.448	38.714
	F	51.899	52.729	53.949	55.776	58.584	63.081	70.779
75.00	N	71.086	69.582	67.563	64.900	61.477	57.214	52.113
	F	79.375	81.341	84.296	88.864	96.246	109.078	134.477
150.00	N	135.061	129.713	122.838	114.277	104.032	92.340	79.696
	F	168.674	177.850	192.682	218.463	269.504	402.740	1344.264
INF	N	1350.240	954.939	675.418	477.767	338.007	239.182	169.301
	F	INF	INF	INF	INF	INF	INF	INF

# COOKE 35mm ZOOM LENS

## Depth of Field Tables

These depth of field tables refer specifically to the optical design used for this lens, since allowance has been made for the position of the front nodal point relative to the film plane at each focal length.

The tables are based on a disc of confusion of 0.001 inches (0.0254mm) diameter.

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 listed at T/8.0 will be the depth obtained at a criterion for definition corresponding to a disc of confusion of 0.002 inches (0.0508mm) 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 S4 lenses to photograph in 16/Super16 format expand the in-focus area by a factor of 2.

Cooke CXX zoom

15mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
19' 0.0"	13' 7.9"	9' 10.4"	7' 2.4"	5' 3.7"	3' 11.6"	3' 0.3"	2' 4.3"

U Feet		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
18"	N	1' 5.6"	1' 5.5"	1' 5.3"	1' 5.0"	1' 4.7"	1' 4.2"	1' 3.7"	1' 3.0"
	F	1' 6.4"	1' 6.6"	1' 6.9"	1' 7.3"	1' 7.9"	1' 8.9"	1' 10.7"	2' 2.5"
20"	N	1' 7.5"	1' 7.2"	1' 7.0"	1' 6.6"	1' 6.1"	1' 5.5"	1' 4.7"	1' 3.9"
	F	1' 8.6"	1' 8.9"	1' 9.3"	1' 9.9"	1' 10.9"	2' 0.6"	2' 3.9"	2' 11.8"
22"	N	1' 9.2"	1' 9.0"	1' 8.6"	1' 8.1"	1' 7.4"	1' 6.6"	1' 5.7"	1' 4.6"
	F	1' 10.9"	1' 11.2"	1' 11.8"	2' 0.7"	2' 2.2"	2' 4.9"	2' 10.5"	4' 3.3"
2'	N	1' 11.0"	1' 10.6"	1' 10.1"	1' 9.5"	1' 8.7"	1' 7.7"	1' 6.6"	1' 5.3"
	F	2' 1.1"	2' 1.7"	2' 2.5"	2' 3.7"	2' 5.9"	2' 10.0"	3' 7.3"	6' 10.2"
2' 3"	N	2' 1.6"	2' 1.1"	2' 0.4"	1' 11.5"	1' 10.4"	1' 9.2"	1' 7.7"	1' 6.2"
	F	2' 4.7"	2' 5.4"	2' 6.7"	2' 8.6"	3' 0.1"	3' 7.4"	5' 3.9"	30' 1.8"
2' 6"	N	2' 4.1"	2' 3.4"	2' 2.6"	2' 1.4"	2' 0.1"	1' 10.5"	1' 8.7"	1' 6.9"
	F	2' 8.3"	2' 9.4"	2' 11.1"	3' 2.0"	3' 7.5"	4' 8.0"	8' 9.0"	INF
2' 9"	N	2' 6.6"	2' 5.7"	2' 4.6"	2' 3.2"	2' 1.6"	1' 11.7"	1' 9.6"	1' 7.6"
	F	3' 0.0"	3' 1.5"	3' 3.9"	3' 8.1"	4' 4.3"	6' 1.9"	18' 11.3"	INF
3'	N	2' 9.0"	2' 7.9"	2' 6.6"	2' 4.9"	2' 3.0"	2' 0.8"	1' 10.4"	1' 8.1"
	F	3' 3.9"	3' 5.8"	3' 9.0"	4' 2.8"	5' 3.1"	8' 5.3"	INF	INF
3' 6"	N	3' 1.6"	3' 0.1"	2' 10.3"	2' 8.0"	2' 5.5"	2' 2.7"	1' 11.8"	1' 9.0"
	F	3' 11.9"	4' 3.1"	4' 8.5"	5' 7.0"	7' 9.5"	20' 7.0"	INF	INF
4'	N	3' 6.0"	3' 4.1"	3' 1.7"	2' 10.8"	2' 7.6"	2' 4.3"	2' 0.9"	1' 9.8"
	F	4' 8.6"	5' 1.3"	5' 9.9"	7' 4.4"	12' 3.6"	INF	INF	INF
4' 6"	N	3' 10.3"	3' 7.8"	3' 4.8"	3' 1.3"	2' 9.6"	2' 5.7"	2' 1.9"	1' 10.4"
	F	5' 5.8"	6' 0.7"	7' 1.8"	9' 9.6"	22' 6.1"	INF	INF	INF
5'	N	4' 2.3"	3' 11.3"	3' 7.7"	3' 3.6"	2' 11.3"	2' 6.9"	2' 2.7"	1' 10.9"
	F	6' 3.6"	7' 1.3"	8' 9.0"	13' 4.2"	67' 9.7"	INF	INF	INF
5' 6"	N	4' 6.2"	4' 2.6"	3' 10.4"	3' 5.7"	3' 0.8"	2' 7.9"	2' 3.3"	1' 11.3"
	F	7' 2.2"	8' 3.5"	10' 8.6"	19' 0.1"	INF	INF	INF	INF
6'	N	4' 9.9"	4' 5.7"	4' 0.9"	3' 7.6"	3' 2.2"	2' 8.8"	2' 3.9"	1' 11.7"
	F	8' 1.6"	9' 7.6"	13' 2.3"	29' 5.2"	INF	INF	INF	INF
7'	N	5' 4.8"	4' 11.4"	4' 5.4"	3' 11.0"	3' 4.5"	2' 10.4"	2' 4.9"	2' 0.2"
	F	10' 3.3"	12' 10.9"	20' 8.7"	INF	INF	INF	INF	INF
8'	N	5' 11.2"	5' 4.6"	4' 9.4"	4' 1.9"	3' 6.5"	2' 11.7"	2' 5.7"	2' 0.7"
	F	12' 9.6"	17' 4.2"	36' 3.8"	INF	INF	INF	INF	INF
10'	N	6' 10.6"	6' 1.6"	5' 4.0"	4' 6.5"	3' 9.6"	3' 1.6"	2' 6.8"	2' 1.4"
	F	19' 6.4"	33' 5.9"	INF	INF	INF	INF	INF	INF
12'	N	7' 8.5"	6' 9.1"	5' 9.4"	4' 10.1"	3' 11.9"	3' 3.0"	2' 7.6"	2' 1.8"
	F	30' 1.1"	88' 6.1"	INF	INF	INF	INF	INF	INF
15'	N	8' 9.0"	7' 6.2"	6' 3.7"	5' 2.2"	4' 2.4"	3' 4.5"	2' 8.5"	2' 2.3"
	F	65' 7.5"	INF	INF	INF	INF	INF	INF	INF
20'	N	10' 1.4"	8' 5.7"	6' 11.3"	5' 6.9"	4' 5.2"	3' 6.1"	2' 9.4"	2' 2.8"
	F	INF	INF	INF	INF	INF	INF	INF	INF
30'	N	11' 11.9"	9' 8.5"	7' 8.5"	6' 0.4"	4' 8.3"	3' 7.8"	2' 10.3"	2' 3.2"
	F	INF	INF	INF	INF	INF	INF	INF	INF
60'	N	14' 8.7"	11' 4.3"	8' 8.0"	6' 6.9"	4' 11.8"	3' 9.7"	2' 11.3"	2' 3.8"
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	19' 0.6"	13' 8.2"	9' 10.7"	7' 2.6"	5' 3.8"	3' 11.7"	3' 0.3"	2' 4.3"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

18mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
25' 8.2"	18' 4.5"	13' 2.5"	9' 6.7"	6' 11.7"	5' 1.8"	3' 10.3"	2' 11.3"

U Feet		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
18"	N	1' 5.7"	1' 5.6"	1' 5.5"	1' 5.3"	1' 5.0"	1' 4.6"	1' 4.2"	1' 3.6"
	F	1' 6.3"	1' 6.4"	1' 6.6"	1' 6.9"	1' 7.3"	1' 8.0"	1' 9.0"	1' 11.0"
20"	N	1' 7.6"	1' 7.4"	1' 7.2"	1' 6.9"	1' 6.5"	1' 6.0"	1' 5.4"	1' 4.7"
	F	1' 8.4"	1' 8.6"	1' 8.9"	1' 9.3"	1' 10.0"	1' 11.0"	2' 0.9"	2' 4.4"
22"	N	1' 9.4"	1' 9.2"	1' 8.9"	1' 8.5"	1' 8.0"	1' 7.3"	1' 6.5"	1' 5.6"
	F	1' 10.6"	1' 10.9"	1' 11.3"	1' 11.9"	2' 0.9"	2' 2.4"	2' 5.3"	2' 11.4"
2'	N	1' 11.3"	1' 11.0"	1' 10.6"	1' 10.1"	1' 9.4"	1' 8.6"	1' 7.6"	1' 6.4"
	F	2' 0.8"	2' 1.2"	2' 1.7"	2' 2.6"	2' 3.9"	2' 6.2"	2' 10.6"	3' 9.0"
2' 3"	N	2' 1.9"	2' 1.5"	2' 1.0"	2' 0.3"	1' 11.4"	1' 10.3"	1' 9.0"	1' 7.6"
	F	2' 4.2"	2' 4.7"	2' 5.5"	2' 6.8"	2' 8.9"	3' 0.7"	3' 8.5"	5' 8.4"
2' 6"	N	2' 4.6"	2' 4.1"	2' 3.4"	2' 2.4"	2' 1.3"	1' 11.9"	1' 10.3"	1' 8.5"
	F	2' 7.6"	2' 8.4"	2' 9.5"	2' 11.4"	3' 2.5"	3' 8.4"	4' 10.2"	9' 11.4"
2' 9"	N	2' 7.2"	2' 6.5"	2' 5.6"	2' 4.5"	2' 3.1"	2' 1.4"	1' 11.5"	1' 9.4"
	F	2' 11.1"	3' 0.1"	3' 1.7"	3' 4.2"	3' 8.7"	4' 5.7"	6' 6.3"	26' 6.9"
3'	N	2' 9.7"	2' 8.9"	2' 7.8"	2' 6.4"	2' 4.7"	2' 2.7"	2' 0.5"	1' 10.2"
	F	3' 2.7"	3' 4.0"	3' 6.1"	3' 9.5"	4' 3.7"	5' 5.2"	9' 2.3"	INF
3' 6"	N	3' 2.7"	3' 1.5"	2' 11.9"	2' 10.0"	2' 7.8"	2' 5.2"	2' 2.4"	1' 11.5"
	F	3' 10.2"	4' 0.2"	4' 3.5"	4' 9.3"	5' 8.7"	8' 2.7"	26' 5.6"	INF
4'	N	3' 7.4"	3' 5.9"	3' 3.8"	3' 1.4"	2' 10.5"	2' 7.3"	2' 3.9"	2' 0.6"
	F	4' 5.9"	4' 9.0"	5' 2.0"	5' 11.2"	7' 7.5"	13' 6.1"	INF	INF
4' 6"	N	4' 0.1"	3' 10.0"	3' 7.5"	3' 4.4"	3' 0.9"	2' 9.1"	2' 5.2"	2' 1.5"
	F	5' 2.1"	5' 6.3"	6' 1.7"	7' 3.9"	10' 3.6"	27' 2.7"	INF	INF
5'	N	4' 4.5"	4' 2.0"	3' 10.9"	3' 7.3"	3' 3.2"	2' 10.8"	2' 6.4"	2' 2.2"
	F	5' 10.6"	6' 4.4"	7' 2.8"	9' 0.3"	14' 4.2"	INF	INF	INF
5' 6"	N	4' 8.8"	4' 5.8"	4' 2.2"	3' 9.9"	3' 5.2"	3' 0.3"	2' 7.4"	2' 2.9"
	F	6' 7.6"	7' 3.3"	8' 5.6"	11' 1.7"	21' 2.1"	INF	INF	INF
6'	N	5' 1.0"	4' 9.4"	4' 5.2"	4' 0.3"	3' 7.0"	3' 1.6"	2' 8.3"	2' 3.4"
	F	7' 5.0"	8' 3.0"	9' 10.4"	13' 10.3"	35' 1.9"	INF	INF	INF
7'	N	5' 8.9"	5' 4.3"	4' 10.8"	4' 4.7"	3' 10.3"	3' 3.8"	2' 9.8"	2' 4.4"
	F	9' 1.3"	10' 5.6"	13' 4.3"	22' 6.1"	INF	INF	INF	INF
8'	N	6' 4.3"	5' 10.5"	5' 3.9"	4' 8.6"	4' 1.0"	3' 5.7"	2' 11.0"	2' 5.1"
	F	10' 11.9"	13' 1.3"	18' 2.3"	42' 4.8"	INF	INF	INF	INF
10'	N	7' 5.9"	6' 9.7"	6' 0.6"	5' 3.0"	4' 5.5"	3' 8.6"	3' 0.8"	2' 6.2"
	F	15' 5.9"	20' 3.4"	36' 11.2"	INF	INF	INF	INF	INF
12'	N	8' 5.9"	7' 7.3"	6' 7.8"	5' 8.1"	4' 9.0"	3' 10.8"	3' 2.1"	2' 6.9"
	F	21' 3.6"	31' 11.8"	INF	INF	INF	INF	INF	INF
15'	N	9' 9.7"	8' 7.4"	7' 4.6"	6' 2.2"	5' 0.9"	4' 1.2"	3' 3.5"	2' 7.7"
	F	34' 1.1"	75' 7.2"	INF	INF	INF	INF	INF	INF
20'	N	11' 7.2"	9' 11.3"	8' 3.6"	6' 9.4"	5' 5.3"	4' 3.9"	3' 5.0"	2' 8.6"
	F	85' 5.9"	INF	INF	INF	INF	INF	INF	INF
30'	N	14' 2.4"	11' 8.9"	9' 5.8"	7' 6.1"	5' 10.5"	4' 6.8"	3' 6.6"	2' 9.4"
	F	INF	INF	INF	INF	INF	INF	INF	INF
60'	N	18' 3.5"	14' 4.0"	11' 0.5"	8' 5.0"	6' 4.5"	4' 10.1"	3' 8.4"	2' 10.3"
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	25' 8.3"	18' 4.6"	13' 2.6"	9' 6.7"	6' 11.7"	5' 1.8"	3' 10.3"	2' 11.3"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

21mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
33' 8.5"	24' 0.7"	17' 2.7"	12' 4.7"	8' 11.8"	6' 6.8"	4' 10.3"	3' 7.8"

U Feet		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
18"	N	1' 5.8"	1' 5.7"	1' 5.6"	1' 5.4"	1' 5.2"	1' 4.9"	1' 4.5"	1' 4.1"
	F	1' 6.2"	1' 6.3"	1' 6.5"	1' 6.7"	1' 7.0"	1' 7.4"	1' 8.1"	1' 9.3"
20"	N	1' 7.7"	1' 7.6"	1' 7.4"	1' 7.2"	1' 6.9"	1' 6.4"	1' 5.9"	1' 5.3"
	F	1' 8.3"	1' 8.5"	1' 8.7"	1' 9.0"	1' 9.4"	1' 10.2"	1' 11.3"	2' 1.3"
22"	N	1' 9.6"	1' 9.4"	1' 9.2"	1' 8.9"	1' 8.4"	1' 7.9"	1' 7.2"	1' 6.4"
	F	1' 10.5"	1' 10.7"	1' 11.0"	1' 11.4"	2' 0.1"	2' 1.1"	2' 2.9"	2' 6.1"
2'	N	1' 11.4"	1' 11.2"	1' 10.9"	1' 10.5"	1' 10.0"	1' 9.3"	1' 8.4"	1' 7.4"
	F	2' 0.6"	2' 0.9"	2' 1.3"	2' 1.9"	2' 2.8"	2' 4.3"	2' 6.8"	2' 11.8"
2' 3"	N	2' 2.2"	2' 1.9"	2' 1.5"	2' 0.9"	2' 0.2"	1' 11.2"	1' 10.1"	1' 8.7"
	F	2' 3.9"	2' 4.3"	2' 4.9"	2' 5.7"	2' 7.1"	2' 9.5"	3' 1.7"	3' 11.0"
2' 6"	N	2' 4.9"	2' 4.5"	2' 3.9"	2' 3.2"	2' 2.2"	2' 1.0"	1' 11.6"	1' 10.0"
	F	2' 7.2"	2' 7.7"	2' 8.6"	2' 9.8"	2' 11.8"	3' 3.3"	3' 10.1"	5' 3.1"
2' 9"	N	2' 7.6"	2' 7.1"	2' 6.4"	2' 5.4"	2' 4.2"	2' 2.8"	2' 1.0"	1' 11.1"
	F	2' 10.6"	2' 11.3"	3' 0.4"	3' 2.1"	3' 4.9"	3' 9.9"	4' 8.4"	7' 4.3"
3'	N	2' 10.2"	2' 9.6"	2' 8.7"	2' 7.6"	2' 6.1"	2' 4.4"	2' 2.3"	2' 0.1"
	F	3' 2.0"	3' 2.9"	3' 4.4"	3' 6.6"	3' 10.4"	4' 5.4"	5' 9.6"	11' 1.1"
3' 6"	N	3' 3.4"	3' 2.5"	3' 1.2"	2' 11.6"	2' 9.6"	2' 7.3"	2' 4.6"	2' 1.8"
	F	3' 9.1"	3' 10.5"	4' 0.7"	4' 4.4"	4' 10.9"	6' 0.2"	9' 2.5"	59' 1.7"
4'	N	3' 8.5"	3' 7.2"	3' 5.5"	3' 3.4"	3' 0.9"	2' 9.9"	2' 6.6"	2' 3.3"
	F	4' 4.3"	4' 6.4"	4' 9.7"	5' 3.3"	6' 1.9"	8' 2.3"	16' 7.8"	INF
4' 6"	N	4' 1.4"	3' 11.7"	3' 9.6"	3' 6.9"	3' 3.8"	3' 0.2"	2' 8.4"	2' 4.5"
	F	4' 11.8"	5' 2.7"	5' 7.4"	6' 3.6"	7' 8.2"	11' 5.1"	45' 6.2"	INF
5'	N	4' 6.1"	4' 4.1"	4' 1.5"	3' 10.3"	3' 6.5"	3' 2.3"	2' 9.9"	2' 5.6"
	F	5' 7.6"	5' 11.5"	6' 5.9"	7' 5.6"	9' 7.1"	16' 8.8"	INF	INF
5' 6"	N	4' 10.8"	4' 8.3"	4' 5.2"	4' 1.4"	3' 9.0"	3' 4.2"	2' 11.3"	2' 6.5"
	F	6' 3.7"	6' 8.7"	7' 5.3"	8' 9.7"	12' 0.7"	27' 0.7"	INF	INF
6'	N	5' 3.3"	5' 0.3"	4' 8.7"	4' 4.3"	3' 11.3"	3' 6.0"	3' 0.5"	2' 7.3"
	F	7' 0.0"	7' 6.5"	8' 5.7"	10' 4.2"	15' 4.2"	55' 10.9"	INF	INF
7'	N	6' 0.0"	5' 8.1"	5' 3.3"	4' 9.7"	4' 3.5"	3' 9.0"	3' 2.6"	2' 8.7"
	F	8' 5.7"	9' 3.7"	10' 10.2"	14' 3.5"	26' 11.1"	INF	INF	INF
8'	N	6' 8.2"	6' 3.3"	5' 9.3"	5' 2.5"	4' 7.1"	3' 11.6"	3' 4.3"	2' 9.8"
	F	10' 0.7"	11' 3.5"	13' 8.8"	20' 0.4"	62' 2.6"	INF	INF	INF
10'	N	7' 11.6"	7' 4.4"	6' 8.0"	5' 10.8"	5' 1.2"	4' 3.7"	3' 7.0"	2' 11.4"
	F	13' 7.5"	16' 1.3"	21' 10.7"	45' 10.7"	INF	INF	INF	INF
12'	N	9' 1.6"	8' 4.0"	7' 5.1"	6' 5.6"	5' 5.9"	4' 6.9"	3' 9.0"	3' 0.6"
	F	17' 10.1"	22' 6.3"	36' 3.4"	INF	INF	INF	INF	INF
15'	N	10' 8.3"	9' 7.0"	8' 4.6"	7' 1.8"	5' 11.5"	4' 10.5"	3' 11.2"	3' 1.9"
	F	25' 10.4"	37' 5.4"	106' 2.3"	INF	INF	INF	INF	INF
20'	N	12' 10.8"	11' 3.4"	9' 7.5"	8' 0.0"	6' 6.1"	5' 2.5"	4' 1.6"	3' 3.2"
	F	47' 0.2"	111' 1.8"	INF	INF	INF	INF	INF	INF
30'	N	16' 3.0"	13' 8.6"	11' 3.5"	9' 0.9"	7' 2.1"	5' 7.2"	4' 4.2"	3' 4.6"
	F	258' 4.6"	INF	INF	INF	INF	INF	INF	INF
60'	N	21' 11.3"	17' 5.8"	13' 7.8"	10' 5.8"	7' 11.8"	6' 0.6"	4' 7.1"	3' 6.2"
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	33' 9.2"	24' 1.1"	17' 3.0"	12' 4.9"	8' 11.9"	6' 6.9"	4' 10.3"	3' 7.8"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

25mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
45' 3.7"	32' 3.1"	23' 0.3"	16' 5.9"	11' 10.5"	8' 7.4"	6' 3.7"	4' 8.1"

Track	Feet	Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
18"	N	1' 5.8"	1' 5.8"	1' 5.7"	1' 5.6"	1' 5.4"	1' 5.2"	1' 4.9"	1' 4.5"
	F	1' 6.2"	1' 6.2"	1' 6.3"	1' 6.5"	1' 6.7"	1' 7.0"	1' 7.5"	1' 8.2"
20"	N	1' 7.8"	1' 7.7"	1' 7.5"	1' 7.4"	1' 7.1"	1' 6.8"	1' 6.4"	1' 5.8"
	F	1' 8.2"	1' 8.3"	1' 8.5"	1' 8.7"	1' 9.0"	1' 9.5"	1' 10.3"	1' 11.5"
22"	N	1' 9.7"	1' 9.6"	1' 9.4"	1' 9.1"	1' 8.8"	1' 8.4"	1' 7.8"	1' 7.1"
	F	1' 10.3"	1' 10.5"	1' 10.7"	1' 11.0"	1' 11.5"	2' 0.2"	2' 1.3"	2' 3.1"
2'	N	1' 11.6"	1' 11.4"	1' 11.2"	1' 10.9"	1' 10.4"	1' 9.9"	1' 9.2"	1' 8.3"
	F	2' 0.4"	2' 0.6"	2' 0.9"	2' 1.3"	2' 2.0"	2' 2.9"	2' 4.5"	2' 7.2"
2' 3"	N	2' 2.4"	2' 2.2"	2' 1.8"	2' 1.4"	2' 0.8"	2' 0.1"	1' 11.1"	1' 9.9"
	F	2' 3.6"	2' 3.9"	2' 4.3"	2' 4.9"	2' 5.9"	2' 7.4"	2' 9.8"	3' 2.4"
2' 6"	N	2' 5.2"	2' 4.9"	2' 4.4"	2' 3.9"	2' 3.1"	2' 2.1"	2' 0.9"	1' 11.4"
	F	2' 6.9"	2' 7.3"	2' 7.8"	2' 8.7"	2' 10.0"	3' 0.1"	3' 3.9"	3' 11.3"
2' 9"	N	2' 7.9"	2' 7.5"	2' 7.0"	2' 6.2"	2' 5.3"	2' 4.1"	2' 2.6"	2' 0.8"
	F	2' 10.1"	2' 10.7"	2' 11.4"	3' 0.6"	3' 2.4"	3' 5.3"	3' 10.8"	4' 10.5"
3'	N	2' 10.7"	2' 10.2"	2' 9.5"	2' 8.6"	2' 7.4"	2' 5.9"	2' 4.1"	2' 2.0"
	F	3' 1.5"	3' 2.1"	3' 3.1"	3' 4.6"	3' 7.0"	3' 11.0"	4' 6.7"	6' 0.9"
3' 6"	N	3' 4.1"	3' 3.3"	3' 2.3"	3' 1.0"	2' 11.4"	2' 9.4"	2' 7.0"	2' 4.3"
	F	3' 8.2"	3' 9.2"	3' 10.7"	4' 1.1"	4' 5.0"	5' 0.0"	6' 2.8"	10' 0.3"
4'	N	3' 9.3"	3' 8.3"	3' 7.0"	3' 5.3"	3' 3.1"	3' 0.5"	2' 9.5"	2' 6.2"
	F	4' 3.1"	4' 4.5"	4' 6.7"	4' 10.3"	5' 4.3"	6' 3.7"	8' 7.5"	19' 9.2"
4' 6"	N	4' 2.5"	4' 1.2"	3' 11.5"	3' 9.3"	3' 6.6"	3' 3.4"	2' 11.8"	2' 7.9"
	F	4' 10.2"	5' 0.1"	5' 3.2"	5' 8.2"	6' 5.1"	7' 11.3"	12' 4.0"	83' 9.3"
5'	N	4' 7.5"	4' 5.9"	4' 3.8"	4' 1.1"	3' 9.8"	3' 6.0"	3' 1.8"	2' 9.4"
	F	5' 5.4"	5' 8.0"	6' 0.1"	6' 7.0"	7' 7.7"	10' 0.3"	18' 10.3"	INF
5' 6"	N	5' 0.5"	4' 10.5"	4' 7.9"	4' 4.7"	4' 0.9"	3' 8.4"	3' 3.6"	2' 10.7"
	F	6' 0.8"	6' 4.2"	6' 9.5"	7' 6.8"	9' 0.7"	12' 9.2"	33' 4.3"	INF
6'	N	5' 5.3"	5' 3.0"	4' 11.9"	4' 8.2"	4' 3.7"	3' 10.7"	3' 5.3"	2' 11.8"
	F	6' 8.5"	7' 0.7"	7' 7.5"	8' 7.6"	10' 8.5"	16' 6.7"	93' 5.2"	INF
7'	N	6' 2.7"	5' 11.5"	5' 7.5"	5' 2.6"	4' 9.0"	4' 2.7"	3' 8.2"	3' 1.8"
	F	8' 0.3"	8' 6.6"	9' 5.3"	11' 1.5"	15' 0.2"	31' 0.8"	INF	INF
8'	N	6' 11.8"	6' 7.7"	6' 2.6"	5' 8.5"	5' 1.6"	4' 6.2"	3' 10.7"	3' 3.5"
	F	9' 4.9"	10' 2.1"	11' 6.0"	14' 2.3"	21' 6.3"	91' 3.1"	INF	INF
10'	N	8' 4.9"	7' 10.8"	7' 3.4"	6' 6.9"	5' 9.6"	4' 11.9"	4' 2.6"	3' 6.0"
	F	12' 5.1"	13' 10.1"	16' 6.8"	23' 1.6"	54' 11.5"	INF	INF	INF
12'	N	9' 8.8"	9' 0.5"	8' 2.7"	7' 3.7"	6' 4.1"	5' 4.5"	4' 5.6"	3' 7.9"
	F	15' 9.6"	18' 2.9"	23' 5.4"	39' 11.4"	INF	INF	INF	INF
15'	N	11' 6.6"	10' 6.8"	9' 5.3"	8' 2.8"	7' 0.0"	5' 9.8"	4' 8.9"	3' 9.9"
	F	21' 8.2"	26' 8.7"	40' 1.7"	146' 7.2"	INF	INF	INF	INF
20'	N	14' 2.4"	12' 8.5"	11' 1.0"	9' 5.0"	7' 9.7"	6' 4.0"	5' 0.8"	4' 0.1"
	F	34' 6.9"	50' 0.3"	139' 8.4"	INF	INF	INF	INF	INF
30'	N	18' 5.1"	15' 11.2"	13' 4.9"	11' 0.0"	8' 9.9"	6' 11.5"	5' 5.1"	4' 2.5"
	F	85' 4.0"	390' 9.1"	INF	INF	INF	INF	INF	INF
60'	N	26' 2.7"	21' 4.3"	16' 11.7"	13' 2.6"	10' 1.7"	7' 8.5"	5' 10.1"	4' 5.2"
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	45' 5.9"	32' 4.5"	23' 1.3"	16' 6.6"	11' 11.0"	8' 7.7"	6' 3.9"	4' 8.2"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

27mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
51' 11.5"	36' 11.5"	26' 4.2"	18' 10.1"	13' 6.5"	9' 9.5"	7' 1.6"	5' 3.1"

U Feet		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
18"	N	1' 5.9"	1' 5.8"	1' 5.7"	1' 5.6"	1' 5.5"	1' 5.3"	1' 5.0"	1' 4.7"
	F	1' 6.1"	1' 6.2"	1' 6.3"	1' 6.4"	1' 6.6"	1' 6.9"	1' 7.3"	1' 7.9"
20"	N	1' 7.8"	1' 7.7"	1' 7.6"	1' 7.4"	1' 7.2"	1' 6.9"	1' 6.6"	1' 6.1"
	F	1' 8.2"	1' 8.3"	1' 8.4"	1' 8.6"	1' 8.9"	1' 9.3"	1' 9.9"	1' 10.9"
22"	N	1' 9.7"	1' 9.6"	1' 9.5"	1' 9.2"	1' 8.9"	1' 8.6"	1' 8.1"	1' 7.4"
	F	1' 10.3"	1' 10.4"	1' 10.6"	1' 10.9"	1' 11.3"	1' 11.8"	2' 0.8"	2' 2.3"
2'	N	1' 11.6"	1' 11.5"	1' 11.3"	1' 11.0"	1' 10.6"	1' 10.1"	1' 9.5"	1' 8.7"
	F	2' 0.4"	2' 0.6"	2' 0.8"	2' 1.2"	2' 1.7"	2' 2.5"	2' 3.8"	2' 6.0"
2' 3"	N	2' 2.5"	2' 2.3"	2' 2.0"	2' 1.6"	2' 1.1"	2' 0.4"	1' 11.5"	1' 10.4"
	F	2' 3.6"	2' 3.8"	2' 4.2"	2' 4.7"	2' 5.5"	2' 6.7"	2' 8.7"	3' 0.2"
2' 6"	N	2' 5.3"	2' 5.0"	2' 4.6"	2' 4.1"	2' 3.4"	2' 2.5"	2' 1.4"	2' 0.0"
	F	2' 6.8"	2' 7.1"	2' 7.6"	2' 8.3"	2' 9.4"	2' 11.2"	3' 2.1"	3' 7.7"
2' 9"	N	2' 8.1"	2' 7.7"	2' 7.2"	2' 6.6"	2' 5.7"	2' 4.6"	2' 3.2"	2' 1.5"
	F	2' 10.0"	2' 10.4"	2' 11.1"	3' 0.0"	3' 1.5"	3' 4.0"	3' 8.2"	4' 4.5"
3'	N	2' 10.8"	2' 10.4"	2' 9.8"	2' 9.0"	2' 7.9"	2' 6.5"	2' 4.9"	2' 2.9"
	F	3' 1.3"	3' 1.8"	3' 2.7"	3' 3.9"	3' 5.9"	3' 9.1"	4' 3.0"	5' 3.4"
3' 6"	N	3' 4.3"	3' 3.6"	3' 2.8"	3' 1.6"	3' 0.1"	2' 10.2"	2' 8.0"	2' 5.4"
	F	3' 7.9"	3' 8.8"	3' 10.0"	4' 0.0"	4' 3.2"	4' 8.7"	5' 7.4"	7' 10.4"
4'	N	3' 9.6"	3' 8.7"	3' 7.6"	3' 6.0"	3' 4.0"	3' 1.6"	2' 10.7"	2' 7.5"
	F	4' 2.7"	4' 3.9"	4' 5.7"	4' 8.6"	5' 1.5"	5' 10.2"	7' 4.9"	12' 5.8"
4' 6"	N	4' 2.9"	4' 1.7"	4' 0.2"	3' 10.2"	3' 7.7"	3' 4.7"	3' 1.2"	2' 9.4"
	F	4' 9.6"	4' 11.3"	5' 1.8"	5' 5.9"	6' 0.9"	7' 2.3"	9' 10.7"	23' 2.0"
5'	N	4' 8.1"	4' 6.6"	4' 4.7"	4' 2.2"	3' 11.2"	3' 7.6"	3' 3.5"	2' 11.1"
	F	5' 4.7"	5' 6.8"	5' 10.3"	6' 3.8"	7' 1.6"	8' 9.7"	13' 6.4"	74' 5.9"
5' 6"	N	5' 1.1"	4' 11.3"	4' 9.0"	4' 6.1"	4' 2.5"	3' 10.2"	3' 5.6"	3' 0.6"
	F	5' 11.9"	6' 2.7"	6' 7.1"	7' 2.5"	8' 3.9"	10' 9.6"	19' 4.6"	INF
6'	N	5' 6.1"	5' 4.0"	5' 1.2"	4' 9.7"	4' 5.6"	4' 0.7"	3' 7.4"	3' 2.0"
	F	6' 7.2"	6' 10.8"	7' 4.4"	8' 1.9"	9' 8.2"	13' 3.9"	30' 4.4"	INF
7'	N	6' 3.8"	6' 0.9"	5' 9.2"	5' 4.7"	4' 11.3"	4' 5.2"	3' 10.8"	3' 4.3"
	F	7' 10.5"	8' 3.7"	9' 0.4"	10' 3.8"	13' 0.1"	21' 0.8"	INF	INF
8'	N	7' 1.2"	6' 9.4"	6' 4.7"	5' 11.0"	5' 4.4"	4' 9.2"	4' 1.6"	3' 6.2"
	F	9' 2.4"	9' 9.9"	10' 10.5"	12' 10.4"	17' 6.3"	37' 5.0"	INF	INF
10'	N	8' 7.0"	8' 1.3"	7' 6.5"	6' 10.4"	6' 1.3"	5' 3.7"	4' 6.2"	3' 9.3"
	F	12' 0.5"	13' 2.2"	15' 3.0"	19' 8.3"	34' 2.2"	INF	INF	INF
12'	N	9' 11.6"	9' 3.9"	8' 6.7"	7' 8.1"	6' 8.7"	5' 9.0"	4' 9.8"	3' 11.5"
	F	15' 2.1"	17' 1.0"	20' 10.0"	30' 6.0"	93' 7.5"	INF	INF	INF
15'	N	11' 10.7"	10' 11.6"	9' 10.8"	8' 8.6"	7' 5.8"	6' 3.3"	5' 1.8"	4' 2.0"
	F	20' 6.0"	24' 3.1"	32' 10.7"	67' 7.5"	INF	INF	INF	INF
20'	N	14' 8.9"	13' 3.8"	11' 8.8"	10' 0.9"	8' 5.1"	6' 10.7"	5' 6.5"	4' 4.8"
	F	31' 7.1"	41' 10.0"	78' 1.8"	INF	INF	INF	INF	INF
30'	N	19' 4.4"	16' 11.1"	14' 4.8"	11' 11.1"	9' 7.7"	7' 7.8"	5' 11.8"	4' 7.8"
	F	68' 10.3"	152' 1.1"	INF	INF	INF	INF	INF	INF
60'	N	28' 2.8"	23' 2.8"	18' 7.6"	14' 7.4"	11' 3.3"	8' 7.1"	6' 6.2"	4' 11.3"
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	52' 0.6"	37' 0.2"	26' 4.6"	18' 10.4"	13' 6.7"	9' 9.6"	7' 1.7"	5' 3.1"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

32mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
69' 8.6"	49' 6.2"	35' 2.6"	25' 1.4"	17' 11.7"	12' 11.1"	9' 4.2"	6' 9.9"

U Feet		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
18"	N	1' 5.9"	1' 5.9"	1' 5.8"	1' 5.7"	1' 5.6"	1' 5.4"	1' 5.2"	1' 5.0"
	F	1' 6.1"	1' 6.1"	1' 6.2"	1' 6.3"	1' 6.4"	1' 6.6"	1' 6.9"	1' 7.3"
20"	N	1' 7.8"	1' 7.8"	1' 7.7"	1' 7.6"	1' 7.4"	1' 7.2"	1' 6.9"	1' 6.5"
	F	1' 8.2"	1' 8.2"	1' 8.3"	1' 8.5"	1' 8.6"	1' 8.9"	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"	2' 0.0"	2' 0.9"
2'	N	1' 11.7"	1' 11.6"	1' 11.5"	1' 11.2"	1' 10.9"	1' 10.6"	1' 10.0"	1' 9.4"
	F	2' 0.3"	2' 0.4"	2' 0.6"	2' 0.8"	2' 1.2"	2' 1.8"	2' 2.6"	2' 4.0"
2' 3"	N	2' 2.6"	2' 2.4"	2' 2.2"	2' 1.9"	2' 1.5"	2' 1.0"	2' 0.2"	1' 11.3"
	F	2' 3.4"	2' 3.6"	2' 3.8"	2' 4.2"	2' 4.8"	2' 5.6"	2' 6.9"	2' 9.1"
2' 6"	N	2' 5.5"	2' 5.3"	2' 5.0"	2' 4.6"	2' 4.0"	2' 3.3"	2' 2.4"	2' 1.2"
	F	2' 6.6"	2' 6.8"	2' 7.2"	2' 7.7"	2' 8.4"	2' 9.6"	2' 11.5"	3' 2.7"
2' 9"	N	2' 8.3"	2' 8.0"	2' 7.7"	2' 7.1"	2' 6.4"	2' 5.5"	2' 4.4"	2' 2.9"
	F	2' 9.7"	2' 10.1"	2' 10.5"	2' 11.2"	3' 0.2"	3' 1.8"	3' 4.5"	3' 9.1"
3'	N	2' 11.1"	2' 10.8"	2' 10.3"	2' 9.7"	2' 8.8"	2' 7.7"	2' 6.3"	2' 4.6"
	F	3' 0.9"	3' 1.3"	3' 1.9"	3' 2.8"	3' 4.2"	3' 6.3"	3' 9.8"	4' 4.2"
3' 6"	N	3' 4.7"	3' 4.2"	3' 3.5"	3' 2.6"	3' 1.4"	2' 11.8"	2' 9.9"	2' 7.6"
	F	3' 7.4"	3' 8.0"	3' 8.9"	3' 10.3"	4' 0.4"	4' 3.8"	4' 9.8"	5' 9.8"
4'	N	3' 10.2"	3' 9.5"	3' 8.6"	3' 7.3"	3' 5.7"	3' 3.7"	3' 1.2"	2' 10.2"
	F	4' 2.0"	4' 2.8"	4' 4.1"	4' 6.1"	4' 9.2"	5' 2.5"	6' 0.1"	7' 9.6"
4' 6"	N	4' 3.6"	4' 2.7"	4' 1.5"	3' 11.9"	3' 9.8"	3' 7.3"	3' 4.2"	3' 0.6"
	F	4' 8.6"	4' 9.8"	4' 11.6"	5' 2.3"	5' 6.7"	6' 2.3"	7' 5.3"	10' 7.7"
5'	N	4' 9.0"	4' 7.9"	4' 6.3"	4' 4.3"	4' 1.8"	3' 10.7"	3' 7.0"	3' 2.8"
	F	5' 3.4"	5' 4.9"	5' 7.3"	5' 10.9"	6' 4.9"	7' 3.7"	9' 2.5"	15' 0.6"
5' 6"	N	5' 2.3"	5' 0.9"	4' 11.0"	4' 8.6"	4' 5.5"	4' 1.8"	3' 9.5"	3' 4.8"
	F	5' 10.3"	6' 0.2"	6' 3.2"	6' 8.0"	7' 4.0"	8' 7.0"	11' 5.3"	22' 9.5"
6'	N	5' 7.5"	5' 5.8"	5' 3.6"	5' 0.7"	4' 9.1"	4' 4.8"	3' 11.9"	3' 6.6"
	F	6' 5.3"	6' 7.7"	6' 11.5"	7' 5.5"	8' 4.0"	10' 0.4"	14' 4.0"	40' 0.0"
7'	N	6' 5.7"	6' 3.4"	6' 0.4"	5' 8.6"	5' 3.9"	4' 10.4"	4' 4.2"	3' 9.7"
	F	7' 7.6"	7' 11.1"	8' 4.8"	9' 2.1"	10' 7.2"	13' 8.1"	23' 10.1"	INF
8'	N	7' 3.7"	7' 0.6"	6' 8.8"	6' 3.9"	5' 10.0"	5' 3.3"	4' 8.0"	4' 0.4"
	F	8' 10.3"	9' 3.3"	9' 11.4"	11' 1.2"	13' 3.9"	18' 9.6"	47' 6.7"	INF
10'	N	8' 10.8"	8' 6.2"	8' 0.4"	7' 5.3"	6' 9.0"	5' 11.8"	5' 2.2"	4' 4.7"
	F	11' 5.3"	12' 2.2"	13' 5.0"	15' 8.5"	20' 10.0"	39' 7.8"	INF	INF
12'	N	10' 5.0"	9' 10.5"	9' 2.6"	8' 5.1"	7' 6.4"	6' 6.9"	5' 7.2"	4' 8.1"
	F	14' 2.5"	15' 4.8"	17' 5.9"	21' 8.7"	33' 4.8"	153' 0.6"	INF	INF
15'	N	12' 6.6"	11' 9.1"	10' 9.8"	9' 8.6"	8' 6.3"	7' 3.5"	6' 1.1"	4' 11.8"
	F	18' 8.8"	20' 11.1"	25' 1.4"	35' 2.9"	84' 3.5"	INF	INF	INF
20'	N	14' 8.9"	13' 3.8"	11' 8.8"	10' 0.9"	8' 5.1"	6' 10.7"	5' 6.5"	4' 4.8"
	F	31' 7.1"	41' 10.0"	78' 1.8"	INF	INF	INF	INF	INF
30'	N	19' 4.4"	16' 11.1"	14' 4.8"	11' 11.1"	9' 7.7"	7' 7.8"	5' 11.8"	4' 7.8"
	F	68' 10.3"	152' 1.1"	INF	INF	INF	INF	INF	INF
60'	N	28' 2.8"	23' 2.8"	18' 7.6"	14' 7.4"	11' 3.3"	8' 7.1"	6' 6.2"	4' 11.3"
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	52' 0.6"	37' 0.2"	26' 4.6"	18' 10.4"	13' 6.7"	9' 9.6"	7' 1.7"	5' 3.1"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

35mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
82' 2.5"	58' 4.2"	41' 5.6"	29' 6.4"	21' 1.1"	15' 1.5"	10' 10.9"	7' 11.1"

U Feet		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
18"	N	1' 5.9"	1' 5.9"	1' 5.8"	1' 5.8"	1' 5.7"	1' 5.5"	1' 5.3"	1' 5.1"
	F	1' 6.1"	1' 6.1"	1' 6.2"	1' 6.3"	1' 6.4"	1' 6.5"	1' 6.8"	1' 7.1"
20"	N	1' 7.9"	1' 7.8"	1' 7.7"	1' 7.6"	1' 7.5"	1' 7.3"	1' 7.0"	1' 6.7"
	F	1' 8.1"	1' 8.2"	1' 8.3"	1' 8.4"	1' 8.5"	1' 8.8"	1' 9.1"	1' 9.7"
22"	N	1' 9.8"	1' 9.7"	1' 9.6"	1' 9.5"	1' 9.3"	1' 9.1"	1' 8.7"	1' 8.2"
	F	1' 10.2"	1' 10.3"	1' 10.4"	1' 10.5"	1' 10.8"	1' 11.1"	1' 11.6"	2' 0.4"
2'	N	1' 11.8"	1' 11.7"	1' 11.5"	1' 11.4"	1' 11.1"	1' 10.8"	1' 10.3"	1' 9.7"
	F	2' 0.2"	2' 0.3"	2' 0.5"	2' 0.7"	2' 1.0"	2' 1.5"	2' 2.2"	2' 3.3"
2' 3"	N	2' 2.7"	2' 2.5"	2' 2.3"	2' 2.1"	2' 1.7"	2' 1.2"	2' 0.6"	1' 11.8"
	F	2' 3.3"	2' 3.5"	2' 3.7"	2' 4.0"	2' 4.5"	2' 5.2"	2' 6.2"	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' 1.8"
	F	2' 6.5"	2' 6.7"	2' 7.0"	2' 7.4"	2' 8.0"	2' 9.0"	2' 10.5"	3' 0.9"
2' 9"	N	2' 8.4"	2' 8.2"	2' 7.8"	2' 7.4"	2' 6.8"	2' 6.0"	2' 5.0"	2' 3.7"
	F	2' 9.6"	2' 9.9"	2' 10.3"	2' 10.8"	2' 11.7"	3' 1.0"	3' 3.0"	3' 6.5"
3'	N	2' 11.3"	2' 11.0"	2' 10.6"	2' 10.0"	2' 9.3"	2' 8.3"	2' 7.0"	2' 5.4"
	F	3' 0.8"	3' 1.1"	3' 1.6"	3' 2.3"	3' 3.4"	3' 5.1"	3' 7.8"	4' 0.6"
3' 6"	N	3' 4.9"	3' 4.5"	3' 3.9"	3' 3.1"	3' 2.0"	3' 0.6"	2' 10.9"	2' 8.7"
	F	3' 7.2"	3' 7.7"	3' 8.4"	3' 9.5"	3' 11.2"	4' 1.9"	4' 6.4"	5' 2.8"
4'	N	3' 10.5"	3' 9.9"	3' 9.1"	3' 8.0"	3' 6.6"	3' 4.7"	3' 2.4"	2' 11.7"
	F	4' 1.6"	4' 2.4"	4' 3.4"	4' 5.0"	4' 7.5"	4' 11.6"	5' 6.6"	6' 8.7"
4' 6"	N	4' 4.0"	4' 3.2"	4' 2.2"	4' 0.7"	3' 10.9"	3' 8.6"	3' 5.7"	3' 2.4"
	F	4' 8.2"	4' 9.2"	4' 10.6"	5' 0.8"	5' 4.3"	5' 10.1"	6' 8.6"	8' 7.7"
5'	N	4' 9.4"	4' 8.5"	4' 7.1"	4' 5.4"	4' 3.1"	4' 0.2"	3' 8.8"	3' 4.9"
	F	5' 2.8"	5' 4.1"	5' 6.0"	5' 8.9"	6' 1.6"	6' 9.6"	8' 1.1"	11' 2.7"
5' 6"	N	5' 2.8"	5' 1.6"	5' 0.0"	4' 9.8"	4' 7.1"	4' 3.7"	3' 11.7"	3' 7.1"
	F	5' 9.6"	5' 11.2"	6' 1.6"	6' 5.4"	6' 11.5"	7' 10.4"	9' 8.5"	14' 10.3"
6'	N	5' 8.1"	5' 6.7"	5' 4.7"	5' 2.2"	4' 11.0"	4' 7.0"	4' 2.4"	3' 9.2"
	F	6' 4.4"	6' 6.4"	6' 9.4"	7' 2.2"	7' 10.1"	9' 0.6"	11' 7.9"	20' 4.4"
7'	N	6' 6.6"	6' 4.6"	6' 1.9"	5' 10.5"	5' 6.2"	5' 1.1"	4' 7.2"	4' 0.9"
	F	7' 6.3"	7' 9.2"	8' 1.7"	8' 9.0"	9' 9.5"	11' 10.1"	17' 0.6"	49' 0.4"
8'	N	7' 4.8"	7' 2.2"	6' 10.8"	6' 6.4"	6' 1.0"	5' 6.7"	4' 11.6"	4' 4.1"
	F	8' 8.6"	9' 0.6"	9' 7.0"	10' 5.5"	12' 0.5"	15' 5.1"	26' 1.7"	INF
10'	N	9' 0.6"	8' 8.6"	8' 3.3"	7' 8.9"	7' 1.1"	6' 4.3"	5' 6.9"	4' 9.3"
	F	11' 2.3"	11' 9.4"	12' 8.8"	14' 4.9"	17' 9.1"	26' 9.2"	103' 9.9"	INF
12'	N	10' 7.5"	10' 1.8"	9' 6.6"	8' 9.9"	7' 11.7"	7' 0.5"	6' 0.8"	5' 1.3"
	F	13' 9.7"	14' 8.9"	16' 3.8"	19' 3.1"	25' 11.8"	52' 7.1"	INF	INF
15'	N	12' 10.4"	12' 2.0"	11' 3.5"	10' 3.2"	9' 1.3"	7' 10.6"	6' 7.9"	5' 6.0"
	F	18' 0.4"	19' 8.5"	22' 8.5"	29' 0.4"	48' 5.4"	INF	INF	INF
20'	N	16' 3.7"	15' 2.0"	13' 9.6"	12' 3.2"	10' 7.4"	8' 11.5"	7' 4.5"	5' 11.5"
	F	25' 11.7"	29' 8.4"	37' 3.9"	59' 0.2"	INF	INF	INF	INF
30'	N	22' 3.1"	20' 1.5"	17' 9.0"	15' 2.8"	12' 8.7"	10' 4.4"	8' 3.2"	6' 5.9"
	F	46' 5.2"	60' 3.3"	104' 10.6"	INF	INF	INF	INF	INF
60'	N	35' 0.2"	29' 11.1"	24' 10.2"	20' 1.1"	15' 10.4"	12' 3.5"	9' 4.8"	7' 1.5"
	F	218' 7.4"	INF	INF	INF	INF	INF	INF	INF
INF	N	82' 1.3"	58' 3.2"	41' 4.9"	29' 5.9"	21' 0.7"	15' 1.2"	10' 10.6"	7' 10.8"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

40mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
104' 3.0"	73' 11.2"	52' 5.8"	37' 3.8"	26' 7.2"	19' 0.2"	13' 7.9"	9' 10.4"

U Feet		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
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"
	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"
20"	N	1' 7.9"	1' 7.9"	1' 7.8"	1' 7.7"	1' 7.6"	1' 7.4"	1' 7.2"	1' 6.9"
	F	1' 8.1"	1' 8.1"	1' 8.2"	1' 8.3"	1' 8.4"	1' 8.6"	1' 8.9"	1' 9.3"
22"	N	1' 9.9"	1' 9.8"	1' 9.7"	1' 9.6"	1' 9.5"	1' 9.2"	1' 9.0"	1' 8.6"
	F	1' 10.1"	1' 10.2"	1' 10.3"	1' 10.4"	1' 10.6"	1' 10.9"	1' 11.2"	1' 11.8"
2'	N	1' 11.8"	1' 11.7"	1' 11.6"	1' 11.5"	1' 11.3"	1' 11.0"	1' 10.6"	1' 10.1"
	F	2' 0.2"	2' 0.3"	2' 0.4"	2' 0.6"	2' 0.8"	2' 1.1"	2' 1.7"	2' 2.5"
2' 3"	N	2' 2.7"	2' 2.6"	2' 2.5"	2' 2.3"	2' 2.0"	2' 1.6"	2' 1.1"	2' 0.4"
	F	2' 3.3"	2' 3.4"	2' 3.6"	2' 3.8"	2' 4.1"	2' 4.7"	2' 5.4"	2' 6.6"
2' 6"	N	2' 5.6"	2' 5.5"	2' 5.3"	2' 5.0"	2' 4.6"	2' 4.1"	2' 3.4"	2' 2.5"
	F	2' 6.4"	2' 6.5"	2' 6.8"	2' 7.1"	2' 7.6"	2' 8.3"	2' 9.4"	2' 11.1"
2' 9"	N	2' 8.5"	2' 8.3"	2' 8.1"	2' 7.7"	2' 7.2"	2' 6.6"	2' 5.7"	2' 4.6"
	F	2' 9.5"	2' 9.7"	2' 10.0"	2' 10.4"	2' 11.1"	3' 0.0"	3' 1.5"	3' 3.9"
3'	N	2' 11.4"	2' 11.2"	2' 10.8"	2' 10.4"	2' 9.8"	2' 9.0"	2' 7.9"	2' 6.5"
	F	3' 0.6"	3' 0.9"	3' 1.3"	3' 1.8"	3' 2.6"	3' 3.9"	3' 5.8"	3' 9.0"
3' 6"	N	3' 5.1"	3' 4.8"	3' 4.3"	3' 3.6"	3' 2.8"	3' 1.6"	3' 0.1"	2' 10.2"
	F	3' 6.9"	3' 7.3"	3' 7.9"	3' 8.7"	3' 10.0"	4' 0.0"	4' 3.1"	4' 8.5"
4'	N	3' 10.8"	3' 10.3"	3' 9.7"	3' 8.8"	3' 7.6"	3' 6.0"	3' 4.0"	3' 1.6"
	F	4' 1.3"	4' 1.8"	4' 2.7"	4' 3.9"	4' 5.7"	4' 8.6"	5' 1.3"	5' 9.9"
4' 6"	N	4' 4.4"	4' 3.8"	4' 2.9"	4' 1.8"	4' 0.2"	3' 10.2"	3' 7.7"	3' 4.7"
	F	4' 7.7"	4' 8.5"	4' 9.6"	4' 11.2"	5' 1.7"	5' 5.8"	6' 0.6"	7' 1.7"
5'	N	4' 10.0"	4' 9.2"	4' 8.1"	4' 6.6"	4' 4.7"	4' 2.3"	3' 11.2"	3' 7.6"
	F	5' 2.2"	5' 3.2"	5' 4.6"	5' 6.8"	5' 10.2"	6' 3.6"	7' 1.3"	8' 8.9"
5' 6"	N	5' 3.5"	5' 2.5"	5' 1.2"	4' 11.4"	4' 9.1"	4' 6.1"	4' 2.5"	3' 10.3"
	F	5' 8.8"	5' 10.0"	5' 11.8"	6' 2.6"	6' 7.0"	7' 2.2"	8' 3.5"	10' 8.4"
6'	N	5' 8.9"	5' 7.7"	5' 6.1"	5' 4.0"	5' 1.3"	4' 9.8"	4' 5.6"	4' 0.8"
	F	6' 3.4"	6' 4.9"	6' 7.2"	6' 10.7"	7' 4.2"	8' 1.6"	9' 7.5"	13' 1.9"
7'	N	6' 7.7"	6' 6.0"	6' 3.8"	6' 1.0"	5' 9.3"	5' 4.7"	4' 11.3"	4' 5.3"
	F	7' 4.9"	7' 7.1"	7' 10.4"	8' 3.6"	9' 0.1"	10' 3.3"	12' 10.8"	20' 7.7"
8'	N	7' 6.3"	7' 4.1"	7' 1.2"	6' 9.5"	6' 4.8"	5' 11.1"	5' 4.5"	4' 9.2"
	F	8' 6.6"	8' 9.6"	9' 2.3"	9' 9.7"	10' 10.2"	12' 9.6"	17' 4.0"	36' 0.6"
10'	N	9' 2.8"	8' 11.5"	8' 7.1"	8' 1.4"	7' 6.6"	6' 10.5"	6' 1.4"	5' 3.8"
	F	10' 11.0"	11' 4.2"	12' 0.3"	13' 1.8"	15' 2.2"	19' 6.5"	33' 5.3"	INF
12'	N	10' 10.7"	10' 5.9"	9' 11.8"	9' 4.1"	8' 6.9"	7' 8.3"	6' 8.9"	5' 9.1"
	F	13' 4.6"	14' 0.7"	15' 1.7"	17' 0.3"	20' 8.6"	30' 1.3"	88' 1.8"	INF
15'	N	13' 3.2"	12' 8.0"	11' 10.9"	10' 11.8"	9' 11.0"	8' 8.8"	7' 6.0"	6' 3.4"
	F	17' 3.5"	18' 5.6"	20' 5.4"	24' 1.7"	32' 7.1"	65' 8.4"	INF	INF
20'	N	16' 11.6"	15' 11.7"	14' 9.1"	13' 4.1"	11' 9.1"	10' 1.1"	8' 5.4"	6' 10.9"
	F	24' 5.0"	26' 10.8"	31' 5.5"	41' 5.9"	76' 5.1"	INF	INF	INF
30'	N	23' 6.4"	21' 7.5"	19' 4.9"	16' 11.6"	14' 5.3"	11' 11.5"	9' 8.1"	7' 8.0"
	F	41' 6.8"	49' 6.7"	68' 2.8"	147' 7.6"	INF	INF	INF	INF
60'	N	38' 4.7"	33' 5.3"	28' 3.8"	23' 3.8"	18' 8.4"	14' 8.1"	11' 3.7"	8' 7.4"
	F	139' 8.4"	314' 3.3"	INF	INF	INF	INF	INF	INF
INF	N	104' 0.3"	73' 9.1"	52' 4.3"	37' 2.7"	26' 6.3"	18' 11.5"	13' 7.3"	9' 9.9"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

15mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
5.791	4.162	3.009	2.194	1.617	1.210	0.922	0.718

U Metres		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.45	N	0.441	0.438	0.433	0.427	0.418	0.407	0.394	0.379
	F	0.460	0.464	0.470	0.480	0.494	0.519	0.561	0.648
0.50	N	0.487	0.482	4.749	0.466	0.454	0.439	0.421	0.400
	F	0.515	0.521	0.531	0.546	0.569	0.610	0.686	0.865
0.55	N	0.532	0.525	0.516	0.503	0.488	0.468	0.445	0.420
	F	0.571	0.580	0.594	0.616	0.651	0.714	0.844	1.216
0.60	N	0.576	0.567	0.555	0.539	0.520	0.495	0.468	0.437
	F	0.628	0.640	0.659	0.690	0.741	0.837	1.053	1.885
0.70	N	0.662	0.648	0.630	0.607	0.578	0.544	0.506	0.465
	F	0.745	0.766	0.799	0.853	0.951	1.154	1.762	21.300
0.80	N	0.746	0.726	0.701	0.669	0.631	0.587	0.539	0.489
	F	0.867	0.899	0.952	1.041	1.212	1.628	3.703	INF
0.90	N	0.826	0.801	0.767	0.727	0.678	0.624	0.566	0.508
	F	0.994	1.041	1.118	1.257	1.546	2.414	31.172	INF
1.00	N	0.905	0.872	0.830	0.780	0.722	0.657	0.590	0.525
	F	1.126	1.192	1.302	1.509	1.989	3.970	INF	INF
1.10	N	0.981	0.940	0.890	0.830	0.761	0.687	0.611	0.539
	F	1.264	1.352	1.505	1.808	2.606	8.519	INF	INF
1.20	N	1.054	1.006	0.946	0.876	0.797	0.714	0.630	0.551
	F	1.408	1.523	1.730	2.167	3.521	INF	INF	INF
1.40	N	1.195	1.129	1.050	0.960	0.861	0.759	0.661	0.571
	F	1.716	1.903	2.264	3.158	7.934	INF	INF	INF
1.60	N	1.327	1.243	1.144	1.033	0.916	0.798	0.686	0.587
	F	2.053	2.342	2.950	4.819	INF	INF	INF	INF
1.80	N	1.452	1.349	1.230	1.099	0.963	0.830	0.707	0.599
	F	2.423	2.854	3.864	8.182	INF	INF	INF	INF
2.00	N	1.570	1.448	1.308	1.158	1.004	0.857	0.724	0.610
	F	2.833	3.462	5.139	18.602	INF	INF	INF	INF
2.50	N	1.840	1.666	1.476	1.280	1.088	0.912	0.758	0.629
	F	4.074	5.621	12.724	INF	INF	INF	INF	INF
3.00	N	2.077	1.852	1.614	1.376	1.152	0.951	0.781	0.643
	F	5.759	9.634	INF	INF	INF	INF	INF	INF
4.00	N	2.475	2.153	1.828	1.519	1.242	1.006	0.813	0.660
	F	11.939	INF	INF	INF	INF	INF	INF	INF
5.00	N	2.796	2.384	1.984	1.620	1.303	1.042	0.833	0.671
	F	33.596	INF	INF	INF	INF	INF	INF	INF
7.00	N	3.283	2.717	2.200	1.752	1.381	1.085	0.857	0.684
	F	INF	INF	INF	INF	INF	INF	INF	INF
10.00	N	3.776	3.035	2.395	1.866	1.445	1.120	0.876	0.694
	F	INF	INF	INF	INF	INF	INF	INF	INF
20.00	N	4.577	3.514	2.670	2.019	1.528	1.164	0.899	0.706
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	5.807	4.172	3.016	2.198	1.620	1.212	0.923	0.718
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

18mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
7.828	5.602	4.027	2.913	2.126	1.570	1.176	0.898

U Metres		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.45	N	0.443	0.441	0.437	0.432	0.426	0.417	0.406	0.393
	F	0.457	0.460	0.464	0.471	0.481	0.496	0.522	0.567
0.50	N	0.490	0.486	4.811	0.474	0.465	0.453	0.437	0.419
	F	0.511	0.515	0.522	0.532	0.548	0.573	0.615	0.697
0.55	N	0.536	0.531	0.524	0.514	0.502	0.486	0.466	0.443
	F	0.565	0.571	0.581	0.596	0.619	0.656	0.724	0.865
0.60	N	0.582	0.575	0.566	0.553	0.537	0.517	0.493	0.464
	F	0.620	0.629	0.642	0.662	0.694	0.748	0.851	1.092
0.70	N	0.672	0.661	0.647	0.628	0.604	0.575	0.540	0.502
	F	0.732	0.747	0.769	0.804	0.861	0.965	1.188	1.900
0.80	N	0.759	0.744	0.724	0.698	0.665	0.626	0.582	0.533
	F	0.848	0.870	0.904	0.959	1.054	1.239	1.707	4.493
0.90	N	0.844	0.824	0.797	0.763	0.722	0.673	0.618	0.560
	F	0.967	0.998	1.048	1.129	1.278	1.595	2.612	INF
1.00	N	0.928	0.902	0.868	0.825	0.774	0.715	0.650	0.583
	F	1.089	1.132	1.201	1.318	1.541	2.077	4.589	INF
1.10	N	1.009	0.977	0.935	0.884	0.823	0.753	0.679	0.603
	F	1.215	1.272	1.364	1.527	1.857	2.769	12.306	INF
1.20	N	1.088	1.049	1.000	0.939	0.868	0.788	0.704	0.621
	F	1.345	1.418	1.540	1.761	2.242	3.841	INF	INF
1.40	N	1.242	1.188	1.121	1.041	0.949	0.850	0.748	0.651
	F	1.616	1.731	1.930	2.322	3.331	9.942	INF	INF
1.60	N	1.388	1.319	1.233	1.133	1.021	0.903	0.785	0.675
	F	1.905	2.076	2.385	3.054	5.259	INF	INF	INF
1.80	N	1.529	1.442	1.337	1.216	1.084	0.948	0.816	0.694
	F	2.214	2.457	2.922	4.051	9.599	INF	INF	INF
2.00	N	1.663	1.558	1.433	1.292	1.141	0.988	0.842	0.711
	F	2.543	2.880	3.565	5.488	28.453	INF	INF	INF
2.50	N	1.975	1.822	1.647	1.455	1.259	1.068	0.894	0.742
	F	3.475	4.177	5.914	15.250	INF	INF	INF	INF
3.00	N	2.257	2.054	1.827	1.589	1.351	1.129	0.931	0.765
	F	4.600	5.974	10.561	INF	INF	INF	INF	INF
4.00	N	2.746	2.441	2.117	1.793	1.488	1.215	0.983	0.794
	F	7.733	12.943	INF	INF	INF	INF	INF	INF
5.00	N	3.157	2.752	2.340	1.943	1.583	1.272	1.016	0.813
	F	13.084	43.261	INF	INF	INF	INF	INF	INF
7.00	N	3.806	3.221	2.659	2.148	1.708	1.345	1.057	0.835
	F	62.684	INF	INF	INF	INF	INF	INF	INF
10.00	N	4.501	3.693	2.961	2.332	1.815	1.406	1.090	0.853
	F	INF	INF	INF	INF	INF	INF	INF	INF
20.00	N	5.717	4.452	3.413	2.591	1.959	1.483	1.131	0.874
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	7.832	5.604	4.028	2.914	2.126	1.569	1.175	0.897
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

21mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
10.27	7.33	5.25	3.78	2.74	2.00	1.48	1.11

U Metres		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.45	N	0.445	0.443	0.440	0.436	0.431	0.424	0.415	0.404
	F	0.455	0.458	0.461	0.466	0.473	0.483	0.500	0.528
0.50	N	0.493	0.490	4.855	0.480	0.472	0.463	0.450	0.434
	F	0.508	0.511	0.516	0.524	0.535	0.551	0.579	0.627
0.55	N	0.540	0.536	0.530	0.522	0.512	0.499	0.482	0.462
	F	0.561	0.566	0.573	0.583	0.599	0.624	0.666	0.742
0.60	N	0.586	0.581	0.574	0.564	0.551	0.534	0.513	0.487
	F	0.615	0.621	0.631	0.645	0.667	0.702	0.763	0.881
0.70	N	0.678	0.670	0.658	0.643	0.624	0.599	0.568	0.533
	F	0.724	0.734	0.750	0.774	0.812	0.876	0.994	1.259
0.80	N	0.769	0.757	0.740	0.719	0.692	0.658	0.618	0.572
	F	0.835	0.851	0.875	0.912	0.973	1.079	1.294	1.883
0.90	N	0.857	0.841	0.819	0.791	0.756	0.713	0.663	0.607
	F	0.949	0.972	1.006	1.060	1.151	1.319	1.697	3.103
1.00	N	0.944	0.923	0.896	0.860	0.816	0.763	0.703	0.637
	F	1.065	1.096	1.143	1.218	1.349	1.607	2.270	6.563
1.10	N	1.029	1.003	0.969	0.926	0.873	0.810	0.739	0.664
	F	1.184	1.224	1.286	1.388	1.572	1.959	3.145	INF
1.20	N	1.113	1.082	1.041	0.989	0.926	0.853	0.772	0.688
	F	1.305	1.356	1.436	1.572	1.824	2.399	4.652	INF
1.40	N	1.276	1.233	1.176	1.107	1.024	0.931	0.830	0.729
	F	1.556	1.634	1.761	1.984	2.440	3.721	19.339	INF
1.60	N	1.434	1.376	1.304	1.215	1.112	0.999	0.880	0.763
	F	1.819	1.931	2.120	2.473	3.274	6.368	INF	INF
1.80	N	1.586	1.513	1.423	1.315	1.192	1.058	0.922	0.791
	F	2.094	2.250	2.522	3.060	4.463	14.345	INF	INF
2.00	N	1.733	1.644	1.536	1.407	1.264	1.111	0.959	0.815
	F	2.382	2.593	2.973	3.779	6.300	INF	INF	INF
2.50	N	2.079	1.948	1.790	1.611	1.418	1.221	1.033	0.862
	F	3.167	3.573	4.386	6.562	24.514	INF	INF	INF
3.00	N	2.399	2.220	2.012	1.782	1.542	1.307	1.088	0.896
	F	4.060	4.780	6.428	12.919	INF	INF	INF	INF
4.00	N	2.969	2.690	2.380	2.055	1.733	1.432	1.166	0.943
	F	6.271	8.278	15.396	INF	INF	INF	INF	INF
5.00	N	3.462	3.081	2.673	2.262	1.871	1.519	1.219	0.973
	F	9.320	14.767	INF	INF	INF	INF	INF	INF
7.00	N	4.273	3.694	3.111	2.556	2.058	1.632	1.284	1.009
	F	20.978	INF	INF	INF	INF	INF	INF	INF
10.00	N	5.182	4.342	3.545	2.832	2.224	1.728	1.338	1.039
	F	INF	INF	INF	INF	INF	INF	INF	INF
20.00	N	6.894	5.458	4.235	3.240	2.456	1.856	1.406	1.075
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	10.293	7.343	5.258	3.783	2.741	2.003	1.482	1.113
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

25mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
13.811	9.833	7.017	5.028	3.621	2.626	1.922	1.425

U Metres		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.45	N	0.446	0.445	0.443	0.440	0.436	0.430	0.423	0.414
	F	0.454	0.455	0.458	0.461	0.466	0.474	0.485	0.503
0.50	N	0.494	0.492	4.891	0.485	0.479	0.471	0.461	0.448
	F	0.506	0.508	0.512	0.517	0.525	0.536	0.554	0.583
0.55	N	0.542	0.539	0.535	0.529	0.521	0.511	0.497	0.480
	F	0.558	0.562	0.567	0.574	0.585	0.602	0.628	0.673
0.60	N	0.590	0.586	0.580	0.572	0.562	0.549	0.531	0.510
	F	0.611	0.615	0.622	0.632	0.647	0.670	0.708	0.773
0.70	N	0.684	0.677	0.669	0.657	0.641	0.621	0.595	0.564
	F	0.717	0.725	0.736	0.753	0.778	0.818	0.887	1.015
0.80	N	0.776	0.767	0.755	0.738	0.716	0.688	0.653	0.612
	F	0.826	0.837	0.854	0.879	0.918	0.983	1.097	1.334
0.90	N	0.868	0.855	0.839	0.816	0.787	0.751	0.707	0.656
	F	0.936	0.951	0.975	1.011	1.069	1.166	1.349	1.775
1.00	N	0.958	0.942	0.920	0.892	0.855	0.810	0.756	0.695
	F	1.047	1.068	1.100	1.150	1.230	1.371	1.655	2.422
1.10	N	1.047	1.027	1.000	0.965	0.920	0.865	0.801	0.730
	F	1.160	1.188	1.230	1.296	1.405	1.604	2.035	3.465
1.20	N	1.134	1.110	1.077	1.035	0.982	0.917	0.843	0.762
	F	1.276	1.311	1.364	1.449	1.594	1.869	2.520	5.431
1.40	N	1.306	1.272	1.226	1.169	1.097	1.013	0.918	0.817
	F	1.511	1.564	1.646	1.781	2.023	2.528	4.043	54.111
1.60	N	1.473	1.428	1.368	1.293	1.203	1.099	0.984	0.865
	F	1.755	1.830	1.949	2.152	2.536	3.442	7.436	INF
1.80	N	1.636	1.578	1.503	1.411	1.300	1.175	1.041	0.905
	F	2.007	2.109	2.276	2.568	3.161	4.796	21.617	INF
2.00	N	1.795	1.723	1.632	1.521	1.390	1.245	1.092	0.940
	F	2.267	2.402	2.628	3.040	3.940	7.006	INF	INF
2.50	N	2.174	2.065	1.929	1.769	1.587	1.393	1.197	1.010
	F	2.957	3.205	3.643	4.542	7.091	41.800	INF	INF
3.00	N	2.530	2.379	2.196	1.984	1.752	1.512	1.278	1.062
	F	3.711	4.124	4.911	6.778	15.236	INF	INF	INF
4.00	N	3.180	2.936	2.653	2.340	2.014	1.693	1.396	1.136
	F	5.448	6.434	8.695	17.680	INF	INF	INF	INF
5.00	N	3.760	3.417	3.031	2.622	2.212	1.824	1.478	1.184
	F	7.577	9.692	16.185	INF	INF	INF	INF	INF
7.00	N	4.750	4.202	3.621	3.039	2.490	2.000	1.584	1.245
	F	13.695	23.023	INF	INF	INF	INF	INF	INF
10.00	N	5.917	5.077	4.240	3.452	2.750	2.156	1.674	1.295
	F	34.747	INF	INF	INF	INF	INF	INF	INF
20.00	N	8.295	6.706	5.294	4.099	3.131	2.371	1.792	1.358
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	13.865	9.869	7.043	5.045	3.632	2.633	1.927	1.428
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

27mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
15.84	11.27	8.03	5.74	4.13	2.98	2.18	1.60

U Metres		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.45	N	0.447	0.445	0.444	0.441	0.437	0.433	0.426	0.418
	F	0.453	0.455	0.457	0.460	0.464	0.470	0.480	0.495
0.50	N	0.495	0.493	4.905	0.487	0.482	0.475	0.465	0.453
	F	0.505	0.507	0.510	0.515	0.521	0.531	0.546	0.570
0.55	N	0.543	0.541	0.537	0.532	0.525	0.515	0.503	0.487
	F	0.557	0.560	0.564	0.571	0.580	0.594	0.616	0.652
0.60	N	0.591	0.587	0.583	0.576	0.567	0.554	0.539	0.519
	F	0.609	0.613	0.619	0.628	0.640	0.660	0.691	0.742
0.70	N	0.686	0.680	0.672	0.662	0.648	0.629	0.606	0.577
	F	0.715	0.722	0.731	0.745	0.767	0.800	0.855	0.953
0.80	N	0.779	0.771	0.760	0.745	0.725	0.700	0.668	0.629
	F	0.822	0.832	0.846	0.868	0.900	0.953	1.043	1.216
0.90	N	0.872	0.861	0.846	0.826	0.800	0.766	0.725	0.677
	F	0.931	0.944	0.964	0.995	1.042	1.121	1.261	1.554
1.00	N	0.963	0.949	0.929	0.904	0.871	0.829	0.778	0.719
	F	1.041	1.059	1.086	1.128	1.194	1.305	1.515	2.003
1.10	N	1.053	1.035	1.011	0.980	0.939	0.888	0.828	0.758
	F	1.152	1.176	1.211	1.266	1.355	1.509	1.817	2.631
1.20	N	1.142	1.120	1.091	1.053	1.004	0.944	0.873	0.794
	F	1.265	1.295	1.340	1.410	1.527	1.736	2.181	3.570
1.40	N	1.317	1.286	1.246	1.193	1.127	1.048	0.957	0.857
	F	1.496	1.541	1.609	1.719	1.909	2.276	3.189	8.206
1.60	N	1.488	1.447	1.393	1.325	1.241	1.141	1.030	0.911
	F	1.733	1.796	1.895	2.058	2.351	2.971	4.896	INF
1.80	N	1.655	1.603	1.535	1.449	1.346	1.226	1.095	0.958
	F	1.977	2.063	2.199	2.431	2.869	3.900	8.415	INF
2.00	N	1.818	1.754	1.670	1.567	1.444	1.304	1.153	0.999
	F	2.228	2.341	2.524	2.843	3.484	5.207	19.895	INF
2.50	N	2.210	2.111	1.986	1.835	1.661	1.470	1.273	1.082
	F	2.889	3.091	3.437	4.097	5.682	13.169	INF	INF
3.00	N	2.581	2.442	2.271	2.071	1.846	1.607	1.369	1.144
	F	3.600	3.932	4.531	5.806	9.820	INF	INF	INF
4.00	N	3.265	3.038	2.769	2.466	2.143	1.818	1.510	1.233
	F	5.204	5.961	7.532	12.150	INF	INF	INF	INF
5.00	N	3.882	3.558	3.187	2.785	2.372	1.973	1.609	1.293
	F	7.102	8.635	12.505	35.359	INF	INF	INF	INF
7.00	N	4.950	4.424	3.853	3.267	2.701	2.185	1.739	1.369
	F	12.183	17.728	51.037	INF	INF	INF	INF	INF
10.00	N	6.238	5.411	4.567	3.754	3.015	2.377	1.850	1.432
	F	26.302	84.495	INF	INF	INF	INF	INF	INF
20.00	N	8.956	7.315	5.826	4.543	3.486	2.647	2.000	1.513
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	15.865	11.283	8.043	5.752	4.132	2.986	2.176	1.603
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

32mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
21.25	15.09	10.74	7.66	5.48	3.94	2.85	2.08

U Metres		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.45	N	0.448	0.447	0.445	0.443	0.441	0.437	0.432	0.425
	F	0.452	0.454	0.455	0.457	0.460	0.465	0.472	0.482
0.50	N	0.496	0.495	4.928	0.490	0.486	0.481	0.473	0.464
	F	0.504	0.505	0.508	0.511	0.516	0.522	0.533	0.549
0.55	N	0.545	0.543	0.540	0.536	0.531	0.523	0.513	0.501
	F	0.555	0.557	0.561	0.565	0.572	0.582	0.597	0.620
0.60	N	0.593	0.591	0.587	0.582	0.575	0.565	0.552	0.536
	F	0.607	0.610	0.614	0.620	0.629	0.643	0.664	0.697
0.70	N	0.689	0.685	0.679	0.671	0.660	0.645	0.626	0.602
	F	0.711	0.716	0.723	0.733	0.748	0.771	0.807	0.866
0.80	N	0.784	0.778	0.770	0.758	0.742	0.722	0.695	0.662
	F	0.816	0.823	0.834	0.849	0.872	0.907	0.964	1.062
0.90	N	0.879	0.870	0.859	0.843	0.822	0.795	0.760	0.718
	F	0.923	0.933	0.947	0.968	1.001	1.052	1.137	1.291
1.00	N	0.972	0.961	0.946	0.926	0.899	0.865	0.822	0.769
	F	1.030	1.043	1.062	1.091	1.136	1.207	1.328	1.562
1.10	N	1.065	1.051	1.032	1.007	0.974	0.932	0.879	0.817
	F	1.138	1.155	1.180	1.218	1.277	1.373	1.542	1.889
1.20	N	1.156	1.139	1.116	1.086	1.046	0.995	0.934	0.861
	F	1.248	1.269	1.301	1.349	1.424	1.551	1.782	2.291
1.40	N	1.337	1.313	1.281	1.238	1.184	1.115	1.034	0.941
	F	1.470	1.502	1.549	1.623	1.742	1.949	2.361	3.449
1.60	N	1.515	1.483	1.440	1.384	1.313	1.226	1.124	1.011
	F	1.697	1.741	1.809	1.915	2.092	2.415	3.126	5.576
1.80	N	1.689	1.648	1.593	1.523	1.434	1.328	1.206	1.073
	F	1.928	1.988	2.080	2.227	2.480	2.969	4.183	10.761
2.00	N	1.861	1.809	1.742	1.656	1.549	1.423	1.280	1.128
	F	2.165	2.242	2.363	2.561	2.912	3.638	5.740	INF
2.50	N	2.277	2.196	2.093	1.964	1.809	1.632	1.440	1.243
	F	2.778	2.914	3.132	3.510	4.250	6.126	17.503	INF
3.00	N	2.675	2.561	2.418	2.242	2.037	1.809	1.569	1.332
	F	3.424	3.640	4.001	4.664	6.129	11.283	INF	INF
4.00	N	3.423	3.233	2.999	2.724	2.417	2.092	1.768	1.464
	F	4.830	5.292	6.127	7.923	13.726	INF	INF	INF
5.00	N	4.113	3.835	3.504	3.127	2.721	2.308	1.913	1.555
	F	6.410	7.271	8.998	13.649	53.767	INF	INF	INF
7.00	N	5.344	4.873	4.338	3.762	3.177	2.617	2.110	1.675
	F	10.236	12.703	19.377	78.713	INF	INF	INF	INF
10.00	N	6.890	6.114	5.281	4.438	3.633	2.908	2.287	1.778
	F	18.537	28.907	144.125	INF	INF	INF	INF	INF
20.00	N	10.401	8.696	7.074	5.613	4.364	3.342	2.534	1.914
	F	345.356	NF	NF	NF	NF	NF	NF	NF
INF	N	21.196	15.052	10.707	7.635	5.463	3.926	2.840	2.072
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

35mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
25.056	17.784	12.638	9.001	6.429	4.611	3.325	2.416

U Metres		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.45	N	0.448	0.447	0.446	0.444	0.442	0.439	0.434	0.429
	F	0.452	0.453	0.454	0.456	0.459	0.462	0.468	0.476
0.50	N	0.497	0.496	4.939	0.491	0.488	0.483	0.477	0.469
	F	0.503	0.504	0.506	0.509	0.513	0.519	0.527	0.540
0.55	N	0.546	0.544	0.542	0.538	0.534	0.527	0.519	0.507
	F	0.554	0.556	0.559	0.563	0.568	0.576	0.589	0.608
0.60	N	0.594	0.592	0.589	0.584	0.578	0.570	0.559	0.544
	F	0.606	0.608	0.612	0.617	0.625	0.636	0.652	0.679
0.70	N	0.691	0.687	0.682	0.675	0.666	0.653	0.636	0.614
	F	0.709	0.713	0.719	0.728	0.740	0.759	0.787	0.833
0.80	N	0.787	0.782	0.774	0.764	0.751	0.733	0.709	0.679
	F	0.814	0.820	0.828	0.841	0.859	0.888	0.932	1.007
0.90	N	0.882	0.875	0.865	0.851	0.833	0.809	0.778	0.739
	F	0.919	0.927	0.939	0.957	0.983	1.024	1.090	1.203
1.00	N	0.976	0.967	0.954	0.936	0.913	0.882	0.844	0.796
	F	1.025	1.036	1.052	1.076	1.112	1.168	1.261	1.427
1.10	N	1.070	1.058	1.042	1.020	0.991	0.953	0.906	0.848
	F	1.132	1.146	1.167	1.198	1.245	1.320	1.447	1.685
1.20	N	1.163	1.148	1.128	1.102	1.067	1.021	0.965	0.897
	F	1.240	1.258	1.284	1.323	1.383	1.481	1.650	1.986
1.40	N	1.347	1.326	1.298	1.260	1.212	1.150	1.075	0.987
	F	1.459	1.485	1.524	1.583	1.676	1.833	2.121	2.764
1.60	N	1.527	1.499	1.462	1.413	1.349	1.270	1.175	1.067
	F	1.681	1.718	1.772	1.857	1.994	2.231	2.701	3.921
1.80	N	1.706	1.670	1.622	1.559	1.479	1.382	1.267	1.138
	F	1.907	1.956	2.030	2.146	2.339	2.686	3.432	5.827
2.00	N	1.881	1.836	1.777	1.700	1.603	1.486	1.351	1.202
	F	2.137	2.201	2.298	2.452	2.715	3.211	4.384	9.551
2.50	N	2.308	2.238	2.146	2.030	1.887	1.720	1.534	1.337
	F	2.730	2.840	3.013	3.299	3.822	4.959	8.777	INF
3.00	N	2.720	2.620	2.491	2.331	2.140	1.921	1.686	1.445
	F	3.350	3.523	3.802	4.287	5.252	7.790	26.584	INF
4.00	N	3.500	3.330	3.117	2.862	2.569	2.250	1.923	1.607
	F	4.679	5.037	5.654	6.857	9.880	27.331	INF	INF
5.00	N	4.228	3.977	3.671	3.314	2.919	2.507	2.100	1.722
	F	6.140	6.788	7.993	10.712	20.984	INF	INF	INF
7.00	N	5.545	5.110	4.604	4.044	3.459	2.882	2.347	1.875
	F	9.547	11.266	15.159	29.996	INF	INF	INF	INF
10.00	N	7.235	6.499	5.688	4.844	4.014	3.247	2.573	2.009
	F	16.359	22.306	46.332	INF	INF	INF	INF	INF
20.00	N	11.225	9.517	7.843	6.296	4.940	3.808	2.898	2.191
	F	97.636	INF	INF	INF	INF	INF	INF	INF
INF	N	25.027	17.760	12.622	8.988	6.419	4.602	3.317	2.409
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke CXX zoom

40mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
31.775	22.535	15.996	11.375	8.107	5.796	4.163	3.007

U Metres		Apertures							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.45	N	0.448	0.448	0.447	0.445	0.444	0.441	0.438	0.433
	F	0.452	0.452	0.453	0.455	0.457	0.460	0.464	0.470
0.50	N	0.498	0.497	4.952	0.493	0.491	0.487	0.482	0.475
	F	0.502	0.504	0.505	0.507	0.510	0.515	0.521	0.531
0.55	N	0.547	0.545	0.543	0.541	0.537	0.532	0.525	0.515
	F	0.553	0.555	0.557	0.560	0.564	0.571	0.580	0.594
0.60	N	0.596	0.594	0.591	0.588	0.583	0.576	0.567	0.555
	F	0.605	0.607	0.609	0.613	0.619	0.628	0.640	0.659
0.70	N	0.693	0.690	0.686	0.680	0.673	0.662	0.648	0.630
	F	0.707	0.711	0.715	0.721	0.731	0.745	0.766	0.799
0.80	N	0.790	0.785	0.779	0.771	0.760	0.745	0.726	0.700
	F	0.811	0.815	0.822	0.832	0.846	0.867	0.899	0.951
0.90	N	0.886	0.880	0.872	0.861	0.846	0.826	0.800	0.767
	F	0.915	0.921	0.931	0.944	0.964	0.994	1.041	1.118
1.00	N	0.981	0.974	0.963	0.949	0.930	0.904	0.871	0.829
	F	1.020	1.028	1.040	1.059	1.085	1.126	1.191	1.301
1.10	N	1.076	1.067	1.054	1.036	1.012	0.980	0.939	0.889
	F	1.125	1.136	1.152	1.175	1.210	1.264	1.352	1.504
1.20	N	1.170	1.159	1.143	1.121	1.092	1.053	1.005	0.945
	F	1.231	1.245	1.265	1.294	1.339	1.408	1.523	1.728
1.40	N	1.357	1.341	1.318	1.287	1.246	1.194	1.128	1.049
	F	1.446	1.466	1.495	1.539	1.607	1.716	1.902	2.261
1.60	N	1.542	1.520	1.489	1.448	1.394	1.326	1.242	1.142
	F	1.663	1.691	1.732	1.795	1.892	2.053	2.341	2.945
1.80	N	1.725	1.695	1.656	1.604	1.536	1.451	1.347	1.227
	F	1.883	1.920	1.976	2.061	2.196	2.424	2.853	3.854
2.00	N	1.905	1.868	1.819	1.755	1.672	1.569	1.445	1.305
	F	2.106	2.154	2.226	2.338	2.519	2.833	3.461	5.122
2.50	N	2.346	2.288	2.212	2.113	1.988	1.837	1.663	1.472
	F	2.678	2.760	2.885	3.086	3.427	4.075	5.617	12.616
3.00	N	2.775	2.692	2.583	2.445	2.274	2.074	1.849	1.609
	F	3.269	3.396	3.595	3.923	4.513	5.761	9.621	INF
4.00	N	3.595	3.452	3.268	3.042	2.773	2.471	2.147	1.821
	F	4.515	4.772	5.192	5.939	7.481	11.947	INF	INF
5.00	N	4.370	4.155	3.887	3.564	3.194	2.791	2.377	1.977
	F	5.855	6.305	7.081	8.589	12.360	33.656	INF	INF
7.00	N	5.799	5.417	4.959	4.433	3.862	3.275	2.708	2.190
	F	8.859	9.965	12.119	17.529	48.656	INF	INF	INF
10.00	N	7.682	7.015	6.252	5.425	4.580	3.765	3.023	2.382
	F	14.402	17.651	26.001	80.088	INF	INF	INF	INF
20.00	N	12.369	10.694	8.985	7.342	5.848	4.560	3.498	2.654
	F	53.370	176.537	INF	INF	INF	INF	INF	INF
INF	N	31.707	22.482	15.959	11.347	8.086	5.780	4.149	2.996
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

18mm

Feet

U	Feet	Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
2' 4"	N	2' 2.5"	2' 2.1"	2' 1.4"	2' 0.6"	1' 11.6"	1' 10.3"	1' 9"
	F	2' 5.8"	2' 6.5"	2' 7.7"	2' 9.8"	3' 1.1"	3' 9.5"	5' 7.3"
2' 6"	N	2' 4.2"	2' 3.6"	2' 2.9"	2' 1.8"	2' 0.7"	1' 11.1"	1' 9.7"
	F	2' 8.3"	2' 9.1"	2' 10.7"	3' 1.5"	3' 6.1"	4' 6.7"	8' 0.3"
2' 8"	N	2' 5.8"	2' 5.2"	2' 4.2"	2' 3"	2' 1.7"	1' 11.9"	1' 10.3"
	F	2' 10.8"	2' 11.9"	3' 1.9"	3' 5.5"	3' 11.7"	5' 6.7"	13' 1"
2' 10"	N	2' 7.4"	2' 6.7"	2' 5.6"	2' 4.2"	2' 2.7"	2' 0.7"	1' 10.9"
	F	3' 1.4"	3' 2.7"	3' 5.2"	3' 9.9"	4' 6.2"	6' 10.9"	30' 5.5"
3' 0"	N	2' 9"	2' 8.1"	2' 6.9"	2' 5.3"	2' 3.6"	2' 1.4"	1' 11.4"
	F	3' 4"	3' 5.7"	3' 8.7"	4' 2.6"	5' 1.7"	8' 10.3"	INF
3' 3"	N	2' 11.3"	2' 10.2"	2' 8.7"	2' 6.8"	2' 4.9"	2' 2.3"	2' 0.1"
	F	3' 8.1"	3' 10.3"	4' 2.3"	4' 10.6"	6' 3.6"	14' 1.7"	INF
3' 6"	N	3' 1.5"	3' 0.3"	2' 10.5"	2' 8.3"	2' 6.1"	2' 3.2"	2' 0.8"
	F	4' 0.4"	4' 3.1"	4' 8.5"	5' 7.9"	7' 9.8"	29' 6.2"	INF
3' 9"	N	3' 3.6"	3' 2.2"	3' 0.2"	2' 9.7"	2' 7.2"	2' 4"	2' 1.3"
	F	4' 4.8"	4' 8.3"	5' 3.2"	6' 6.7"	9' 10.8"	657' 10.2"	INF
4' 0"	N	3' 5.8"	3' 4.1"	3' 1.8"	2' 11"	2' 8.2"	2' 4.8"	2' 1.9"
	F	4' 9.4"	5' 1.7"	5' 10.6"	7' 7.6"	12' 11.4"	INF	INF
4' 6"	N	3' 9.8"	3' 7.7"	3' 4.9"	3' 1.4"	2' 10.1"	2' 6.1"	2' 2.8"
	F	5' 7.2"	6' 1.6"	7' 3.6"	10' 6.3"	26' 10.7"	INF	INF
5' 0"	N	4' 1.7"	3' 11.1"	3' 7.7"	3' 3.6"	2' 11.7"	2' 7.2"	2' 3.5"
	F	6' 5.9"	7' 3.2"	9' 0.8"	15' 1.8"	208' 6"	INF	INF
6' 0"	N	4' 8.8"	4' 5.3"	4' 0.7"	3' 7.3"	3' 2.5"	2' 9"	2' 4.7"
	F	8' 6.3"	10' 0.4"	14' 3.4"	45' 1.8"	INF	INF	INF
7' 0"	N	5' 3.3"	4' 10.7"	4' 4.9"	3' 10.5"	3' 4.7"	2' 10.4"	2' 5.7"
	F	10' 12"	13' 9.9"	24' 3.8"	INF	INF	INF	INF
8' 0"	N	5' 9.2"	5' 3.6"	4' 8.7"	4' 1.1"	3' 6.6"	2' 11.6"	2' 6.4"
	F	14' 0.7"	19' 3.6"	51' 8.1"	INF	INF	INF	INF
9' 0"	N	6' 2.6"	5' 8"	4' 12"	4' 3.4"	3' 8.1"	3' 0.5"	2' 7"
	F	17' 11.4"	27' 11"	422' 11.7"	INF	INF	INF	INF
10' 0"	N	6' 7.5"	5' 12"	5' 2.9"	4' 5.3"	3' 9.4"	3' 1.3"	2' 7.4"
	F	23' 0.9"	43' 5.9"	INF	INF	INF	INF	INF
12' 0"	N	7' 4.4"	6' 6.9"	5' 7.8"	4' 8.6"	3' 11.6"	3' 2.5"	2' 8.2"
	F	40' 4.4"	269' 2.1"	INF	INF	INF	INF	INF
15' 0"	N	8' 3.4"	7' 3.2"	6' 1.5"	5' 0.2"	4' 1.9"	3' 3.8"	2' 8.9"
	F	162' 0"	INF	INF	INF	INF	INF	INF
20' 0"	N	9' 5.4"	8' 1.5"	6' 8.3"	5' 4.3"	4' 4.4"	3' 5.2"	2' 9.7"
	F	INF	INF	INF	INF	INF	INF	INF
30' 0"	N	11' 0.1"	9' 2.5"	7' 4.4"	5' 9"	4' 7.2"	3' 6.6"	2' 10.6"
	F	INF	INF	INF	INF	INF	INF	INF
60' 0"	N	13' 2.2"	10' 7.4"	8' 2.3"	6' 2.4"	4' 10.3"	3' 8.2"	2' 11.4"
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	16' 5"	12' 6.5"	9' 2.6"	6' 8.7"	5' 1.7"	3' 9.9"	3' 0.4"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

25mm

Feet

U	Feet	Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
2' 4"	N	2' 3.2"	2' 2.9"	2' 2.5"	2' 1.9"	2' 1.3"	2' 0.3"	1' 11.3"
	F	2' 4.9"	2' 5.3"	2' 5.8"	2' 6.7"	2' 7.9"	2' 10.4"	3' 2.2"
2' 6"	N	2' 5"	2' 4.7"	2' 4.2"	2' 3.5"	2' 2.7"	2' 1.6"	2' 0.4"
	F	2' 7.1"	2' 7.6"	2' 8.3"	2' 9.4"	2' 11"	3' 2.3"	3' 7.5"
2' 8"	N	2' 6.8"	2' 6.4"	2' 5.8"	2' 5"	2' 4.1"	2' 2.7"	2' 1.4"
	F	2' 9.4"	2' 9.9"	2' 10.8"	3' 0.2"	3' 2.2"	3' 6.5"	4' 1.7"
2' 10"	N	2' 8.5"	2' 8.1"	2' 7.4"	2' 6.5"	2' 5.4"	2' 3.8"	2' 2.3"
	F	2' 11.7"	3' 0.3"	3' 1.4"	3' 3.1"	3' 5.6"	3' 11.1"	4' 8.8"
3' 0"	N	2' 10.3"	2' 9.8"	2' 9"	2' 7.9"	2' 6.7"	2' 4.9"	2' 3.2"
	F	3' 2"	3' 2.7"	3' 4"	3' 6.1"	3' 9.2"	4' 4.1"	5' 5.2"
3' 3"	N	3' 0.9"	3' 0.2"	2' 11.3"	2' 10"	2' 8.5"	2' 6.4"	2' 4.4"
	F	3' 5.5"	3' 6.4"	3' 8.1"	3' 10.8"	4' 3"	5' 0.7"	6' 8.9"
3' 6"	N	3' 3.4"	3' 2.7"	3' 1.5"	2' 12"	2' 10.3"	2' 7.9"	2' 5.6"
	F	3' 9.1"	3' 10.3"	4' 0.3"	4' 3.8"	4' 9.4"	5' 10.7"	8' 6.3"
3' 9"	N	3' 5.9"	3' 5"	3' 3.7"	3' 1.9"	2' 11.9"	2' 9.2"	2' 6.7"
	F	4' 0.7"	4' 2.2"	4' 4.7"	4' 9.2"	5' 4.3"	6' 10.7"	11' 1.2"
4' 0"	N	3' 8.4"	3' 7.4"	3' 5.8"	3' 3.8"	3' 1.5"	2' 10.5"	2' 7.7"
	F	4' 4.4"	4' 6.2"	4' 9.3"	5' 2.8"	5' 11.9"	8' 1.1"	15' 1.3"
4' 6"	N	4' 1.3"	3' 11.9"	3' 9.9"	3' 7.3"	3' 4.5"	3' 0.8"	2' 9.5"
	F	5' 0.1"	5' 2.5"	5' 6.9"	6' 3.2"	7' 5.7"	11' 5.1"	38' 6.5"
5' 0"	N	4' 5.9"	4' 4.2"	4' 1.8"	3' 10.6"	3' 7.3"	3' 2.9"	2' 11"
	F	5' 8"	5' 11.3"	6' 5.4"	7' 5.4"	9' 4"	17' 1.3"	INF
6' 0"	N	5' 2.9"	5' 0.5"	4' 9"	4' 4.6"	4' 0.2"	3' 6.6"	3' 1.7"
	F	7' 0.9"	7' 6.4"	8' 5.3"	10' 4.7"	14' 11.1"	69' 2.9"	INF
7' 0"	N	5' 11.4"	5' 8.2"	5' 3.6"	4' 9.9"	4' 4.4"	3' 9.6"	3' 3.8"
	F	8' 7.1"	9' 3.9"	10' 10.1"	14' 6.2"	26' 2.5"	INF	INF
8' 0"	N	6' 7.5"	6' 3.3"	5' 9.6"	5' 2.7"	4' 8.1"	4' 0.1"	3' 5.6"
	F	10' 3"	11' 4.2"	13' 9.4"	20' 8.3"	60' 10"	INF	INF
9' 0"	N	7' 3.1"	6' 10"	6' 3.1"	5' 6.9"	4' 11.3"	4' 2.3"	3' 7.1"
	F	12' 0.7"	13' 7.9"	17' 5.7"	30' 11.3"	INF	INF	INF
10' 0"	N	7' 10.3"	7' 4.2"	6' 8.2"	5' 10.8"	5' 2.1"	4' 4.1"	3' 8.3"
	F	14' 0.5"	16' 3.8"	22' 3"	51' 3.9"	INF	INF	INF
12' 0"	N	8' 11.7"	8' 3.6"	7' 5.2"	6' 5.4"	5' 6.9"	4' 7.2"	3' 10.3"
	F	18' 7.7"	23' 0.7"	37' 8.7"	5128' 7"	INF	INF	INF
15' 0"	N	10' 5.5"	9' 6.4"	8' 4.5"	7' 1.4"	6' 0.5"	4' 10.7"	4' 0.5"
	F	27' 8.9"	39' 3.6"	124' 4.8"	INF	INF	INF	INF
20' 0"	N	12' 6.4"	11' 2.3"	9' 7"	7' 11.3"	6' 7.1"	5' 2.6"	4' 2.9"
	F	54' 2.7"	133' 3.3"	INF	INF	INF	INF	INF
30' 0"	N	15' 7.5"	13' 6.5"	11' 2.5"	8' 11.7"	7' 3"	5' 7"	4' 5.5"
	F	1224' 5.7"	INF	INF	INF	INF	INF	INF
60' 0"	N	20' 8.8"	17' 1.6"	13' 5.8"	10' 3.7"	8' 0.6"	6' 0.1"	4' 8.4"
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	30' 9.5"	23' 3.8"	16' 10.9"	12' 1.3"	9' 0.6"	6' 6"	4' 11.7"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

32mm

Feet

U	Feet	Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
2' 4"	N	2' 3.5"	2' 3.3"	2' 3"	2' 2.6"	2' 2.2"	2' 1.5"	2' 0.7"
	F	2' 4.6"	2' 4.8"	2' 5.1"	2' 5.6"	2' 6.3"	2' 7.6"	2' 9.3"
2' 6"	N	2' 5.3"	2' 5.1"	2' 4.8"	2' 4.3"	2' 3.8"	2' 2.9"	2' 2"
	F	2' 6.7"	2' 7"	2' 7.4"	2' 8"	2' 8.9"	2' 10.5"	3' 0.8"
2' 8"	N	2' 7.2"	2' 6.9"	2' 6.6"	2' 6"	2' 5.3"	2' 4.3"	2' 3.2"
	F	2' 8.9"	2' 9.2"	2' 9.7"	2' 10.5"	2' 11.6"	3' 1.6"	3' 4.5"
2' 10"	N	2' 9.1"	2' 8.8"	2' 8.3"	2' 7.6"	2' 6.9"	2' 5.7"	2' 4.5"
	F	2' 11"	2' 11.4"	3' 0"	3' 1"	3' 2.3"	3' 4.8"	3' 8.5"
3' 0"	N	2' 10.9"	2' 10.5"	2' 10"	2' 9.2"	2' 8.4"	2' 7"	2' 5.6"
	F	3' 1.2"	3' 1.6"	3' 2.4"	3' 3.5"	3' 5.1"	3' 8.2"	4' 0.8"
3' 3"	N	3' 1.6"	3' 1.2"	3' 0.5"	2' 11.6"	2' 10.5"	2' 8.9"	2' 7.3"
	F	3' 4.5"	3' 5.1"	3' 6"	3' 7.5"	3' 9.5"	4' 1.5"	4' 7.8"
3' 6"	N	3' 4.3"	3' 3.8"	3' 3"	3' 1.9"	3' 0.7"	2' 10.8"	2' 8.9"
	F	3' 7.9"	3' 8.5"	3' 9.7"	3' 11.5"	4' 2.1"	4' 7.3"	5' 3.8"
3' 9"	N	3' 7"	3' 6.4"	3' 5.5"	3' 4.2"	3' 2.7"	3' 0.5"	2' 10.3"
	F	3' 11.2"	4' 0"	4' 1.4"	4' 3.7"	4' 6.9"	5' 1.6"	6' 0.8"
4' 0"	N	3' 9.7"	3' 9"	3' 7.9"	3' 6.4"	3' 4.7"	3' 2.2"	2' 11.8"
	F	4' 2.7"	4' 3.6"	4' 5.3"	4' 8"	4' 12"	5' 8.4"	6' 11.2"
4' 6"	N	4' 2.9"	4' 2"	4' 0.6"	3' 10.6"	3' 8.5"	3' 5.4"	3' 2.4"
	F	4' 9.6"	4' 10.9"	5' 1.2"	5' 5.1"	5' 10.9"	6' 11.8"	9' 1.1"
5' 0"	N	4' 8.1"	4' 6.9"	4' 5.1"	4' 2.7"	4' 0.1"	3' 8.4"	3' 4.8"
	F	5' 4.7"	5' 6.4"	5' 9.5"	6' 2.8"	6' 11"	8' 6.3"	12' 1.7"
6' 0"	N	5' 6.1"	5' 4.3"	5' 1.8"	4' 10.4"	4' 6.7"	4' 1.7"	3' 9"
	F	6' 7.4"	6' 10.2"	7' 3.3"	8' 0.5"	9' 3.6"	12' 9.5"	24' 6.6"
7' 0"	N	6' 3.7"	6' 1.3"	5' 9.9"	5' 5.4"	5' 0.6"	4' 6.3"	4' 0.5"
	F	7' 10.7"	8' 3"	8' 10.9"	10' 1.8"	12' 4.3"	19' 11.3"	92' 6.5"
8' 0"	N	7' 1"	6' 9.9"	6' 5.5"	5' 11.8"	5' 6"	4' 10.3"	4' 3.5"
	F	9' 2.8"	9' 9"	10' 8.6"	12' 7.6"	16' 5"	34' 5.1"	INF
9' 0"	N	7' 10"	7' 6.1"	7' 0.7"	6' 5.8"	5' 10.8"	5' 1.9"	4' 6.1"
	F	10' 7.7"	11' 4.2"	12' 8.6"	15' 7.2"	22' 0.7"	79' 4.4"	INF
10' 0"	N	8' 6.6"	8' 2"	7' 7.5"	6' 11.4"	6' 3.2"	5' 5.1"	4' 8.4"
	F	12' 1.4"	13' 0.8"	14' 11.5"	19' 2.7"	30' 5.2"	INF	INF
12' 0"	N	9' 11.1"	9' 4.7"	8' 8"	7' 9.3"	6' 11"	5' 10.5"	5' 0.2"
	F	15' 3.7"	16' 10.8"	20' 4"	29' 6.3"	70' 9.7"	INF	INF
15' 0"	N	11' 9.8"	11' 0.7"	10' 0.4"	8' 10"	7' 8.5"	6' 4.9"	5' 4.6"
	F	20' 9.4"	23' 11.2"	31' 9"	63' 7.6"	INF	INF	INF
20' 0"	N	14' 7.3"	13' 5.1"	11' 10.9"	10' 2.6"	8' 8.5"	7' 0.6"	5' 9.6"
	F	32' 4.4"	41' 0.2"	72' 6"	INF	INF	INF	INF
30' 0"	N	19' 1.4"	17' 1.1"	14' 7.8"	12' 1.3"	10' 0.1"	7' 10"	6' 3.5"
	F	73' 1.4"	143' 5.5"	INF	INF	INF	INF	INF
60' 0"	N	27' 7.6"	23' 6.1"	19' 0.3"	14' 10.4"	11' 9"	8' 9.7"	6' 10.3"
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	49' 10.3"	37' 7.3"	27' 1.4"	19' 2.9"	14' 2.8"	10' 0.7"	7' 6.6"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

40mm

Feet

U	Feet	Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
2' 4"	N	2' 3.6"	2' 3.5"	2' 3.3"	2' 3.1"	2' 2.7"	2' 2.2"	2' 1.6"
	F	2' 4.4"	2' 4.5"	2' 4.7"	2' 5.1"	2' 5.5"	2' 6.2"	2' 7.2"
2' 6"	N	2' 5.6"	2' 5.4"	2' 5.2"	2' 4.9"	2' 4.5"	2' 3.8"	2' 3.1"
	F	2' 6.5"	2' 6.6"	2' 6.9"	2' 7.3"	2' 7.8"	2' 8.8"	2' 10"
2' 8"	N	2' 7.5"	2' 7.3"	2' 7"	2' 6.6"	2' 6.1"	2' 5.4"	2' 4.6"
	F	2' 8.6"	2' 8.8"	2' 9.1"	2' 9.6"	2' 10.2"	2' 11.4"	3' 1"
2' 10"	N	2' 9.4"	2' 9.2"	2' 8.8"	2' 8.4"	2' 7.8"	2' 7"	2' 6"
	F	2' 10.7"	2' 10.9"	2' 11.3"	2' 11.9"	3' 0.7"	3' 2.1"	3' 4"
3' 0"	N	2' 11.3"	2' 11"	2' 10.6"	2' 10.1"	2' 9.5"	2' 8.5"	2' 7.4"
	F	3' 0.8"	3' 1.1"	3' 1.5"	3' 2.2"	3' 3.2"	3' 4.9"	3' 7.2"
3' 3"	N	3' 2.1"	3' 1.8"	3' 1.3"	3' 0.7"	2' 11.9"	2' 10.7"	2' 9.4"
	F	3' 4"	3' 4.3"	3' 4.9"	3' 5.8"	3' 7"	3' 9.2"	4' 0.2"
3' 6"	N	3' 4.9"	3' 4.5"	3' 4"	3' 3.2"	3' 2.3"	3' 0.8"	2' 11.3"
	F	3' 7.2"	3' 7.6"	3' 8.3"	3' 9.4"	3' 10.9"	4' 1.6"	4' 5.5"
3' 9"	N	3' 7.7"	3' 7.3"	3' 6.6"	3' 5.7"	3' 4.6"	3' 2.9"	3' 1.2"
	F	3' 10.4"	3' 10.9"	3' 11.8"	4' 1.1"	4' 2.9"	4' 6.3"	4' 11.2"
4' 0"	N	3' 10.4"	3' 10"	3' 9.2"	3' 8.1"	3' 6.9"	3' 5"	3' 3"
	F	4' 1.7"	4' 2.3"	4' 3.3"	4' 4.9"	4' 7"	4' 11.2"	5' 5.3"
4' 6"	N	4' 3.9"	4' 3.3"	4' 2.3"	4' 0.9"	3' 11.3"	3' 8.9"	3' 6.4"
	F	4' 8.3"	4' 9.1"	4' 10.4"	5' 0.6"	5' 3.7"	5' 9.7"	6' 6.9"
5' 0"	N	4' 9.4"	4' 8.5"	4' 7.3"	4' 5.5"	4' 3.5"	4' 0.6"	3' 9.5"
	F	5' 3"	5' 4"	5' 5.8"	5' 8.7"	6' 0.8"	6' 9.2"	7' 10.6"
6' 0"	N	5' 8"	5' 6.8"	5' 4.9"	5' 2.4"	4' 11.5"	4' 7.4"	4' 3.2"
	F	6' 4.6"	6' 6.3"	6' 9.1"	7' 1.9"	7' 8.9"	8' 12"	11' 3.3"
7' 0"	N	6' 6.4"	6' 4.7"	6' 2.2"	5' 10.7"	5' 6.9"	5' 1.5"	4' 8.3"
	F	7' 6.6"	7' 9.1"	8' 1.4"	8' 8.7"	9' 7.8"	11' 9.5"	16' 3.6"
8' 0"	N	7' 4.5"	7' 2.3"	6' 11.1"	6' 6.6"	6' 1.8"	5' 7.1"	5' 0.7"
	F	8' 9"	9' 0.5"	9' 6.5"	10' 5.2"	11' 10"	15' 4.4"	24' 6.1"
9' 0"	N	8' 2.4"	7' 11.7"	7' 7.6"	7' 2.1"	6' 8.2"	6' 0.2"	5' 4.7"
	F	9' 11.9"	10' 4.5"	11' 0.8"	12' 3.7"	14' 4.4"	20' 1.5"	40' 4.1"
10' 0"	N	9' 0.1"	8' 8.7"	8' 3.7"	7' 9.2"	7' 2.2"	6' 4.9"	5' 8.3"
	F	11' 3.2"	11' 9.2"	12' 8.1"	14' 4.5"	17' 4"	26' 9.2"	83' 7.3"
12' 0"	N	10' 6.8"	10' 2"	9' 7.1"	8' 10.2"	8' 1"	7' 1.1"	6' 2.5"
	F	13' 11.1"	14' 8.7"	16' 2.8"	19' 2.7"	25' 1.4"	53' 0.2"	INF
15' 0"	N	12' 9.3"	12' 2.2"	11' 4.1"	10' 3.6"	9' 3"	7' 11.3"	6' 9.9"
	F	18' 3"	19' 8.3"	22' 6.8"	29' 0.2"	45' 8.1"	3000' 9"	INF
20' 0"	N	16' 1.7"	15' 2.2"	13' 10.5"	12' 3.6"	10' 9.6"	9' 0.2"	7' 6.9"
	F	26' 5.4"	29' 8.3"	37' 0.1"	59' 2.6"	252' 1.9"	INF	INF
30' 0"	N	21' 11.2"	20' 1.8"	17' 10.2"	15' 3.3"	12' 11.8"	10' 5.2"	8' 6.1"
	F	48' 0.8"	60' 4.3"	102' 10.1"	INF	INF	INF	INF
60' 0"	N	34' 2.2"	29' 11.4"	25' 0.4"	20' 1.7"	16' 3"	12' 4.5"	9' 8.4"
	F	263' 2.4"	INF	INF	INF	INF	INF	INF
INF	N	77' 4.7"	58' 3"	41' 10.2"	29' 6.6"	21' 8.7"	15' 2.4"	11' 3.4"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

50mm

Feet

U	Feet	Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
2' 4"	N	2' 3.8"	2' 3.7"	2' 3.5"	2' 3.4"	2' 3.1"	2' 2.8"	2' 2.3"
	F	2' 4.3"	2' 4.3"	2' 4.5"	2' 4.7"	2' 5"	2' 5.4"	2' 6"
2' 6"	N	2' 5.7"	2' 5.6"	2' 5.4"	2' 5.2"	2' 4.9"	2' 4.5"	2' 4"
	F	2' 6.3"	2' 6.4"	2' 6.6"	2' 6.8"	2' 7.2"	2' 7.8"	2' 8.5"
2' 8"	N	2' 7.6"	2' 7.5"	2' 7.3"	2' 7.1"	2' 6.7"	2' 6.2"	2' 5.6"
	F	2' 8.4"	2' 8.5"	2' 8.7"	2' 9"	2' 9.4"	2' 10.1"	2' 11.1"
2' 10"	N	2' 9.6"	2' 9.4"	2' 9.2"	2' 8.9"	2' 8.5"	2' 7.9"	2' 7.2"
	F	2' 10.4"	2' 10.6"	2' 10.8"	2' 11.2"	2' 11.7"	3' 0.6"	3' 1.7"
3' 0"	N	2' 11.5"	2' 11.3"	2' 11.1"	2' 10.7"	2' 10.3"	2' 9.6"	2' 8.7"
	F	3' 0.5"	3' 0.7"	3' 1"	3' 1.4"	3' 2"	3' 3"	3' 4.3"
3' 3"	N	3' 2.4"	3' 2.2"	3' 1.9"	3' 1.4"	3' 0.9"	3' 0"	2' 11"
	F	3' 3.6"	3' 3.9"	3' 4.2"	3' 4.8"	3' 5.5"	3' 6.8"	3' 8.5"
3' 6"	N	3' 5.3"	3' 5"	3' 4.6"	3' 4.1"	3' 3.4"	3' 2.4"	3' 1.3"
	F	3' 6.8"	3' 7"	3' 7.5"	3' 8.2"	3' 9"	3' 10.6"	4' 0.7"
3' 9"	N	3' 8.1"	3' 7.8"	3' 7.4"	3' 6.7"	3' 6"	3' 4.8"	3' 3.4"
	F	3' 9.9"	3' 10.2"	3' 10.8"	3' 11.6"	4' 0.7"	4' 2.6"	4' 5.2"
4' 0"	N	3' 11"	3' 10.6"	3' 10.1"	3' 9.4"	3' 8.5"	3' 7.1"	3' 5.5"
	F	4' 1.1"	4' 1.5"	4' 2.1"	4' 3.1"	4' 4.3"	4' 6.7"	4' 9.8"
4' 6"	N	4' 4.6"	4' 4.2"	4' 3.5"	4' 2.5"	4' 1.4"	3' 11.6"	3' 9.6"
	F	4' 7.5"	4' 8"	4' 8.8"	4' 10.1"	4' 11.9"	5' 3.1"	5' 7.6"
5' 0"	N	4' 10.2"	4' 9.7"	4' 8.8"	4' 7.6"	4' 6.1"	4' 3.9"	4' 1.5"
	F	5' 1.9"	5' 2.5"	5' 3.6"	5' 5.4"	5' 7.7"	6' 0"	6' 6.1"
6' 0"	N	5' 9.3"	5' 8.5"	5' 7.2"	5' 5.4"	5' 3.3"	5' 0.1"	4' 8.7"
	F	6' 2.9"	6' 3.9"	6' 5.6"	6' 8.4"	7' 0.2"	7' 7.4"	8' 6.2"
7' 0"	N	6' 8.3"	6' 7.1"	6' 5.3"	6' 2.8"	5' 11.9"	5' 7.7"	5' 3.3"
	F	7' 4.1"	7' 5.6"	7' 8.1"	8' 0.2"	8' 5.9"	9' 5.2"	10' 11.1"
8' 0"	N	7' 7"	7' 5.5"	7' 3.1"	6' 11.9"	6' 8.2"	6' 2.8"	5' 9.3"
	F	8' 5.6"	8' 7.7"	8' 11.1"	9' 4.9"	10' 1"	11' 5.9"	13' 10.5"
9' 0"	N	8' 5.6"	8' 3.7"	8' 0.7"	7' 8.6"	7' 4"	6' 9.4"	6' 2.8"
	F	9' 7.4"	9' 10.1"	10' 2.7"	10' 10.4"	11' 9.7"	13' 10.1"	17' 6.7"
10' 0"	N	9' 4"	9' 1.6"	8' 10"	8' 5"	7' 11.5"	7' 3.6"	6' 7.9"
	F	10' 9.3"	11' 0.8"	11' 6.8"	12' 5"	13' 8.2"	16' 6.6"	22' 3.6"
12' 0"	N	11' 0.4"	10' 8.9"	10' 3.8"	9' 8.9"	9' 1.4"	8' 2.9"	7' 5"
	F	13' 2.1"	13' 7.4"	14' 4.9"	15' 9.4"	17' 11.5"	23' 5.3"	37' 6.3"
15' 0"	N	13' 5.8"	13' 0.5"	12' 4.9"	11' 6.8"	10' 8"	9' 5.6"	8' 4.4"
	F	16' 11.2"	17' 8.4"	19' 1.1"	21' 8"	26' 1.5"	40' 1.9"	118' 4.6"
20' 0"	N	17' 4"	16' 7.2"	15' 6.6"	14' 2.7"	12' 10.3"	11' 1.4"	9' 7.1"
	F	23' 8.4"	25' 3.3"	28' 3.5"	34' 6.5"	47' 11.3"	140' 4.3"	INF
30' 0"	N	24' 3"	22' 9.7"	20' 10"	18' 5.5"	16' 2.2"	13' 5.5"	11' 2.9"
	F	39' 5.8"	44' 2.2"	54' 7.9"	85' 2.6"	291' 5.4"	INF	INF
60' 0"	N	40' 4.5"	36' 5.2"	31' 6.5"	26' 3.5"	21' 9.7"	17' 0.6"	13' 6.9"
	F	118' 3.4"	175' 8.3"	802' 10.8"	INF	INF	INF	INF
INF	N	120' 5"	90' 6.2"	64' 10.7"	45' 8"	33' 5.3"	23' 3"	17' 1.6"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

60mm

Feet

U	Feet	Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
2' 4"	N	2' 3.8"	2' 3.8"	2' 3.7"	2' 3.5"	2' 3.4"	2' 3.1"	2' 2.8"
	F	2' 4.2"	2' 4.2"	2' 4.3"	2' 4.5"	2' 4.7"	2' 5"	2' 5.4"
2' 6"	N	2' 5.8"	2' 5.7"	2' 5.6"	2' 5.4"	2' 5.2"	2' 4.9"	2' 4.5"
	F	2' 6.2"	2' 6.3"	2' 6.4"	2' 6.6"	2' 6.8"	2' 7.2"	2' 7.7"
2' 8"	N	2' 7.7"	2' 7.7"	2' 7.5"	2' 7.3"	2' 7.1"	2' 6.7"	2' 6.2"
	F	2' 8.3"	2' 8.4"	2' 8.5"	2' 8.7"	2' 9"	2' 9.5"	2' 10.1"
2' 10"	N	2' 9.7"	2' 9.6"	2' 9.4"	2' 9.2"	2' 8.9"	2' 8.4"	2' 7.9"
	F	2' 10.3"	2' 10.4"	2' 10.6"	2' 10.9"	2' 11.2"	2' 11.8"	3' 0.5"
3' 0"	N	2' 11.6"	2' 11.5"	2' 11.3"	2' 11.1"	2' 10.7"	2' 10.2"	2' 9.6"
	F	3' 0.4"	3' 0.5"	3' 0.7"	3' 1"	3' 1.4"	3' 2.1"	3' 3"
3' 3"	N	3' 2.6"	3' 2.4"	3' 2.2"	3' 1.9"	3' 1.4"	3' 0.8"	3' 0.1"
	F	3' 3.5"	3' 3.6"	3' 3.9"	3' 4.2"	3' 4.7"	3' 5.6"	3' 6.7"
3' 6"	N	3' 5.5"	3' 5.3"	3' 5"	3' 4.6"	3' 4.1"	3' 3.4"	3' 2.5"
	F	3' 6.5"	3' 6.7"	3' 7"	3' 7.5"	3' 8.1"	3' 9.2"	3' 10.5"
3' 9"	N	3' 8.4"	3' 8.2"	3' 7.8"	3' 7.4"	3' 6.8"	3' 5.9"	3' 4.8"
	F	3' 9.7"	3' 9.9"	3' 10.2"	3' 10.8"	3' 11.5"	4' 0.8"	4' 2.4"
4' 0"	N	3' 11.3"	3' 11"	3' 10.6"	3' 10.1"	3' 9.4"	3' 8.4"	3' 7.2"
	F	4' 0.8"	4' 1"	4' 1.5"	4' 2.1"	4' 3"	4' 4.5"	4' 6.5"
4' 6"	N	4' 5"	4' 4.7"	4' 4.2"	4' 3.5"	4' 2.6"	4' 1.2"	3' 11.7"
	F	4' 7"	4' 7.4"	4' 7.9"	4' 8.8"	4' 10"	5' 0.1"	5' 2.8"
5' 0"	N	4' 10.7"	4' 10.3"	4' 9.7"	4' 8.8"	4' 7.7"	4' 6"	4' 4.1"
	F	5' 1.3"	5' 1.8"	5' 2.5"	5' 3.7"	5' 5.2"	5' 7.9"	5' 11.6"
6' 0"	N	5' 10.1"	5' 9.5"	5' 8.6"	5' 7.2"	5' 5.6"	5' 3.1"	5' 0.4"
	F	6' 2"	6' 2.7"	6' 3.9"	6' 5.7"	6' 8.1"	7' 0.5"	7' 6.6"
7' 0"	N	6' 9.3"	6' 8.5"	6' 7.2"	6' 5.3"	6' 3.1"	5' 11.7"	5' 8.1"
	F	7' 2.9"	7' 3.9"	7' 5.5"	7' 8.2"	7' 11.7"	8' 6.4"	9' 3.8"
8' 0"	N	7' 8.4"	7' 7.3"	7' 5.6"	7' 3.1"	7' 0.3"	6' 7.9"	6' 3.3"
	F	8' 3.9"	8' 5.2"	8' 7.5"	8' 11.2"	9' 4.1"	10' 1.6"	11' 3.7"
9' 0"	N	8' 7.4"	8' 6"	8' 3.8"	8' 0.7"	7' 9.1"	7' 3.7"	6' 10.1"
	F	9' 5"	9' 6.8"	9' 9.8"	10' 2.7"	10' 9.4"	11' 10.6"	13' 6.7"
10' 0"	N	9' 6.3"	9' 4.5"	9' 1.8"	8' 10"	8' 5.6"	7' 11.1"	7' 4.5"
	F	10' 6.4"	10' 8.7"	11' 0.5"	11' 6.8"	12' 3.6"	13' 9.3"	16' 1.6"
12' 0"	N	11' 3.7"	11' 1.1"	10' 9.2"	10' 3.8"	9' 9.8"	9' 0.9"	8' 4.1"
	F	12' 9.5"	13' 1"	13' 6.9"	14' 4.8"	15' 7"	18' 1.3"	22' 6.7"
15' 0"	N	13' 10.9"	13' 6.9"	13' 1"	12' 4.9"	11' 8"	10' 7.5"	9' 7.2"
	F	16' 3.5"	16' 9.4"	17' 7.5"	19' 0.9"	21' 3.3"	26' 5.1"	37' 5.9"
20' 0"	N	18' 0.7"	17' 5.9"	16' 8"	15' 6.8"	14' 4.7"	12' 9.5"	11' 3.8"
	F	22' 5.2"	23' 4.7"	25' 1.3"	28' 2.9"	33' 6.1"	48' 10.6"	111' 1.2"
30' 0"	N	25' 8.9"	24' 7"	22' 11.3"	20' 10.4"	18' 9.1"	16' 1"	13' 9.2"
	F	36' 0.1"	38' 7.2"	43' 7.9"	54' 4.8"	78' 10.2"	326' 7.3"	INF
60' 0"	N	44' 9.8"	41' 4.2"	36' 9.8"	31' 7.6"	26' 11.3"	21' 7.8"	17' 6.9"
	F	91' 2"	110' 4.8"	167' 0"	738' 2.1"	INF	INF	INF
INF	N	173' 0.2"	129' 11.6"	93' 0.7"	65' 4.6"	47' 9.2"	33' 1.1"	24' 3.4"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

75mm

Feet

U	Feet	Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
2' 4"	N	2' 3.9"	2' 3.8"	2' 3.8"	2' 3.7"	2' 3.6"	2' 3.4"	2' 3.2"
	F	2' 4.1"	2' 4.2"	2' 4.2"	2' 4.3"	2' 4.5"	2' 4.7"	2' 4.9"
2' 6"	N	2' 5.9"	2' 5.8"	2' 5.7"	2' 5.6"	2' 5.5"	2' 5.2"	2' 5"
	F	2' 6.1"	2' 6.2"	2' 6.3"	2' 6.4"	2' 6.6"	2' 6.8"	2' 7.1"
2' 8"	N	2' 7.8"	2' 7.8"	2' 7.7"	2' 7.5"	2' 7.4"	2' 7.1"	2' 6.8"
	F	2' 8.2"	2' 8.2"	2' 8.3"	2' 8.5"	2' 8.7"	2' 9"	2' 9.4"
2' 10"	N	2' 9.8"	2' 9.7"	2' 9.6"	2' 9.5"	2' 9.3"	2' 8.9"	2' 8.6"
	F	2' 10.2"	2' 10.3"	2' 10.4"	2' 10.6"	2' 10.8"	2' 11.2"	2' 11.6"
3' 0"	N	2' 11.8"	2' 11.7"	2' 11.6"	2' 11.4"	2' 11.1"	2' 10.8"	2' 10.3"
	F	3' 0.2"	3' 0.3"	3' 0.5"	3' 0.7"	3' 0.9"	3' 1.3"	3' 1.9"
3' 3"	N	3' 2.7"	3' 2.6"	3' 2.5"	3' 2.2"	3' 2"	3' 1.5"	3' 1"
	F	3' 3.3"	3' 3.4"	3' 3.6"	3' 3.8"	3' 4.1"	3' 4.7"	3' 5.3"
3' 6"	N	3' 5.6"	3' 5.5"	3' 5.3"	3' 5.1"	3' 4.7"	3' 4.2"	3' 3.6"
	F	3' 6.4"	3' 6.5"	3' 6.7"	3' 7"	3' 7.4"	3' 8"	3' 8.8"
3' 9"	N	3' 8.6"	3' 8.4"	3' 8.2"	3' 7.9"	3' 7.5"	3' 6.9"	3' 6.1"
	F	3' 9.4"	3' 9.6"	3' 9.8"	3' 10.2"	3' 10.6"	3' 11.4"	4' 0.4"
4' 0"	N	3' 11.5"	3' 11.4"	3' 11.1"	3' 10.7"	3' 10.3"	3' 9.5"	3' 8.7"
	F	4' 0.5"	4' 0.7"	4' 0.9"	4' 1.4"	4' 1.9"	4' 2.8"	4' 4"
4' 6"	N	4' 5.4"	4' 5.1"	4' 4.8"	4' 4.3"	4' 3.7"	4' 2.8"	4' 1.7"
	F	4' 6.7"	4' 6.9"	4' 7.3"	4' 7.8"	4' 8.5"	4' 9.8"	4' 11.4"
5' 0"	N	4' 11.2"	4' 10.9"	4' 10.5"	4' 9.9"	4' 9.1"	4' 7.9"	4' 6.5"
	F	5' 0.9"	5' 1.1"	5' 1.6"	5' 2.3"	5' 3.3"	5' 4.9"	5' 7"
6' 0"	N	5' 10.8"	5' 10.4"	5' 9.7"	5' 8.8"	5' 7.7"	5' 5.9"	5' 3.9"
	F	6' 1.3"	6' 1.7"	6' 2.5"	6' 3.6"	6' 5"	6' 7.6"	6' 11"
7' 0"	N	6' 10.2"	6' 9.7"	6' 8.8"	6' 7.5"	6' 6"	6' 3.5"	6' 0.8"
	F	7' 1.8"	7' 2.5"	7' 3.5"	7' 5.1"	7' 7.2"	7' 11"	8' 4"
8' 0"	N	7' 9.7"	7' 8.9"	7' 7.7"	7' 6"	7' 4"	7' 0.8"	6' 9.4"
	F	8' 2.5"	8' 3.3"	8' 4.7"	8' 6.9"	8' 9.8"	9' 3"	9' 10.1"
9' 0"	N	8' 9"	8' 8"	8' 6.5"	8' 4.4"	8' 1.8"	7' 9.8"	7' 5.5"
	F	9' 3.2"	9' 4.3"	9' 6.2"	9' 9"	10' 0.9"	10' 7.9"	11' 5.6"
10' 0"	N	9' 8.2"	9' 7"	9' 5.2"	9' 2.5"	8' 11.4"	8' 6.5"	8' 1.3"
	F	10' 4"	10' 5.4"	10' 7.8"	10' 11.5"	11' 4.4"	12' 1.6"	13' 2.5"
12' 0"	N	11' 6.5"	11' 4.8"	11' 2.1"	10' 10.3"	10' 5.8"	9' 11.1"	9' 3.9"
	F	12' 6"	12' 8.1"	12' 11.6"	13' 5.3"	14' 0.9"	15' 3.6"	17' 1.2"
15' 0"	N	14' 3.3"	14' 0.6"	13' 8.4"	13' 2.6"	12' 7.9"	11' 10"	10' 11.7"
	F	15' 9.7"	16' 1.2"	16' 7"	17' 4.6"	18' 5.9"	20' 8.6"	24' 3.1"
20' 0"	N	18' 8.4"	18' 3.7"	17' 8.5"	16' 10.7"	15' 11.6"	14' 7.8"	13' 4"
	F	21' 6"	22' 0.6"	23' 0"	24' 7.2"	26' 11.3"	32' 1"	41' 8.8"
30' 0"	N	27' 1.4"	26' 3.3"	25' 0.5"	23' 4.7"	21' 7.5"	19' 2.7"	16' 11.8"
	F	33' 7.1"	34' 12"	37' 6.1"	42' 0.7"	49' 7.4"	71' 0.6"	149' 3.2"
60' 0"	N	49' 3.4"	46' 6.2"	42' 8.4"	38' 0.4"	33' 5.9"	27' 11.5"	23' 4.5"
	F	76' 9.6"	84' 8.9"	101' 7.1"	145' 0.1"	313' 1.4"	INF	INF
INF	N	269' 10.4"	202' 7.1"	144' 11.2"	101' 8.2"	74' 1.9"	51' 2.7"	37' 5.6"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

100mm

Feet

U	Feet	Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
2' 4"	N	2' 3.9"	2' 3.9"	2' 3.9"	2' 3.8"	2' 3.7"	2' 3.6"	2' 3.5"
	F	2' 4.1"	2' 4.1"	2' 4.1"	2' 4.2"	2' 4.3"	2' 4.4"	2' 4.5"
2' 6"	N	2' 5.9"	2' 5.9"	2' 5.8"	2' 5.8"	2' 5.7"	2' 5.6"	2' 5.4"
	F	2' 6.1"	2' 6.1"	2' 6.2"	2' 6.2"	2' 6.3"	2' 6.5"	2' 6.7"
2' 8"	N	2' 7.9"	2' 7.9"	2' 7.8"	2' 7.7"	2' 7.6"	2' 7.5"	2' 7.3"
	F	2' 8.1"	2' 8.1"	2' 8.2"	2' 8.3"	2' 8.4"	2' 8.6"	2' 8.8"
2' 10"	N	2' 9.9"	2' 9.8"	2' 9.8"	2' 9.7"	2' 9.6"	2' 9.4"	2' 9.1"
	F	2' 10.1"	2' 10.2"	2' 10.2"	2' 10.3"	2' 10.5"	2' 10.7"	2' 10.9"
3' 0"	N	2' 11.9"	2' 11.8"	2' 11.7"	2' 11.6"	2' 11.5"	2' 11.3"	2' 11"
	F	3' 0.1"	3' 0.2"	3' 0.3"	3' 0.4"	3' 0.5"	3' 0.8"	3' 1.1"
3' 3"	N	3' 2.8"	3' 2.8"	3' 2.7"	3' 2.5"	3' 2.4"	3' 2.1"	3' 1.8"
	F	3' 3.2"	3' 3.2"	3' 3.3"	3' 3.5"	3' 3.6"	3' 4"	3' 4.3"
3' 6"	N	3' 5.8"	3' 5.7"	3' 5.6"	3' 5.5"	3' 5.3"	3' 4.9"	3' 4.5"
	F	3' 6.2"	3' 6.3"	3' 6.4"	3' 6.6"	3' 6.8"	3' 7.1"	3' 7.6"
3' 9"	N	3' 8.8"	3' 8.7"	3' 8.5"	3' 8.4"	3' 8.1"	3' 7.7"	3' 7.3"
	F	3' 9.2"	3' 9.3"	3' 9.5"	3' 9.7"	3' 9.9"	3' 10.4"	3' 10.9"
4' 0"	N	3' 11.7"	3' 11.6"	3' 11.5"	3' 11.2"	3' 11"	3' 10.5"	3' 10"
	F	4' 0.3"	4' 0.4"	4' 0.5"	4' 0.8"	4' 1.1"	4' 1.6"	4' 2.2"
4' 6"	N	4' 5.6"	4' 5.5"	4' 5.3"	4' 5"	4' 4.7"	4' 4.1"	4' 3.4"
	F	4' 6.4"	4' 6.5"	4' 6.7"	4' 7"	4' 7.4"	4' 8.1"	4' 9"
5' 0"	N	4' 11.5"	4' 11.4"	4' 11.1"	4' 10.7"	4' 10.3"	4' 9.5"	4' 8.7"
	F	5' 0.5"	5' 0.7"	5' 0.9"	5' 1.3"	5' 1.8"	5' 2.7"	5' 3.8"
6' 0"	N	5' 11.3"	5' 11"	5' 10.7"	5' 10.1"	5' 9.4"	5' 8.3"	5' 7.1"
	F	6' 0.7"	6' 1"	6' 1.4"	6' 2"	6' 2.8"	6' 4.2"	6' 5.9"
7' 0"	N	6' 11"	6' 10.7"	6' 10.1"	6' 9.4"	6' 8.4"	6' 6.9"	6' 5.1"
	F	7' 1"	7' 1.4"	7' 2"	7' 2.8"	7' 4"	7' 5.9"	7' 8.4"
8' 0"	N	7' 10.6"	7' 10.2"	7' 9.5"	7' 8.5"	7' 7.2"	7' 5.2"	7' 3"
	F	8' 1.4"	8' 1.9"	8' 2.6"	8' 3.8"	8' 5.4"	8' 8"	8' 11.4"
9' 0"	N	8' 10.3"	8' 9.7"	8' 8.8"	8' 7.5"	8' 5.9"	8' 3.4"	8' 0.5"
	F	9' 1.8"	9' 2.4"	9' 3.4"	9' 5"	9' 7"	9' 10.5"	10' 3"
10' 0"	N	9' 9.8"	9' 9.1"	9' 8"	9' 6.4"	9' 4.4"	9' 1.3"	8' 9.8"
	F	10' 2.3"	10' 3"	10' 4.3"	10' 6.3"	10' 8.8"	11' 1.3"	11' 7.1"
12' 0"	N	11' 8.8"	11' 7.8"	11' 6.2"	11' 3.8"	11' 1"	10' 8.6"	10' 3.7"
	F	12' 3.3"	12' 4.5"	12' 6.4"	12' 9.3"	13' 1.1"	13' 8"	14' 5.1"
15' 0"	N	14' 6.9"	14' 5.3"	14' 2.8"	13' 11.1"	13' 6.8"	13' 0.1"	12' 4.8"
	F	15' 5.4"	15' 7.2"	15' 10.3"	16' 3.1"	16' 9.5"	17' 9.2"	19' 1.2"
20' 0"	N	19' 2.9"	19' 0"	18' 7.6"	18' 1.3"	17' 5.9"	16' 6.6"	15' 6.7"
	F	20' 9.9"	21' 1.3"	21' 7.1"	22' 4.3"	23' 4.8"	25' 4.5"	28' 3.1"
30' 0"	N	28' 3.6"	27' 9.3"	26' 11.7"	25' 10.3"	24' 7.1"	22' 8.9"	20' 10.5"
	F	31' 11.1"	32' 7.5"	33' 9.8"	35' 9.3"	38' 6.9"	44' 4.8"	54' 3.3"
60' 0"	N	53' 5.2"	51' 6.7"	48' 9.9"	45' 2.7"	41' 5.1"	36' 4.2"	31' 8.6"
	F	68' 5.2"	71' 9.6"	77' 11.4"	89' 5.6"	109' 9.7"	177' 2.9"	684' 9.6"
INF	N	479' 1.7"	359' 6.5"	257' 0.3"	180' 1.7"	131' 2.6"	90' 5.3"	65' 11.7"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

18mm

Metric

U		Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
0.70	N	0.664	0.654	0.638	0.617	0.593	0.561	0.530
	F	0.743	0.759	0.788	0.838	0.917	1.113	1.597
0.75	N	0.706	0.693	0.674	0.648	0.621	0.583	0.547
	F	0.804	0.825	0.863	0.929	1.038	1.329	2.229
0.80	N	0.747	0.731	0.709	0.679	0.646	0.603	0.563
	F	0.867	0.893	0.941	1.028	1.174	1.608	3.460
0.85	N	0.787	0.769	0.742	0.708	0.671	0.622	0.577
	F	0.931	0.964	1.023	1.134	1.330	1.982	6.914
0.90	N	0.826	0.805	0.775	0.735	0.694	0.640	0.591
	F	0.997	1.037	1.110	1.250	1.511	2.506	74.624
0.95	N	0.865	0.841	0.806	0.762	0.716	0.657	0.603
	F	1.065	1.112	1.201	1.377	1.721	3.297	INF
1.00	N	0.902	0.876	0.837	0.788	0.737	0.672	0.615
	F	1.134	1.190	1.297	1.516	1.969	4.626	INF
1.10	N	0.976	0.943	0.896	0.836	0.776	0.701	0.636
	F	1.277	1.355	1.507	1.839	2.632	15.805	INF
1.20	N	1.047	1.007	0.951	0.881	0.812	0.726	0.654
	F	1.428	1.532	1.743	2.239	3.675	INF	INF
1.30	N	1.116	1.068	1.003	0.923	0.844	0.749	0.670
	F	1.588	1.724	2.011	2.748	5.554	INF	INF
1.50	N	1.246	1.184	1.099	0.997	0.901	0.788	0.697
	F	1.934	2.157	2.671	4.341	32.154	INF	INF
1.70	N	1.368	1.290	1.185	1.063	0.950	0.820	0.718
	F	2.323	2.672	3.573	7.851	INF	INF	INF
2.00	N	1.537	1.433	1.299	1.147	1.011	0.860	0.744
	F	3.003	3.659	5.781	94.214	INF	INF	INF
2.50	N	1.786	1.640	1.457	1.260	1.090	0.908	0.775
	F	4.501	6.314	19.551	INF	INF	INF	INF
3.00	N	2.001	1.814	1.586	1.348	1.149	0.944	0.797
	F	6.755	12.271	INF	INF	INF	INF	INF
4.00	N	2.356	2.089	1.781	1.475	1.232	0.991	0.826
	F	18.125	INF	INF	INF	INF	INF	INF
5.00	N	2.636	2.298	1.922	1.563	1.288	1.022	0.844
	F	INF	INF	INF	INF	INF	INF	INF
7.00	N	3.049	2.595	2.114	1.678	1.357	1.059	0.865
	F	INF	INF	INF	INF	INF	INF	INF
10.00	N	3.454	2.872	2.284	1.775	1.414	1.089	0.882
	F	INF	INF	INF	INF	INF	INF	INF
20.00	N	4.087	3.280	2.520	1.903	1.487	1.126	0.902
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	5.003	3.822	2.810	2.050	1.567	1.165	0.923
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

25mm

Metric

U		Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
0.70	N	0.680	0.674	0.664	0.650	0.635	0.611	0.586
	F	0.722	0.730	0.743	0.765	0.795	0.853	0.943
0.75	N	0.725	0.717	0.706	0.689	0.670	0.642	0.613
	F	0.778	0.788	0.805	0.832	0.870	0.948	1.072
0.80	N	0.770	0.761	0.747	0.727	0.704	0.672	0.638
	F	0.834	0.846	0.867	0.901	0.950	1.051	1.220
0.85	N	0.814	0.803	0.787	0.764	0.738	0.700	0.662
	F	0.891	0.906	0.931	0.973	1.034	1.163	1.391
0.90	N	0.858	0.845	0.826	0.800	0.770	0.727	0.684
	F	0.948	0.966	0.997	1.048	1.123	1.286	1.591
0.95	N	0.902	0.887	0.865	0.835	0.801	0.753	0.706
	F	1.006	1.027	1.064	1.125	1.216	1.422	1.828
1.00	N	0.945	0.928	0.903	0.869	0.831	0.778	0.726
	F	1.065	1.090	1.132	1.205	1.315	1.571	2.113
1.10	N	1.029	1.008	0.977	0.935	0.889	0.825	0.764
	F	1.185	1.218	1.275	1.375	1.531	1.922	2.903
1.20	N	1.112	1.087	1.049	0.998	0.943	0.868	0.798
	F	1.308	1.350	1.425	1.558	1.776	2.366	4.236
1.30	N	1.194	1.163	1.118	1.058	0.995	0.909	0.829
	F	1.434	1.487	1.582	1.757	2.054	2.946	6.969
1.50	N	1.352	1.310	1.249	1.171	1.089	0.981	0.884
	F	1.695	1.775	1.923	2.210	2.746	4.866	INF
1.70	N	1.504	1.450	1.373	1.274	1.174	1.044	0.931
	F	1.971	2.085	2.304	2.755	3.706	9.782	INF
2.00	N	1.721	1.648	1.544	1.415	1.286	1.125	0.989
	F	2.411	2.596	2.967	3.818	6.129	INF	INF
2.50	N	2.059	1.948	1.797	1.615	1.441	1.233	1.065
	F	3.231	3.595	4.408	6.806	24.029	INF	INF
3.00	N	2.367	2.217	2.017	1.783	1.567	1.317	1.121
	F	4.180	4.839	6.525	14.289	INF	INF	INF
4.00	N	2.913	2.679	2.380	2.049	1.758	1.439	1.200
	F	6.609	8.538	16.383	INF	INF	INF	INF
5.00	N	3.380	3.061	2.668	2.250	1.896	1.523	1.252
	F	10.152	15.789	178.353	INF	INF	INF	INF
7.00	N	4.137	3.657	3.095	2.533	2.082	1.631	1.318
	F	26.243	557.978	INF	INF	INF	INF	INF
10.00	N	4.971	4.281	3.517	2.797	2.248	1.723	1.372
	F	INF	INF	INF	INF	INF	INF	INF
20.00	N	6.501	5.344	4.182	3.182	2.477	1.843	1.440
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	9.386	7.107	5.155	3.690	2.758	1.981	1.516
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

32mm

Metric

U		Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
0.70	N	0.687	0.683	0.676	0.667	0.656	0.638	0.620
	F	0.714	0.719	0.727	0.739	0.756	0.786	0.828
0.75	N	0.734	0.729	0.721	0.709	0.696	0.675	0.653
	F	0.767	0.773	0.783	0.799	0.820	0.859	0.913
0.80	N	0.781	0.774	0.765	0.751	0.735	0.710	0.684
	F	0.821	0.828	0.841	0.860	0.886	0.935	1.005
0.85	N	0.827	0.820	0.808	0.792	0.773	0.745	0.715
	F	0.875	0.884	0.899	0.922	0.954	1.014	1.102
0.90	N	0.873	0.864	0.851	0.833	0.811	0.778	0.744
	F	0.930	0.940	0.957	0.985	1.024	1.097	1.207
0.95	N	0.919	0.909	0.894	0.873	0.848	0.811	0.772
	F	0.984	0.997	1.017	1.050	1.096	1.185	1.320
1.00	N	0.964	0.953	0.936	0.912	0.884	0.842	0.800
	F	1.040	1.054	1.078	1.116	1.170	1.276	1.442
1.10	N	1.054	1.040	1.019	0.988	0.954	0.903	0.851
	F	1.151	1.170	1.201	1.252	1.325	1.473	1.717
1.20	N	1.143	1.126	1.099	1.063	1.021	0.960	0.900
	F	1.265	1.288	1.328	1.395	1.490	1.692	2.043
1.30	N	1.231	1.210	1.178	1.135	1.086	1.015	0.945
	F	1.379	1.409	1.459	1.543	1.667	1.936	2.436
1.50	N	1.404	1.375	1.331	1.272	1.207	1.116	1.027
	F	1.614	1.657	1.732	1.861	2.057	2.519	3.529
1.70	N	1.572	1.534	1.478	1.402	1.320	1.207	1.100
	F	1.856	1.916	2.022	2.209	2.507	3.277	5.390
2.00	N	1.817	1.764	1.686	1.584	1.475	1.329	1.194
	F	2.233	2.325	2.492	2.799	3.329	4.965	13.356
2.50	N	2.206	2.124	2.007	1.856	1.701	1.500	1.323
	F	2.900	3.067	3.383	4.020	5.305	11.998	INF
3.00	N	2.573	2.458	2.297	2.096	1.894	1.641	1.425
	F	3.622	3.897	4.446	5.671	8.794	231.607	INF
4.00	N	3.248	3.060	2.804	2.498	2.205	1.858	1.576
	F	5.260	5.893	7.324	11.676	50.037	INF	INF
5.00	N	3.854	3.586	3.232	2.823	2.447	2.017	1.682
	F	7.220	8.509	11.982	32.107	INF	INF	INF
7.00	N	4.900	4.463	3.914	3.315	2.795	2.236	1.823
	F	12.582	17.283	43.984	INF	INF	INF	INF
10.00	N	6.150	5.465	4.648	3.812	3.130	2.434	1.945
	F	28.409	76.406	INF	INF	INF	INF	INF
20.00	N	8.757	7.402	5.950	4.621	3.636	2.713	2.108
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	15.197	11.464	8.264	5.865	4.338	3.065	2.302
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

40mm

Metric

U		Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
0.70	N	0.691	0.688	0.684	0.677	0.669	0.657	0.643
	F	0.709	0.712	0.717	0.725	0.736	0.754	0.778
0.75	N	0.739	0.736	0.730	0.722	0.712	0.697	0.680
	F	0.761	0.765	0.772	0.781	0.794	0.817	0.847
0.80	N	0.787	0.783	0.776	0.767	0.755	0.737	0.717
	F	0.814	0.818	0.826	0.838	0.854	0.882	0.920
0.85	N	0.835	0.830	0.822	0.810	0.797	0.776	0.753
	F	0.866	0.872	0.881	0.896	0.915	0.949	0.995
0.90	N	0.882	0.876	0.867	0.854	0.838	0.814	0.787
	F	0.919	0.926	0.937	0.954	0.977	1.018	1.074
0.95	N	0.929	0.922	0.912	0.897	0.879	0.851	0.821
	F	0.972	0.980	0.993	1.013	1.039	1.088	1.155
1.00	N	0.976	0.968	0.957	0.939	0.919	0.888	0.854
	F	1.026	1.035	1.049	1.072	1.103	1.161	1.240
1.10	N	1.069	1.060	1.045	1.023	0.998	0.959	0.918
	F	1.133	1.145	1.164	1.194	1.235	1.312	1.421
1.20	N	1.162	1.150	1.132	1.105	1.074	1.028	0.978
	F	1.241	1.256	1.280	1.319	1.371	1.472	1.619
1.30	N	1.254	1.239	1.217	1.186	1.149	1.094	1.036
	F	1.351	1.369	1.398	1.447	1.513	1.641	1.835
1.50	N	1.435	1.415	1.385	1.342	1.292	1.219	1.144
	F	1.572	1.598	1.642	1.713	1.813	2.014	2.336
1.70	N	1.614	1.588	1.547	1.491	1.428	1.335	1.242
	F	1.798	1.833	1.894	1.994	2.137	2.438	2.955
2.00	N	1.876	1.839	1.783	1.705	1.619	1.496	1.375
	F	2.144	2.197	2.289	2.445	2.677	3.196	4.215
2.50	N	2.300	2.241	2.154	2.036	1.908	1.732	1.564
	F	2.743	2.836	3.001	3.291	3.753	4.943	8.182
3.00	N	2.708	2.624	2.501	2.339	2.166	1.934	1.721
	F	3.371	3.518	3.785	4.278	5.129	7.788	22.074
4.00	N	3.478	3.335	3.131	2.871	2.605	2.265	1.968
	F	4.724	5.032	5.623	6.849	9.482	27.875	INF
5.00	N	4.193	3.982	3.688	3.324	2.965	2.524	2.153
	F	6.222	6.783	7.938	10.716	19.342	INF	INF
7.00	N	5.482	5.117	4.628	4.056	3.522	2.902	2.411
	F	9.763	11.267	14.999	30.246	INF	INF	INF
10.00	N	7.122	6.507	5.723	4.857	4.097	3.268	2.649
	F	17.034	22.351	45.082	INF	INF	INF	INF
20.00	N	10.941	9.524	7.902	6.312	5.062	3.833	2.993
	F	130.064	INF	INF	INF	INF	INF	INF
INF	N	23.588	17.756	12.756	9.007	6.621	4.633	3.440
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

50mm

Metric

U		Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
0.70	N	0.694	0.692	0.689	0.684	0.679	0.670	0.660
	F	0.706	0.708	0.712	0.717	0.723	0.735	0.749
0.75	N	0.743	0.740	0.737	0.731	0.724	0.713	0.701
	F	0.758	0.760	0.764	0.771	0.779	0.793	0.811
0.80	N	0.791	0.788	0.784	0.777	0.769	0.756	0.742
	F	0.809	0.812	0.817	0.825	0.835	0.852	0.874
0.85	N	0.840	0.836	0.831	0.823	0.814	0.799	0.781
	F	0.861	0.864	0.870	0.880	0.891	0.912	0.939
0.90	N	0.888	0.884	0.878	0.869	0.858	0.840	0.821
	F	0.913	0.917	0.924	0.935	0.949	0.973	1.005
0.95	N	0.936	0.931	0.924	0.914	0.901	0.881	0.859
	F	0.965	0.970	0.978	0.990	1.007	1.035	1.073
1.00	N	0.984	0.979	0.971	0.959	0.945	0.922	0.897
	F	1.017	1.022	1.032	1.046	1.065	1.099	1.143
1.10	N	1.080	1.073	1.063	1.048	1.030	1.002	0.970
	F	1.121	1.129	1.141	1.159	1.184	1.228	1.287
1.20	N	1.175	1.167	1.154	1.136	1.114	1.079	1.042
	F	1.227	1.236	1.251	1.275	1.306	1.362	1.438
1.30	N	1.269	1.260	1.244	1.222	1.196	1.155	1.111
	F	1.333	1.344	1.362	1.391	1.430	1.500	1.597
1.50	N	1.457	1.443	1.422	1.392	1.356	1.301	1.242
	F	1.546	1.562	1.589	1.631	1.687	1.793	1.941
1.70	N	1.643	1.625	1.597	1.557	1.510	1.440	1.365
	F	1.762	1.784	1.820	1.878	1.957	2.107	2.325
2.00	N	1.918	1.892	1.853	1.797	1.732	1.636	1.535
	F	2.091	2.123	2.177	2.265	2.386	2.624	2.991
2.50	N	2.367	2.326	2.263	2.176	2.078	1.934	1.789
	F	2.651	2.706	2.800	2.955	3.176	3.640	4.435
3.00	N	2.804	2.745	2.655	2.533	2.396	2.201	2.010
	F	3.229	3.314	3.460	3.708	4.077	4.907	6.543
4.00	N	3.646	3.543	3.389	3.185	2.963	2.660	2.376
	F	4.436	4.605	4.906	5.443	6.319	8.693	16.159
5.00	N	4.447	4.291	4.063	3.766	3.454	3.041	2.667
	F	5.720	6.011	6.548	7.570	9.433	16.199	137.970
7.00	N	5.939	5.656	5.257	4.758	4.259	3.634	3.101
	F	8.548	9.234	10.606	13.680	21.606	1303.792	INF
10.00	N	7.934	7.427	6.742	5.929	5.160	4.256	3.531
	F	13.585	15.447	19.821	34.687	682.227	INF	INF
20.00	N	13.049	11.705	10.057	8.317	6.852	5.318	4.213
	F	43.481	71.860	INF	INF	INF	INF	INF
INF	N	36.704	27.590	19.779	13.920	10.192	7.085	5.221
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

60mm

Metric

U		Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
0.70	N	0.696	0.694	0.692	0.689	0.685	0.678	0.670
	F	0.704	0.706	0.708	0.712	0.717	0.724	0.734
0.75	N	0.745	0.743	0.740	0.736	0.731	0.723	0.714
	F	0.755	0.757	0.760	0.765	0.770	0.780	0.792
0.80	N	0.794	0.792	0.788	0.783	0.778	0.768	0.757
	F	0.806	0.809	0.812	0.818	0.824	0.836	0.851
0.85	N	0.843	0.840	0.836	0.830	0.823	0.812	0.799
	F	0.858	0.860	0.864	0.871	0.879	0.893	0.911
0.90	N	0.891	0.888	0.884	0.877	0.869	0.856	0.841
	F	0.909	0.912	0.917	0.924	0.934	0.951	0.972
0.95	N	0.940	0.937	0.931	0.924	0.915	0.900	0.883
	F	0.960	0.964	0.970	0.978	0.989	1.009	1.034
1.00	N	0.989	0.985	0.979	0.970	0.960	0.943	0.923
	F	1.012	1.016	1.022	1.032	1.045	1.068	1.096
1.10	N	1.085	1.081	1.073	1.062	1.049	1.028	1.004
	F	1.115	1.120	1.129	1.141	1.158	1.187	1.225
1.20	N	1.182	1.176	1.167	1.153	1.137	1.111	1.082
	F	1.219	1.225	1.236	1.252	1.273	1.309	1.357
1.30	N	1.278	1.271	1.260	1.244	1.224	1.193	1.158
	F	1.323	1.331	1.343	1.363	1.389	1.434	1.494
1.50	N	1.469	1.460	1.444	1.422	1.395	1.352	1.306
	F	1.532	1.543	1.561	1.590	1.627	1.693	1.782
1.70	N	1.659	1.646	1.626	1.596	1.561	1.506	1.446
	F	1.743	1.758	1.783	1.821	1.872	1.964	2.090
2.00	N	1.941	1.923	1.894	1.852	1.803	1.727	1.645
	F	2.063	2.085	2.121	2.178	2.255	2.397	2.596
2.50	N	2.405	2.375	2.328	2.263	2.186	2.071	1.949
	F	2.604	2.641	2.702	2.801	2.935	3.194	3.578
3.00	N	2.860	2.816	2.749	2.655	2.547	2.387	2.222
	F	3.156	3.212	3.307	3.460	3.675	4.104	4.786
4.00	N	3.745	3.668	3.551	3.390	3.210	2.951	2.694
	F	4.294	4.403	4.590	4.903	5.365	6.378	8.288
5.00	N	4.600	4.482	4.305	4.065	3.803	3.437	3.087
	F	5.480	5.663	5.983	6.540	7.411	9.557	14.779
7.00	N	6.224	6.003	5.682	5.262	4.821	4.236	3.705
	F	8.008	8.415	9.162	10.579	13.140	22.218	141.679
10.00	N	8.463	8.053	7.476	6.754	6.031	5.128	4.358
	F	12.244	13.241	15.232	19.705	31.283	3679.277	INF
20.00	N	14.586	13.385	11.833	10.089	8.530	6.800	5.486
	F	31.981	40.022	67.142	INF	INF	INF	INF
INF	N	52.737	39.613	28.365	19.928	14.560	10.086	7.402
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

75mm

Metric

U		Apertures						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
0.70	N	0.697	0.696	0.695	0.692	0.690	0.685	0.680
	F	0.703	0.704	0.705	0.708	0.711	0.716	0.722
0.75	N	0.746	0.745	0.743	0.741	0.737	0.732	0.725
	F	0.754	0.755	0.757	0.760	0.763	0.770	0.777
0.80	N	0.796	0.794	0.792	0.789	0.785	0.778	0.770
	F	0.804	0.806	0.808	0.812	0.816	0.824	0.833
0.85	N	0.845	0.843	0.841	0.837	0.832	0.824	0.815
	F	0.855	0.857	0.860	0.864	0.869	0.878	0.889
0.90	N	0.894	0.892	0.889	0.885	0.879	0.870	0.860
	F	0.906	0.908	0.911	0.916	0.922	0.933	0.946
0.95	N	0.943	0.941	0.938	0.932	0.926	0.916	0.904
	F	0.957	0.959	0.963	0.968	0.976	0.988	1.003
1.00	N	0.992	0.990	0.986	0.980	0.973	0.961	0.948
	F	1.008	1.010	1.015	1.021	1.029	1.043	1.061
1.10	N	1.090	1.087	1.082	1.075	1.066	1.051	1.034
	F	1.110	1.113	1.119	1.127	1.137	1.155	1.178
1.20	N	1.188	1.184	1.178	1.169	1.158	1.140	1.119
	F	1.212	1.216	1.223	1.233	1.246	1.269	1.298
1.30	N	1.286	1.281	1.273	1.262	1.249	1.227	1.202
	F	1.315	1.320	1.328	1.341	1.357	1.384	1.420
1.50	N	1.480	1.473	1.463	1.448	1.429	1.399	1.366
	F	1.521	1.528	1.540	1.557	1.580	1.620	1.671
1.70	N	1.673	1.664	1.651	1.631	1.606	1.567	1.524
	F	1.728	1.737	1.753	1.777	1.808	1.862	1.933
2.00	N	1.961	1.949	1.929	1.901	1.866	1.812	1.752
	F	2.040	2.054	2.077	2.112	2.158	2.239	2.346
2.50	N	2.437	2.417	2.386	2.340	2.286	2.202	2.109
	F	2.566	2.589	2.627	2.686	2.764	2.905	3.098
3.00	N	2.908	2.878	2.832	2.767	2.689	2.570	2.441
	F	3.099	3.134	3.191	3.281	3.401	3.625	3.939
4.00	N	3.832	3.779	3.698	3.582	3.449	3.248	3.038
	F	4.185	4.250	4.360	4.537	4.780	5.252	5.966
5.00	N	4.735	4.653	4.527	4.352	4.153	3.860	3.561
	F	5.299	5.407	5.590	5.889	6.315	7.187	8.632
7.00	N	6.479	6.323	6.089	5.770	5.416	4.918	4.433
	F	7.615	7.846	8.247	8.934	9.979	12.417	17.645
10.00	N	8.954	8.654	8.214	7.633	7.017	6.190	5.430
	F	11.331	11.859	12.817	14.593	17.668	27.343	81.412
20.00	N	16.150	15.180	13.852	12.250	10.710	8.866	7.361
	F	26.306	29.409	36.271	55.914	175.005	INF	INF
INF	N	82.256	61.751	44.175	30.993	22.605	15.614	11.420
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Zoom 18-100mm

100mm

Metric

U		Apertures (T Stops)						
		T/3	T/4	T/5.6	T/8	T/11	T/16	T/22
0.70	N	0.698	0.698	0.697	0.695	0.694	0.691	0.688
	F	0.702	0.702	0.703	0.705	0.706	0.709	0.713
0.75	N	0.748	0.747	0.746	0.744	0.742	0.739	0.735
	F	0.752	0.753	0.754	0.756	0.758	0.761	0.766
0.80	N	0.798	0.797	0.795	0.793	0.791	0.787	0.782
	F	0.803	0.803	0.805	0.807	0.809	0.814	0.819
0.85	N	0.847	0.846	0.845	0.842	0.839	0.835	0.829
	F	0.853	0.854	0.856	0.858	0.861	0.866	0.872
0.90	N	0.897	0.895	0.894	0.891	0.888	0.882	0.876
	F	0.903	0.905	0.906	0.909	0.913	0.919	0.926
0.95	N	0.946	0.945	0.943	0.940	0.936	0.930	0.922
	F	0.954	0.955	0.957	0.961	0.965	0.972	0.980
1.00	N	0.996	0.994	0.992	0.988	0.984	0.977	0.968
	F	1.005	1.006	1.008	1.012	1.017	1.025	1.034
1.10	N	1.094	1.092	1.090	1.085	1.080	1.071	1.060
	F	1.106	1.108	1.111	1.115	1.121	1.131	1.144
1.20	N	1.193	1.191	1.187	1.182	1.175	1.164	1.151
	F	1.207	1.209	1.213	1.219	1.226	1.239	1.254
1.30	N	1.292	1.289	1.284	1.278	1.270	1.257	1.241
	F	1.309	1.311	1.316	1.323	1.332	1.347	1.366
1.50	N	1.488	1.484	1.478	1.469	1.458	1.440	1.419
	F	1.512	1.516	1.523	1.532	1.545	1.567	1.593
1.70	N	1.684	1.679	1.671	1.659	1.644	1.620	1.593
	F	1.716	1.721	1.730	1.743	1.760	1.789	1.826
2.00	N	1.978	1.970	1.959	1.942	1.921	1.887	1.848
	F	2.023	2.031	2.043	2.063	2.087	2.130	2.183
2.50	N	2.464	2.452	2.433	2.406	2.372	2.319	2.258
	F	2.537	2.550	2.571	2.603	2.644	2.715	2.807
3.00	N	2.947	2.929	2.902	2.862	2.813	2.737	2.651
	F	3.056	3.075	3.106	3.153	3.216	3.325	3.467
4.00	N	3.902	3.871	3.822	3.751	3.665	3.532	3.385
	F	4.103	4.138	4.197	4.287	4.407	4.622	4.912
5.00	N	4.846	4.796	4.720	4.610	4.479	4.278	4.061
	F	5.165	5.222	5.317	5.467	5.666	6.035	6.549
7.00	N	6.695	6.600	6.452	6.244	6.002	5.640	5.260
	F	7.335	7.454	7.653	7.974	8.415	9.274	10.577
10.00	N	9.380	9.191	8.903	8.505	8.056	7.407	6.757
	F	10.710	10.970	11.414	12.153	13.228	15.524	19.638
20.00	N	17.628	16.959	15.990	14.729	13.411	11.677	10.116
	F	23.120	24.391	26.747	31.290	39.753	72.628	37808.218
INF	N	146.041	109.587	78.341	54.907	39.994	27.567	20.110
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

25mm

Feet

U		Apertures						
Feet		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
5' 6"	N	4' 9.1"	4' 5.6"	4' 1.9"	3' 10"	3' 5.1"	3' 0.8"	2' 7.8"
	F	6' 7.2"	7' 4.8"	8' 9.6"	11' 8.9"	29' 8.8"	INF	INF
6' 0"	N	5' 1.3"	4' 9.1"	4' 4.8"	4' 0.4"	3' 6.8"	3' 2"	2' 8.6"
	F	7' 4.6"	8' 5.3"	10' 4.9"	15' 0.3"	76' 6.7"	INF	INF
6' 6"	N	5' 5.3"	5' 0.5"	4' 7.5"	4' 2.5"	3' 8.4"	3' 3.1"	2' 9.3"
	F	8' 2.6"	9' 7.2"	12' 3.8"	19' 8.4"	INF	INF	INF
7' 0"	N	5' 9.1"	5' 3.6"	4' 10"	4' 4.5"	3' 9.8"	3' 4.1"	2' 9.9"
	F	9' 1.2"	10' 10.4"	14' 7.4"	26' 10.6"	INF	INF	INF
8' 0"	N	6' 4.5"	5' 9.6"	5' 2.7"	4' 8.2"	4' 0.3"	3' 5.9"	2' 11"
	F	11' 0.2"	13' 10.3"	21' 0.1"	66' 3.4"	INF	INF	INF
9' 0"	N	6' 11.4"	6' 3.1"	5' 7"	4' 11.3"	4' 2.4"	3' 7.3"	2' 11.9"
	F	13' 2.2"	17' 7.7"	31' 10.6"	INF	INF	INF	INF
10' 0"	N	7' 5.9"	6' 8.1"	5' 10.8"	5' 2.1"	4' 4.3"	3' 8.5"	3' 0.6"
	F	15' 7.7"	22' 6.9"	54' 5.8"	INF	INF	INF	INF
12' 0"	N	8' 5.7"	7' 5"	6' 5.3"	5' 6.9"	4' 7.3"	3' 10.5"	3' 1.7"
	F	21' 8.9"	38' 11.3"	INF	INF	INF	INF	INF
15' 0"	N	9' 9.1"	8' 4.2"	7' 1.2"	6' 0.4"	4' 10.7"	4' 0.6"	3' 2.9"
	F	35' 7.6"	142' 2.8"	INF	INF	INF	INF	INF
20' 0"	N	11' 6"	9' 6.5"	7' 10.8"	6' 6.8"	5' 2.5"	4' 3"	3' 4.2"
	F	98' 11.5"	INF	INF	INF	INF	INF	INF
30' 0"	N	13' 12"	11' 1.5"	8' 10.9"	7' 2.5"	5' 6.8"	4' 5.5"	3' 5.5"
	F	INF	INF	INF	INF	INF	INF	INF
60' 0"	N	17' 10.5"	13' 4"	10' 2.4"	7' 11.8"	5' 11.7"	4' 8.3"	3' 6.9"
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	24' 8.3"	16' 7.7"	11' 11.2"	8' 11.3"	6' 5.4"	4' 11.4"	3' 8.5"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

32mm

Feet

U		Apertures						
Feet		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
5' 6"	N	5' 0"	4' 9.5"	4' 6.6"	4' 3.4"	3' 11"	3' 6.9"	3' 1.8"
	F	6' 1.6"	6' 6.4"	7' 1.6"	8' 1"	10' 6.6"	17' 3.5"	INF
6' 0"	N	5' 4.8"	5' 1.7"	4' 10.3"	4' 6.6"	4' 1.6"	3' 8.9"	3' 3.2"
	F	6' 9.5"	7' 3.5"	8' 0.9"	9' 4.5"	13' 0.1"	25' 10.6"	INF
6' 6"	N	5' 9.4"	5' 5.8"	5' 1.8"	4' 9.6"	4' 3.9"	3' 10.7"	3' 4.4"
	F	7' 5.6"	8' 1.2"	9' 1.2"	10' 10"	16' 2.6"	44' 9.3"	INF
7' 0"	N	6' 1.9"	5' 9.8"	5' 5.2"	5' 0.4"	4' 6.1"	4' 0.4"	3' 5.6"
	F	8' 1.9"	8' 11.3"	10' 2.6"	12' 6.1"	20' 7"	120' 1.4"	INF
8' 0"	N	6' 10.7"	6' 5.3"	5' 11.6"	5' 5.7"	4' 10.1"	4' 3.3"	3' 7.5"
	F	9' 7.4"	10' 9.2"	12' 9"	16' 8.5"	36' 7.6"	INF	INF
9' 0"	N	7' 7.1"	7' 0.5"	6' 5.5"	5' 10.5"	5' 1.6"	4' 5.9"	3' 9.2"
	F	11' 2"	12' 9.6"	15' 9.6"	22' 7.7"	93' 5.8"	INF	INF
10' 0"	N	8' 3.1"	7' 7.2"	6' 11"	6' 2.9"	5' 4.8"	4' 8.1"	3' 10.6"
	F	12' 9.9"	15' 1"	19' 6.5"	31' 7.5"	INF	INF	INF
12' 0"	N	9' 6.2"	8' 7.5"	7' 8.9"	6' 10.5"	5' 10.1"	4' 11.9"	4' 0.9"
	F	16' 5.9"	20' 7"	30' 4.2"	78' 4.6"	INF	INF	INF
15' 0"	N	11' 2.7"	9' 11.7"	8' 9.3"	7' 7.9"	6' 4.4"	5' 4.1"	4' 3.5"
	F	23' 1.4"	32' 5.3"	68' 0.1"	INF	INF	INF	INF
20' 0"	N	13' 8.2"	11' 9.9"	10' 1.6"	8' 7.6"	6' 11.9"	5' 9"	4' 6.3"
	F	38' 7.7"	76' 6.7"	INF	INF	INF	INF	INF
30' 0"	N	17' 6.2"	14' 6.2"	11' 11.9"	9' 10.8"	7' 9"	6' 2.7"	4' 9.4"
	F	117' 9.5"	INF	INF	INF	INF	INF	INF
60' 0"	N	24' 3.9"	18' 9.4"	14' 8"	11' 7.1"	8' 8.3"	6' 9.3"	5' 0.8"
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	39' 9.4"	26' 7.1"	18' 10.6"	13' 11.7"	9' 10.7"	7' 5.3"	5' 4.8"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

40mm

Feet

U		Apertures						
Feet		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
5' 6"	N	5' 1.9"	4' 12"	4' 9.8"	4' 7.3"	4' 3.7"	4' 0"	3' 7.2"
	F	5' 10.8"	6' 1.6"	6' 5.6"	6' 11.3"	7' 11.2"	9' 7.9"	15' 7.9"
6' 0"	N	5' 7"	5' 4.7"	5' 2.1"	4' 11.2"	4' 7"	4' 2.7"	3' 9.2"
	F	6' 6"	6' 9.5"	7' 2.5"	7' 9.8"	9' 1.8"	11' 7.2"	22' 0.5"
6' 6"	N	6' 0.1"	5' 9.4"	5' 6.3"	5' 2.9"	4' 10.1"	4' 5.3"	3' 11.1"
	F	7' 1.2"	7' 5.5"	7' 11.8"	8' 9.1"	10' 6.1"	13' 11.8"	33' 8.1"
7' 0"	N	6' 5"	6' 1.9"	5' 10.4"	5' 6.5"	5' 1"	4' 7.7"	4' 0.9"
	F	7' 8.6"	8' 1.8"	8' 9.5"	9' 9.1"	12' 0.5"	16' 11.8"	61' 7.1"
8' 0"	N	7' 2.7"	6' 10.7"	6' 6.2"	6' 1.3"	5' 6.5"	5' 0.1"	4' 4.1"
	F	8' 11.8"	9' 7.2"	10' 6.3"	11' 12"	15' 9.5"	26' 0.7"	INF
9' 0"	N	8' 0.2"	7' 7.2"	7' 1.6"	6' 7.6"	5' 11.5"	5' 4"	4' 6.8"
	F	10' 3.6"	11' 1.6"	12' 5.2"	14' 7.3"	20' 10.2"	44' 7.8"	INF
10' 0"	N	8' 9.4"	8' 3.3"	7' 8.6"	7' 1.5"	6' 4.1"	5' 7.5"	4' 9.2"
	F	11' 7.9"	12' 9.3"	14' 6.6"	17' 8.2"	28' 0.5"	104' 3"	INF
12' 0"	N	10' 2.9"	9' 6.5"	8' 9.5"	8' 0.2"	7' 0.2"	6' 1.5"	5' 1.2"
	F	14' 6.7"	16' 4.6"	19' 6.4"	25' 10.3"	58' 2.2"	INF	INF
15' 0"	N	12' 3.6"	11' 3.3"	10' 2.6"	9' 1.9"	7' 10.1"	6' 8.7"	5' 5.9"
	F	19' 4.4"	22' 10.3"	29' 8.6"	48' 1.6"	INF	INF	INF
20' 0"	N	15' 4.5"	13' 9.2"	12' 2.2"	10' 8.2"	8' 10.8"	7' 5.5"	5' 11.2"
	F	28' 11.3"	37' 9.4"	62' 1.8"	349' 2.3"	INF	INF	INF
30' 0"	N	20' 6"	17' 8.2"	15' 1.2"	12' 9.7"	10' 3.3"	8' 4.3"	6' 5.5"
	F	57' 2.4"	108' 11.5"	INF	INF	INF	INF	INF
60' 0"	N	30' 9.2"	24' 8.5"	19' 10.1"	15' 11.8"	12' 1.8"	9' 6.2"	7' 1"
	F	2481' 9.3"	INF	INF	INF	INF	INF	INF
INF	N	61' 7"	40' 11.6"	28' 11"	21' 3.1"	14' 10.4"	11' 0.5"	7' 10.1"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

50mm

Feet

U		Apertures						
Feet		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
5' 6"	N	5' 3.2"	5' 1.8"	5' 0.2"	4' 10.3"	4' 7.5"	4' 4.5"	4' 0.3"
	F	5' 9.1"	5' 10.9"	6' 1.2"	6' 4.4"	6' 10.6"	7' 7.6"	9' 4.6"
6' 0"	N	5' 8.6"	5' 7"	5' 5"	5' 2.8"	4' 11.5"	4' 8"	4' 3.1"
	F	6' 3.8"	6' 6"	6' 8.9"	7' 1"	7' 8.8"	8' 8.6"	11' 1.9"
6' 6"	N	6' 1.9"	6' 0"	5' 9.8"	5' 7.2"	5' 3.3"	4' 11.3"	4' 5.7"
	F	6' 10.6"	7' 1.2"	7' 4.8"	7' 9.8"	8' 7.6"	9' 10.9"	13' 3.4"
7' 0"	N	6' 7.2"	6' 5"	6' 2.4"	5' 11.4"	5' 7"	5' 2.4"	4' 8.2"
	F	7' 5.5"	7' 8.6"	8' 0.9"	8' 7"	9' 7.2"	11' 2.7"	15' 10.4"
8' 0"	N	7' 5.7"	7' 2.8"	6' 11.4"	6' 7.5"	6' 1.9"	5' 8.3"	5' 0.8"
	F	8' 7.4"	8' 11.7"	9' 5.8"	10' 2.5"	11' 8.6"	14' 4"	23' 2.9"
9' 0"	N	8' 3.9"	8' 0.2"	7' 8"	7' 3.3"	6' 8.5"	6' 1.7"	5' 4.9"
	F	9' 9.7"	10' 3.4"	10' 11.6"	11' 11.6"	14' 1.9"	18' 3.1"	36' 4.8"
10' 0"	N	9' 1.9"	8' 9.5"	8' 4.3"	7' 10.6"	7' 2.6"	6' 6.7"	5' 8.6"
	F	11' 0.3"	11' 7.7"	12' 6.4"	13' 10.6"	16' 11.8"	23' 4.6"	66' 7.5"
12' 0"	N	10' 9.5"	10' 3.2"	9' 8.1"	9' 0.3"	8' 1.7"	7' 3.6"	6' 3"
	F	13' 6.5"	14' 6.1"	15' 11.6"	18' 3.4"	24' 3"	40' 5.1"	INF
15' 0"	N	13' 1.4"	12' 4"	11' 5.6"	10' 6.7"	9' 4.1"	8' 2.7"	6' 10.7"
	F	17' 6.7"	19' 3.2"	21' 11.9"	26' 9.2"	42' 4.7"	149' 4.2"	INF
20' 0"	N	16' 8.7"	15' 5.3"	14' 1.1"	12' 8.5"	10' 11.4"	9' 5.1"	7' 8.2"
	F	24' 11.5"	28' 7.8"	35' 3.6"	49' 11.5"	168' 7.1"	INF	INF
30' 0"	N	23' 0.9"	20' 7.8"	18' 3"	15' 11.5"	13' 2.8"	11' 0.3"	8' 8.2"
	F	43' 1.8"	55' 10.5"	89' 6.3"	374' 8"	INF	INF	INF
60' 0"	N	37' 2.2"	31' 2"	25' 10.9"	21' 5.3"	16' 8.6"	13' 3.4"	9' 11.6"
	F	159' 2.6"	1129' 5.4"	INF	INF	INF	INF	INF
INF	N	95' 8"	63' 5.5"	44' 7.7"	32' 8"	22' 8.2"	16' 8.4"	11' 8.5"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

60mm

Feet

U		Apertures						
Feet		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
5' 6"	N	5' 3.9"	5' 2.9"	5' 1.7"	5' 0.3"	4' 10"	4' 7.5"	4' 3.9"
	F	5' 8.2"	5' 9.4"	5' 11"	6' 1.2"	6' 5"	6' 10.3"	7' 9.2"
6' 0"	N	5' 9.5"	5' 8.3"	5' 6.8"	5' 5.1"	5' 2.4"	4' 11.5"	4' 7.4"
	F	6' 2.7"	6' 4.2"	6' 6.2"	6' 8.8"	7' 1.6"	7' 8.4"	8' 10.6"
6' 6"	N	6' 3"	6' 1.6"	5' 11.9"	5' 9.9"	5' 6.7"	5' 3.4"	4' 10.6"
	F	6' 9.2"	6' 11"	7' 1.4"	7' 4.6"	7' 10.6"	8' 7"	10' 1.4"
7' 0"	N	6' 8.5"	6' 6.9"	6' 4.9"	6' 2.5"	5' 10.9"	5' 7.1"	5' 1.7"
	F	7' 3.8"	7' 5.9"	7' 8.8"	8' 0.6"	8' 7.9"	9' 6.3"	11' 5.8"
8' 0"	N	7' 7.4"	7' 5.2"	7' 2.6"	6' 11.6"	6' 7"	6' 2.2"	5' 7.5"
	F	8' 5.1"	8' 8"	8' 11.9"	9' 5.3"	10' 3.6"	11' 7"	14' 8.5"
9' 0"	N	8' 6.1"	8' 3.3"	8' 0.1"	7' 8.3"	7' 2.7"	6' 8.9"	6' 0.9"
	F	9' 6.7"	9' 10.5"	10' 3.6"	10' 10.9"	12' 1.1"	13' 11.2"	18' 9.8"
10' 0"	N	9' 4.7"	9' 1.3"	8' 9.3"	8' 4.7"	7' 10"	7' 3.1"	6' 5.8"
	F	10' 8.4"	11' 1.3"	11' 7.9"	12' 5.4"	14' 0.5"	16' 7.6"	24' 2.9"
12' 0"	N	11' 1.4"	10' 8.6"	10' 3"	9' 8.7"	8' 11.6"	8' 2.5"	7' 2.5"
	F	13' 0.6"	13' 8"	14' 6.4"	15' 9.7"	18' 6.3"	23' 5.3"	42' 8.9"
15' 0"	N	13' 7.4"	13' 0.1"	12' 3.8"	11' 6.6"	10' 5.7"	9' 5.3"	8' 1.5"
	F	16' 8.5"	17' 9.1"	19' 3.4"	21' 7.7"	27' 2.7"	39' 8.5"	180' 4.9"
20' 0"	N	17' 7"	16' 6.7"	15' 5.2"	14' 2.7"	12' 7.3"	11' 1.3"	9' 3.6"
	F	23' 2.7"	25' 4.1"	28' 7.9"	34' 3.7"	51' 4.1"	129' 8.9"	INF
30' 0"	N	24' 9.4"	22' 9.2"	20' 7.8"	18' 6.2"	15' 9.9"	13' 5.9"	10' 10.5"
	F	38' 1.1"	44' 3.2"	55' 9"	82' 9"	449' 3.3"	INF	INF
60' 0"	N	41' 11.9"	36' 5"	31' 2.6"	26' 6.1"	21' 2.8"	17' 2.2"	13' 1.2"
	F	105' 9.6"	174' 9.7"	1019' 5.3"	INF	INF	INF	INF
INF	N	137' 4.4"	90' 11.8"	63' 10.6"	46' 7.6"	32' 3.2"	23' 7.7"	16' 5.5"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

75mm

Feet

U		Apertures						
Feet		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
5' 6"	N	5' 4.6"	5' 3.9"	5' 3"	5' 2"	5' 0.4"	4' 10.5"	4' 7.7"
	F	5' 7.5"	5' 8.3"	5' 9.3"	5' 10.6"	6' 1"	6' 4"	6' 9.8"
6' 0"	N	5' 10.3"	5' 9.5"	5' 8.4"	5' 7.2"	5' 5.2"	5' 3.1"	4' 11.8"
	F	6' 1.8"	6' 2.7"	6' 4"	6' 5.6"	6' 8.5"	7' 0.3"	7' 7.6"
6' 6"	N	6' 4"	6' 3"	6' 1.8"	6' 0.3"	5' 10.1"	5' 7.5"	5' 3.7"
	F	6' 8.1"	6' 9.3"	6' 10.8"	7' 0.7"	7' 4.2"	7' 8.9"	8' 5.9"
7' 0"	N	6' 9.6"	6' 8.5"	6' 7.1"	6' 5.4"	6' 2.8"	5' 11.8"	5' 7.5"
	F	7' 2.5"	7' 3.9"	7' 5.6"	7' 7.9"	8' 0.1"	8' 5.7"	9' 4.8"
8' 0"	N	7' 8.9"	7' 7.4"	7' 5.5"	7' 3.4"	6' 12"	6' 8.2"	6' 2.8"
	F	8' 3.3"	8' 5.2"	8' 7.5"	8' 10.7"	9' 4.5"	10' 0.4"	11' 4.4"
9' 0"	N	8' 8"	8' 6.1"	8' 3.8"	8' 1.1"	7' 8.8"	7' 4.2"	6' 9.6"
	F	9' 4.3"	9' 6.7"	9' 9.8"	10' 2"	10' 9.7"	11' 8.4"	13' 7.1"
10' 0"	N	9' 7.1"	9' 4.7"	9' 1.9"	8' 10.5"	8' 5.4"	7' 11.9"	7' 4"
	F	10' 5.4"	10' 8.4"	11' 0.3"	11' 5.7"	12' 3.7"	13' 5.9"	16' 1.3"
12' 0"	N	11' 4.9"	11' 1.5"	10' 9.5"	10' 4.8"	9' 9.7"	9' 2.2"	8' 3.8"
	F	12' 8"	13' 0.4"	13' 6.5"	14' 2.7"	15' 6.6"	17' 6.3"	22' 3.6"
15' 0"	N	14' 0.8"	13' 7.6"	13' 1.5"	12' 6.5"	11' 8.2"	10' 9.6"	9' 7.3"
	F	16' 0.8"	16' 8.2"	17' 6.3"	18' 8.6"	21' 1.5"	25' 0.1"	36' 2.9"
20' 0"	N	18' 4.3"	17' 7.4"	16' 9.2"	15' 9.8"	14' 5.4"	13' 1.3"	11' 4.4"
	F	21' 11.7"	23' 1.9"	24' 10.1"	27' 4.2"	32' 10.8"	43' 7.4"	96' 7.7"
30' 0"	N	26' 4.9"	24' 10.6"	23' 2.3"	21' 4.6"	18' 11.3"	16' 8"	13' 11"
	F	34' 9.1"	37' 10.2"	42' 7.9"	50' 9"	74' 4.9"	170' 6.1"	INF
60' 0"	N	47' 0.2"	42' 3.9"	37' 7.3"	33' 0.2"	27' 5.6"	22' 10.6"	17' 11.3"
	F	83' 0.7"	103' 7"	150' 9.5"	352' 1.1"	INF	INF	INF
INF	N	214' 2"	141' 8.2"	99' 4.1"	72' 4.8"	49' 11.3"	36' 5.7"	25' 2.9"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

100mm

Feet

U		Apertures						
Feet		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
5' 6"	N	5' 5.1"	5' 4.7"	5' 4.2"	5' 3.5"	5' 2.5"	5' 1.2"	4' 11.3"
	F	5' 6.9"	5' 7.3"	5' 7.9"	5' 8.7"	5' 10"	5' 11.6"	6' 2.6"
6' 0"	N	5' 11"	5' 10.5"	5' 9.8"	5' 9"	5' 7.8"	5' 6.3"	5' 4.1"
	F	6' 1.1"	6' 1.6"	6' 2.3"	6' 3.2"	6' 4.8"	6' 6.8"	6' 10.4"
6' 6"	N	6' 4.8"	6' 4.2"	6' 3.4"	6' 2.5"	6' 1"	5' 11.3"	5' 8.7"
	F	6' 7.3"	6' 7.9"	6' 8.8"	6' 9.9"	6' 11.7"	7' 2.1"	7' 6.5"
7' 0"	N	6' 10.6"	6' 9.9"	6' 9"	6' 7.9"	6' 6.2"	6' 4.3"	6' 1.3"
	F	7' 1.5"	7' 2.2"	7' 3.2"	7' 4.5"	7' 6.8"	7' 9.6"	8' 2.8"
8' 0"	N	7' 10.1"	7' 9.2"	7' 8.1"	7' 6.7"	7' 4.5"	7' 2"	6' 10.1"
	F	8' 1.9"	8' 3"	8' 4.3"	8' 6"	8' 9"	9' 0.9"	9' 8"
9' 0"	N	8' 9.6"	8' 8.5"	8' 7"	8' 5.3"	8' 2.5"	7' 11.4"	7' 6.6"
	F	9' 2.5"	9' 3.8"	9' 5.5"	9' 7.7"	9' 11.6"	10' 4.7"	11' 2.3"
10' 0"	N	9' 9.1"	9' 7.6"	9' 5.8"	9' 3.7"	9' 0.3"	8' 8.5"	8' 2.8"
	F	10' 3.1"	10' 4.7"	10' 6.9"	10' 9.7"	11' 2.7"	11' 9.2"	12' 9.6"
12' 0"	N	11' 7.8"	11' 5.7"	11' 3.2"	11' 0.1"	10' 7.4"	10' 2.1"	9' 6.3"
	F	12' 4.5"	12' 6.9"	12' 10.1"	13' 2.3"	13' 9.8"	14' 7.9"	16' 3.8"
15' 0"	N	14' 5.4"	14' 2.2"	13' 10.3"	13' 5.7"	12' 10.6"	12' 2.8"	11' 3.6"
	F	15' 7.2"	15' 11.1"	16' 4.3"	16' 11.2"	17' 11.8"	19' 5.4"	22' 6.1"
20' 0"	N	19' 0.3"	18' 6.7"	18' 0"	17' 4.3"	16' 4.5"	15' 4.1"	13' 10.6"
	F	21' 1"	21' 8.3"	22' 6.1"	23' 7.5"	25' 9"	28' 10.6"	36' 3.3"
30' 0"	N	27' 10.1"	26' 10.2"	25' 8.3"	24' 4.6"	22' 5.7"	20' 6.7"	18' 0.1"
	F	32' 6.4"	34' 0.1"	36' 0.9"	39' 0.7"	45' 3.6"	56' 1.1"	93' 4"
60' 0"	N	51' 10.5"	48' 6.1"	44' 10.1"	40' 11.6"	35' 9.9"	31' 1.8"	25' 7.2"
	F	71' 2"	78' 8.4"	90' 10.4"	112' 8"	188' 0.5"	965' 10"	INF
INF	N	380' 2"	251' 3.8"	176' 0.5"	128' 1.7"	88' 2.7"	64' 3.3"	44' 3.7"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

150mm

Feet

U		Apertures						
Feet		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
5' 6"	N	5' 5.6"	5' 5.4"	5' 5.1"	5' 4.8"	5' 4.2"	5' 3.6"	5' 2.5"
	F	5' 6.4"	5' 6.7"	5' 6.9"	5' 7.3"	5' 7.9"	5' 8.6"	5' 9.9"
6' 0"	N	5' 11.5"	5' 11.2"	5' 10.9"	5' 10.5"	5' 9.9"	5' 9.1"	5' 7.9"
	F	6' 0.5"	6' 0.8"	6' 1.1"	6' 1.5"	6' 2.3"	6' 3.2"	6' 4.7"
6' 6"	N	6' 5.4"	6' 5.1"	6' 4.7"	6' 4.3"	6' 3.5"	6' 2.6"	6' 1.2"
	F	6' 6.6"	6' 6.9"	6' 7.3"	6' 7.8"	6' 8.7"	6' 9.7"	6' 11.5"
7' 0"	N	6' 11.3"	6' 11"	6' 10.5"	6' 10"	6' 9.1"	6' 8.1"	6' 6.4"
	F	7' 0.7"	7' 1.1"	7' 1.5"	7' 2.1"	7' 3.1"	7' 4.3"	7' 6.4"
8' 0"	N	7' 11.1"	7' 10.7"	7' 10.1"	7' 9.4"	7' 8.3"	7' 6.9"	7' 4.8"
	F	8' 0.9"	8' 1.4"	8' 2"	8' 2.8"	8' 4.1"	8' 5.7"	8' 8.5"
9' 0"	N	8' 10.9"	8' 10.3"	8' 9.6"	8' 8.7"	8' 7.3"	8' 5.6"	8' 3"
	F	9' 1.2"	9' 1.8"	9' 2.5"	9' 3.5"	9' 5.2"	9' 7.3"	9' 10.9"
10' 0"	N	9' 10.6"	9' 9.9"	9' 9"	9' 7.9"	9' 6.2"	9' 4.2"	9' 0.9"
	F	10' 1.4"	10' 2.2"	10' 3.1"	10' 4.4"	10' 6.4"	10' 9"	11' 1.6"
12' 0"	N	11' 10"	11' 9"	11' 7.7"	11' 6.2"	11' 3.7"	11' 0.9"	10' 8.4"
	F	12' 2.1"	12' 3.1"	12' 4.5"	12' 6.3"	12' 9.4"	13' 1.2"	13' 8.1"
15' 0"	N	14' 8.9"	14' 7.3"	14' 5.4"	14' 3"	13' 11.3"	13' 6.9"	13' 0.2"
	F	15' 3.2"	15' 4.9"	15' 7.1"	15' 10"	16' 2.9"	16' 9.1"	17' 8.5"
20' 0"	N	19' 6.5"	19' 3.8"	19' 0.4"	18' 8.3"	18' 1.9"	17' 6.6"	16' 7.5"
	F	20' 5.8"	20' 8.9"	21' 0.9"	21' 6"	22' 3.2"	23' 3"	25' 1.4"
30' 0"	N	28' 11.8"	28' 5.8"	27' 10.5"	27' 1.9"	26' 0.5"	24' 9.7"	23' 0.1"
	F	31' 1.1"	31' 8.3"	32' 5.7"	33' 6.1"	35' 4.7"	37' 11.5"	43' 2.1"
60' 0"	N	56' 0.7"	54' 2.8"	52' 1"	49' 7.6"	46' 0.2"	42' 3.9"	37' 4"
	F	64' 6.5"	67' 1.8"	70' 9.2"	75' 10.5"	86' 3.2"	103' 2.8"	153' 7.8"
INF	N	854' 8.1"	564' 9.1"	395' 4.7"	287' 7.3"	197' 9.5"	143' 10.8"	98' 11.9"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

200mm

Feet

U		Apertures						
Feet		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
5' 6"	N	5' 5.7"	5' 5.6"	5' 5.5"	5' 5.3"	5' 4.9"	5' 4.5"	5' 3.9"
	F	5' 6.3"	5' 6.4"	5' 6.6"	5' 6.8"	5' 7.1"	5' 7.5"	5' 8.3"
6' 0"	N	5' 11.7"	5' 11.5"	5' 11.4"	5' 11.1"	5' 10.7"	5' 10.3"	5' 9.5"
	F	6' 0.3"	6' 0.5"	6' 0.7"	6' 0.9"	6' 1.3"	6' 1.8"	6' 2.7"
6' 6"	N	6' 5.6"	6' 5.5"	6' 5.2"	6' 5"	6' 4.5"	6' 4"	6' 3.1"
	F	6' 6.4"	6' 6.5"	6' 6.8"	6' 7.1"	6' 7.6"	6' 8.2"	6' 9.2"
7' 0"	N	6' 11.6"	6' 11.4"	6' 11.1"	6' 10.8"	6' 10.3"	6' 9.6"	6' 8.6"
	F	7' 0.4"	7' 0.6"	7' 0.9"	7' 1.2"	7' 1.8"	7' 2.5"	7' 3.7"
8' 0"	N	7' 11.5"	7' 11.2"	7' 10.9"	7' 10.4"	7' 9.8"	7' 8.9"	7' 7.6"
	F	8' 0.5"	8' 0.8"	8' 1.2"	8' 1.6"	8' 2.4"	8' 3.3"	8' 4.8"
9' 0"	N	8' 11.3"	8' 11"	8' 10.6"	8' 10"	8' 9.2"	8' 8.2"	8' 6.5"
	F	9' 0.7"	9' 1"	9' 1.5"	9' 2"	9' 3"	9' 4.1"	9' 6.1"
10' 0"	N	9' 11.2"	9' 10.8"	9' 10.2"	9' 9.6"	9' 8.5"	9' 7.3"	9' 5.3"
	F	10' 0.8"	10' 1.3"	10' 1.8"	10' 2.5"	10' 3.7"	10' 5.1"	10' 7.6"
12' 0"	N	11' 10.8"	11' 10.2"	11' 9.5"	11' 8.6"	11' 7.1"	11' 5.3"	11' 2.5"
	F	12' 1.2"	12' 1.8"	12' 2.6"	12' 3.6"	12' 5.3"	12' 7.4"	12' 11"
15' 0"	N	14' 10.2"	14' 9.3"	14' 8.1"	14' 6.7"	14' 4.4"	14' 1.7"	13' 9.4"
	F	15' 1.9"	15' 2.8"	15' 4"	15' 5.6"	15' 8.3"	15' 11.6"	16' 5.4"
20' 0"	N	19' 8.8"	19' 7.2"	19' 5.2"	19' 2.8"	18' 10.8"	18' 6.2"	17' 11"
	F	20' 3.3"	20' 5"	20' 7.2"	20' 10"	21' 2.9"	21' 8.9"	22' 7.7"
30' 0"	N	29' 4.9"	29' 1.4"	28' 9"	28' 3.7"	27' 7.3"	26' 9.6"	25' 6.8"
	F	30' 7.4"	30' 11.3"	31' 4.3"	31' 10.8"	32' 10.2"	34' 0.8"	36' 3.7"
60' 0"	N	57' 8.4"	56' 7.1"	55' 2.9"	53' 7.8"	51' 2.2"	48' 6.2"	44' 7.6"
	F	62' 5.9"	63' 10.2"	65' 7.9"	68' 0.7"	72' 5.9"	78' 7.5"	91' 6.6"
INF	N	1519' 1.8"	1003' 9"	702' 7.7"	511' 0.4"	351' 4.3"	255' 6.6"	175' 8.6"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

250mm

Feet

U		Apertures						
Feet		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
5' 6"	N	5' 5.8"	5' 5.7"	5' 5.6"	5' 5.5"	5' 5.3"	5' 5"	5' 4.6"
	F	5' 6.2"	5' 6.3"	5' 6.4"	5' 6.5"	5' 6.7"	5' 7"	5' 7.5"
6' 0"	N	5' 11.8"	5' 11.7"	5' 11.6"	5' 11.4"	5' 11.1"	5' 10.8"	5' 10.3"
	F	6' 0.2"	6' 0.3"	6' 0.4"	6' 0.6"	6' 0.9"	6' 1.2"	6' 1.8"
6' 6"	N	6' 5.8"	6' 5.6"	6' 5.5"	6' 5.3"	6' 5"	6' 4.6"	6' 4"
	F	6' 6.2"	6' 6.4"	6' 6.5"	6' 6.7"	6' 7"	6' 7.4"	6' 8.1"
7' 0"	N	6' 11.7"	6' 11.6"	6' 11.4"	6' 11.2"	6' 10.8"	6' 10.4"	6' 9.7"
	F	7' 0.3"	7' 0.4"	7' 0.6"	7' 0.8"	7' 1.2"	7' 1.7"	7' 2.4"
8' 0"	N	7' 11.6"	7' 11.5"	7' 11.2"	7' 11"	7' 10.5"	7' 9.9"	7' 9"
	F	8' 0.4"	8' 0.5"	8' 0.8"	8' 1.1"	8' 1.6"	8' 2.1"	8' 3.2"
9' 0"	N	8' 11.6"	8' 11.3"	8' 11"	8' 10.7"	8' 10.1"	8' 9.4"	8' 8.3"
	F	9' 0.4"	9' 0.7"	9' 1"	9' 1.3"	9' 2"	9' 2.7"	9' 4"
10' 0"	N	9' 11.5"	9' 11.2"	9' 10.8"	9' 10.4"	9' 9.7"	9' 8.8"	9' 7.5"
	F	10' 0.5"	10' 0.8"	10' 1.2"	10' 1.6"	10' 2.4"	10' 3.3"	10' 4.9"
12' 0"	N	11' 11.2"	11' 10.8"	11' 10.3"	11' 9.7"	11' 8.7"	11' 7.5"	11' 5.6"
	F	12' 0.8"	12' 1.2"	12' 1.7"	12' 2.3"	12' 3.4"	12' 4.8"	12' 7"
15' 0"	N	14' 10.8"	14' 10.2"	14' 9.4"	14' 8.5"	14' 7"	14' 5.1"	14' 2.2"
	F	15' 1.2"	15' 1.8"	15' 2.6"	15' 3.6"	15' 5.3"	15' 7.4"	15' 11"
20' 0"	N	19' 9.9"	19' 8.9"	19' 7.5"	19' 5.9"	19' 3.2"	19' 0.1"	18' 7.1"
	F	20' 2.1"	20' 3.2"	20' 4.6"	20' 6.4"	20' 9.5"	21' 1.2"	21' 7.7"
30' 0"	N	29' 7.4"	29' 5.1"	29' 2.2"	28' 10.6"	28' 4.8"	27' 10.2"	26' 11.6"
	F	30' 4.7"	30' 7.2"	30' 10.4"	31' 2.5"	31' 9.4"	32' 6.2"	33' 9.6"
60' 0"	N	58' 6"	57' 9.1"	56' 10.2"	55' 9"	54' 0.1"	52' 0.7"	49' 1.3"
	F	61' 7"	62' 5.1"	63' 6.3"	64' 11.4"	67' 5.8"	70' 9.6"	77' 1.2"
INF	N	2373' 6.3"	1568' 2.5"	1097' 8.8"	798' 4.1"	548' 10.1"	399' 1.8"	274' 4.8"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

25mm

Metric

U		Apertures						
		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
1.70	N	1.467	1.375	1.278	1.178	1.051	0.939	0.811
	F	2.048	2.302	2.754	3.715	10.089	INF	INF
1.80	N	1.536	1.434	1.326	1.217	1.079	0.960	0.825
	F	2.205	2.512	3.074	4.365	18.262	INF	INF
1.90	N	1.604	1.491	1.373	1.254	1.106	0.979	0.837
	F	2.369	2.734	3.432	5.178	66.968	INF	INF
2.00	N	1.670	1.546	1.417	1.290	1.131	0.997	0.848
	F	2.538	2.971	3.834	6.222	INF	INF	INF
2.20	N	1.798	1.651	1.502	1.356	1.177	1.029	0.869
	F	2.895	3.495	4.809	9.563	INF	INF	INF
2.50	N	1.979	1.797	1.616	1.444	1.238	1.071	0.894
	F	3.486	4.435	6.928	27.062	INF	INF	INF
2.70	N	2.094	1.888	1.686	1.496	1.273	1.095	0.908
	F	3.920	5.196	9.114	8772.531	INF	INF	INF
3.00	N	2.258	2.015	1.783	1.568	1.320	1.126	0.927
	F	4.644	6.615	15.068	INF	INF	INF	INF
3.50	N	2.509	2.206	1.924	1.670	1.386	1.169	0.952
	F	6.092	10.203	95.151	INF	INF	INF	INF
4.00	N	2.738	2.374	2.045	1.755	1.440	1.204	0.971
	F	7.953	17.218	INF	INF	INF	INF	INF
5.00	N	3.138	2.658	2.242	1.891	1.522	1.255	0.999
	F	13.907	478.109	INF	INF	INF	INF	INF
7.00	N	3.766	3.077	2.519	2.073	1.627	1.319	1.033
	F	97.029	INF	INF	INF	INF	INF	INF
10.00	N	4.431	3.489	2.776	2.234	1.716	1.371	1.060
	F	INF	INF	INF	INF	INF	INF	INF
20.00	N	5.579	4.135	3.149	2.456	1.832	1.437	1.093
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	7.527	5.072	3.638	2.726	1.965	1.509	1.129
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

32mm

Metric

U		Apertures						
Metres		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
1.70	N	1.544	1.476	1.401	1.318	1.205	1.098	0.965
	F	1.900	2.026	2.216	2.522	3.319	5.579	INF
1.80	N	1.623	1.547	1.462	1.371	1.247	1.131	0.988
	F	2.031	2.179	2.406	2.778	3.809	7.255	INF
1.90	N	1.701	1.616	1.523	1.423	1.287	1.162	1.010
	F	2.164	2.337	2.605	3.057	4.388	9.929	INF
2.00	N	1.777	1.684	1.581	1.472	1.326	1.191	1.030
	F	2.301	2.499	2.815	3.361	5.086	14.874	INF
2.20	N	1.927	1.815	1.693	1.566	1.398	1.246	1.067
	F	2.581	2.842	3.270	4.058	7.015	108.143	INF
2.50	N	2.144	2.002	1.851	1.695	1.495	1.318	1.115
	F	3.024	3.402	4.059	5.407	12.904	INF	INF
2.70	N	2.283	2.120	1.949	1.775	1.553	1.360	1.142
	F	3.335	3.810	4.672	6.600	23.768	INF	INF
3.00	N	2.485	2.290	2.088	1.885	1.633	1.418	1.179
	F	3.827	4.482	5.760	9.118	INF	INF	INF
3.50	N	2.804	2.552	2.297	2.049	1.748	1.499	1.229
	F	4.723	5.798	8.226	17.921	INF	INF	INF
4.00	N	3.103	2.792	2.485	2.192	1.845	1.565	1.270
	F	5.730	7.438	12.123	65.196	INF	INF	INF
5.00	N	3.646	3.214	2.804	2.428	2.001	1.669	1.331
	F	8.170	12.317	36.066	INF	INF	INF	INF
7.00	N	4.558	3.884	3.286	2.769	2.215	1.806	1.408
	F	15.922	49.353	INF	INF	INF	INF	INF
10.00	N	5.608	4.604	3.772	3.095	2.407	1.924	1.471
	F	55.307	INF	INF	INF	INF	INF	INF
20.00	N	7.670	5.873	4.558	3.586	2.677	2.081	1.553
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	12.127	8.105	5.756	4.261	3.015	2.268	1.645
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

40mm

Metric

U		Apertures						
		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
1.70	N	1.592	1.543	1.485	1.420	1.326	1.231	1.105
	F	1.827	1.901	2.005	2.156	2.473	3.029	5.015
1.80	N	1.677	1.622	1.557	1.485	1.380	1.276	1.140
	F	1.946	2.031	2.153	2.331	2.715	3.416	6.268
1.90	N	1.762	1.700	1.628	1.548	1.433	1.320	1.172
	F	2.066	2.164	2.306	2.514	2.975	3.857	8.076
2.00	N	1.846	1.777	1.698	1.609	1.484	1.361	1.203
	F	2.187	2.300	2.462	2.706	3.257	4.365	10.914
2.20	N	2.011	1.927	1.832	1.728	1.581	1.440	1.261
	F	2.435	2.579	2.790	3.115	3.893	5.651	27.844
2.50	N	2.252	2.145	2.025	1.895	1.716	1.547	1.337
	F	2.818	3.018	3.321	3.808	5.086	8.750	INF
2.70	N	2.410	2.286	2.148	2.000	1.799	1.611	1.383
	F	3.081	3.326	3.704	4.332	6.104	12.470	INF
3.00	N	2.640	2.489	2.324	2.149	1.915	1.700	1.444
	F	3.488	3.812	4.329	5.231	8.142	26.651	INF
3.50	N	3.010	2.811	2.598	2.377	2.088	1.830	1.531
	F	4.202	4.695	5.527	7.139	14.277	INF	INF
4.00	N	3.363	3.113	2.849	2.581	2.239	1.941	1.603
	F	4.965	5.683	6.977	9.828	32.872	INF	INF
5.00	N	4.024	3.663	3.296	2.935	2.492	2.121	1.717
	F	6.658	8.056	11.028	20.814	INF	INF	INF
7.00	N	5.189	4.591	4.015	3.479	2.860	2.372	1.868
	F	10.908	15.417	32.825	INF	INF	INF	INF
10.00	N	6.628	5.666	4.799	4.041	3.217	2.603	1.999
	F	20.936	49.029	INF	INF	INF	INF	INF
20.00	N	9.797	7.795	6.215	4.978	3.763	2.935	2.178
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	18.770	12.486	8.815	6.479	4.532	3.364	2.391
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

50mm

Metric

U		Apertures						
		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
1.70	N	1.626	1.591	1.549	1.500	1.426	1.347	1.237
	F	1.782	1.828	1.890	1.975	2.136	2.375	2.939
1.80	N	1.716	1.676	1.629	1.574	1.492	1.405	1.284
	F	1.894	1.947	2.018	2.116	2.306	2.591	3.292
1.90	N	1.806	1.761	1.708	1.647	1.556	1.461	1.329
	F	2.006	2.066	2.148	2.262	2.483	2.822	3.688
2.00	N	1.894	1.845	1.787	1.719	1.619	1.515	1.373
	F	2.120	2.188	2.281	2.410	2.667	3.068	4.136
2.20	N	2.071	2.011	1.940	1.859	1.740	1.619	1.454
	F	2.349	2.434	2.553	2.720	3.059	3.611	5.238
2.50	N	2.331	2.253	2.163	2.061	1.912	1.763	1.566
	F	2.699	2.816	2.979	3.215	3.714	4.586	7.701
2.70	N	2.501	2.411	2.307	2.189	2.021	1.853	1.634
	F	2.937	3.077	3.277	3.569	4.203	5.376	10.345
3.00	N	2.753	2.642	2.516	2.375	2.175	1.979	1.728
	F	3.301	3.482	3.744	4.137	5.032	6.850	18.137
3.50	N	3.162	3.014	2.847	2.665	2.412	2.169	1.866
	F	3.926	4.191	4.584	5.202	6.741	10.584	590.171
4.00	N	3.559	3.370	3.160	2.934	2.626	2.337	1.984
	F	4.576	4.945	5.513	6.448	9.048	17.910	INF
5.00	N	4.317	4.037	3.734	3.416	2.998	2.621	2.178
	F	5.957	6.614	7.696	9.701	17.371	592.415	INF
7.00	N	5.706	5.217	4.710	4.206	3.577	3.043	2.451
	F	9.093	10.765	14.059	22.925	INF	INF	INF
10.00	N	7.521	6.680	5.860	5.088	4.183	3.461	2.706
	F	15.028	20.342	37.023	INF	INF	INF	INF
20.00	N	11.958	9.931	8.192	6.734	5.213	4.120	3.078
	F	63.045	INF	INF	INF	INF	INF	INF
INF	N	29.160	19.342	13.606	9.956	6.914	5.089	3.569
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

60mm

Metric

U		Apertures						
		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
1.70	N	1.646	1.620	1.588	1.550	1.491	1.427	1.333
	F	1.758	1.790	1.832	1.888	1.990	2.130	2.418
1.80	N	1.739	1.709	1.673	1.631	1.565	1.494	1.390
	F	1.866	1.903	1.951	2.015	2.133	2.297	2.641
1.90	N	1.831	1.798	1.758	1.710	1.637	1.559	1.445
	F	1.975	2.016	2.071	2.144	2.280	2.470	2.879
2.00	N	1.923	1.886	1.841	1.789	1.709	1.622	1.498
	F	2.084	2.130	2.192	2.276	2.431	2.651	3.133
2.20	N	2.106	2.061	2.007	1.944	1.848	1.745	1.601
	F	2.304	2.362	2.440	2.545	2.744	3.033	3.695
2.50	N	2.377	2.318	2.249	2.168	2.047	1.920	1.743
	F	2.638	2.716	2.821	2.966	3.247	3.669	4.711
2.70	N	2.555	2.487	2.407	2.314	2.175	2.031	1.832
	F	2.864	2.956	3.083	3.259	3.605	4.140	5.538
3.00	N	2.820	2.736	2.638	2.525	2.359	2.188	1.956
	F	3.207	3.325	3.488	3.718	4.183	4.933	7.095
3.50	N	3.254	3.141	3.010	2.861	2.646	2.430	2.143
	F	3.790	3.959	4.197	4.541	5.268	6.543	11.117
4.00	N	3.678	3.532	3.365	3.179	2.912	2.650	2.309
	F	4.388	4.620	4.953	5.446	6.542	8.665	19.343
5.00	N	4.498	4.279	4.033	3.763	3.390	3.033	2.588
	F	5.634	6.030	6.620	7.550	9.889	15.875	INF
7.00	N	6.038	5.643	5.214	4.764	4.171	3.635	3.004
	F	8.341	9.258	10.761	13.524	23.822	325.723	INF
10.00	N	8.124	7.415	6.682	5.952	5.042	4.270	3.415
	F	13.039	15.471	20.272	33.268	INF	INF	INF
20.00	N	13.608	11.701	9.950	8.391	6.667	5.363	4.064
	F	38.035	71.276	INF	INF	INF	INF	INF
INF	N	41.869	27.731	19.471	14.215	9.834	7.206	5.017
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

75mm

Metric

U		Apertures						
		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
1.70	N	1.663	1.645	1.623	1.595	1.552	1.504	1.431
	F	1.739	1.759	1.786	1.821	1.883	1.963	2.115
1.80	N	1.758	1.738	1.713	1.682	1.634	1.580	1.499
	F	1.844	1.867	1.898	1.938	2.008	2.101	2.278
1.90	N	1.853	1.830	1.802	1.768	1.715	1.655	1.565
	F	1.949	1.976	2.010	2.056	2.136	2.242	2.446
2.00	N	1.948	1.922	1.891	1.853	1.794	1.728	1.630
	F	2.055	2.085	2.124	2.175	2.265	2.386	2.621
2.20	N	2.136	2.105	2.067	2.022	1.951	1.872	1.756
	F	2.268	2.305	2.353	2.416	2.530	2.684	2.989
2.50	N	2.417	2.376	2.327	2.269	2.179	2.080	1.935
	F	2.590	2.638	2.703	2.788	2.944	3.157	3.596
2.70	N	2.603	2.555	2.498	2.431	2.326	2.213	2.049
	F	2.806	2.863	2.940	3.042	3.230	3.491	4.042
3.00	N	2.879	2.821	2.751	2.668	2.542	2.406	2.211
	F	3.132	3.205	3.303	3.434	3.678	4.024	4.782
3.50	N	3.334	3.255	3.161	3.051	2.885	2.709	2.462
	F	3.684	3.787	3.925	4.114	4.475	5.006	6.256
4.00	N	3.783	3.681	3.560	3.420	3.210	2.992	2.690
	F	4.245	4.383	4.572	4.832	5.344	6.127	8.137
5.00	N	4.661	4.505	4.323	4.115	3.812	3.504	3.093
	F	5.394	5.622	5.941	6.396	7.338	8.926	14.054
7.00	N	6.344	6.054	5.725	5.361	4.851	4.357	3.730
	F	7.811	8.307	9.034	10.149	12.794	18.680	83.155
10.00	N	8.701	8.159	7.565	6.937	6.097	5.329	4.412
	F	11.765	12.943	14.823	18.125	28.927	103.538	INF
20.00	N	15.355	13.725	12.106	10.555	8.707	7.204	5.608
	F	28.736	37.086	58.695	218.229	INF	INF	INF
INF	N	65.277	43.186	30.280	22.067	15.223	11.117	7.695
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

100mm

Metric

U		Apertures						
Metres		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
1.70	N	1.678	1.666	1.652	1.635	1.608	1.576	1.525
	F	1.723	1.735	1.751	1.771	1.805	1.848	1.924
1.80	N	1.775	1.762	1.746	1.727	1.696	1.660	1.604
	F	1.826	1.840	1.857	1.880	1.919	1.968	2.055
1.90	N	1.872	1.858	1.840	1.819	1.784	1.744	1.682
	F	1.929	1.945	1.964	1.990	2.033	2.089	2.188
2.00	N	1.969	1.953	1.933	1.910	1.871	1.828	1.759
	F	2.032	2.050	2.072	2.100	2.149	2.211	2.324
2.20	N	2.162	2.143	2.119	2.090	2.044	1.992	1.910
	F	2.240	2.261	2.288	2.323	2.383	2.461	2.602
2.50	N	2.450	2.426	2.395	2.358	2.299	2.232	2.130
	F	2.552	2.579	2.615	2.661	2.742	2.846	3.038
2.70	N	2.642	2.613	2.577	2.535	2.466	2.389	2.271
	F	2.761	2.793	2.835	2.890	2.986	3.110	3.343
3.00	N	2.928	2.892	2.849	2.796	2.712	2.619	2.477
	F	3.076	3.116	3.169	3.238	3.359	3.519	3.822
3.50	N	3.402	3.353	3.294	3.223	3.112	2.989	2.804
	F	3.604	3.661	3.734	3.831	4.004	4.234	4.684
4.00	N	3.871	3.808	3.732	3.641	3.499	3.343	3.112
	F	4.138	4.213	4.311	4.441	4.676	4.995	5.638
5.00	N	4.799	4.702	4.585	4.447	4.236	4.007	3.678
	F	5.219	5.339	5.500	5.715	6.114	6.675	7.886
7.00	N	6.609	6.425	6.207	5.955	5.578	5.186	4.643
	F	7.441	7.690	8.031	8.501	9.424	10.841	14.489
10.00	N	9.216	8.860	8.448	7.985	7.318	6.653	5.781
	F	10.932	11.482	12.263	13.403	15.869	20.385	38.930
20.00	N	17.074	15.883	14.598	13.259	11.505	9.932	8.097
	F	24.146	27.028	31.834	40.948	78.485	INF	INF
INF	N	115.876	76.602	53.658	39.057	26.890	19.590	13.506
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

150mm

Metric

U		Apertures						
		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
1.70	N	1.689	1.683	1.676	1.668	1.653	1.637	1.609
	F	1.711	1.717	1.724	1.734	1.750	1.769	1.802
1.80	N	1.788	1.781	1.773	1.764	1.748	1.729	1.699
	F	1.813	1.819	1.827	1.838	1.856	1.877	1.915
1.90	N	1.886	1.879	1.870	1.860	1.842	1.821	1.787
	F	1.914	1.921	1.931	1.942	1.962	1.987	2.029
2.00	N	1.985	1.977	1.967	1.955	1.936	1.913	1.875
	F	2.016	2.024	2.034	2.047	2.069	2.096	2.143
2.20	N	2.181	2.172	2.160	2.146	2.122	2.095	2.050
	F	2.219	2.229	2.241	2.257	2.284	2.317	2.375
2.50	N	2.476	2.464	2.449	2.430	2.400	2.365	2.308
	F	2.524	2.537	2.553	2.574	2.609	2.652	2.728
2.70	N	2.672	2.658	2.641	2.619	2.584	2.543	2.477
	F	2.728	2.743	2.762	2.786	2.828	2.879	2.968
3.00	N	2.966	2.948	2.927	2.900	2.857	2.807	2.727
	F	3.035	3.054	3.077	3.107	3.158	3.222	3.335
3.50	N	3.453	3.430	3.401	3.365	3.307	3.240	3.135
	F	3.548	3.573	3.605	3.647	3.717	3.806	3.964
4.00	N	3.939	3.909	3.871	3.825	3.750	3.664	3.530
	F	4.063	4.096	4.138	4.193	4.286	4.405	4.618
5.00	N	4.905	4.858	4.800	4.729	4.615	4.486	4.287
	F	5.098	5.150	5.218	5.304	5.455	5.649	6.003
7.00	N	6.816	6.726	6.614	6.481	6.269	6.034	5.678
	F	7.194	7.298	7.434	7.611	7.926	8.340	9.136
10.00	N	9.629	9.450	9.232	8.974	8.574	8.139	7.506
	F	10.401	10.619	10.909	11.294	12.000	12.975	15.008
20.00	N	18.572	17.915	17.150	16.280	15.012	13.730	12.020
	F	21.667	22.636	23.992	25.934	29.981	36.895	59.966
INF	N	260.505	172.139	120.515	87.663	60.287	43.861	30.173
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

200mm

Metric

U		Apertures						
		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
1.70	N	1.693	1.690	1.686	1.681	1.672	1.661	1.645
	F	1.707	1.710	1.714	1.720	1.729	1.740	1.759
1.80	N	1.793	1.789	1.784	1.778	1.768	1.757	1.738
	F	1.807	1.811	1.816	1.822	1.833	1.845	1.867
1.90	N	1.892	1.888	1.882	1.876	1.865	1.852	1.831
	F	1.908	1.913	1.918	1.925	1.936	1.950	1.974
2.00	N	1.991	1.986	1.980	1.973	1.961	1.947	1.924
	F	2.009	2.014	2.020	2.028	2.040	2.056	2.082
2.20	N	2.189	2.183	2.176	2.168	2.153	2.136	2.109
	F	2.211	2.217	2.224	2.233	2.249	2.268	2.300
2.50	N	2.486	2.479	2.470	2.459	2.440	2.419	2.383
	F	2.514	2.522	2.531	2.543	2.563	2.587	2.629
2.70	N	2.684	2.675	2.665	2.652	2.631	2.605	2.565
	F	2.717	2.725	2.736	2.750	2.773	2.802	2.851
3.00	N	2.980	2.970	2.957	2.941	2.915	2.884	2.834
	F	3.020	3.031	3.044	3.062	3.090	3.126	3.186
3.50	N	3.473	3.459	3.442	3.420	3.385	3.344	3.278
	F	3.528	3.542	3.560	3.584	3.623	3.671	3.755
4.00	N	3.965	3.947	3.924	3.897	3.851	3.798	3.713
	F	4.036	4.055	4.079	4.109	4.161	4.225	4.335
5.00	N	4.945	4.917	4.883	4.840	4.771	4.690	4.562
	F	5.056	5.085	5.123	5.171	5.252	5.354	5.531
7.00	N	6.894	6.840	6.774	6.693	6.562	6.412	6.176
	F	7.110	7.167	7.242	7.337	7.501	7.708	8.079
10.00	N	9.786	9.679	9.548	9.388	9.134	8.847	8.407
	F	10.224	10.343	10.498	10.697	11.047	11.499	12.341
20.00	N	19.166	18.764	18.280	17.709	16.832	15.889	14.532
	F	20.910	21.411	22.078	22.973	24.639	26.987	32.083
INF	N	463.037	305.942	214.166	155.763	107.094	77.892	53.558
	F	INF	INF	INF	INF	INF	INF	INF

Cooke Cinetal Mk III Zoom 25-250mm

250mm

Metric

U		Apertures						
		T/3.7	T/5.6	T/8	T/11	T/16	T/22	T/32
1.70	N	1.696	1.693	1.690	1.687	1.681	1.674	1.662
	F	1.704	1.707	1.710	1.713	1.720	1.727	1.739
1.80	N	1.795	1.792	1.789	1.785	1.779	1.771	1.758
	F	1.805	1.808	1.811	1.815	1.822	1.830	1.844
1.90	N	1.894	1.892	1.888	1.884	1.876	1.868	1.853
	F	1.906	1.908	1.912	1.917	1.924	1.933	1.949
2.00	N	1.994	1.991	1.987	1.982	1.974	1.964	1.949
	F	2.006	2.009	2.013	2.018	2.027	2.037	2.054
2.20	N	2.193	2.189	2.184	2.178	2.169	2.157	2.138
	F	2.207	2.211	2.216	2.222	2.232	2.245	2.265
2.50	N	2.491	2.486	2.480	2.472	2.460	2.445	2.421
	F	2.509	2.514	2.521	2.528	2.541	2.557	2.584
2.70	N	2.689	2.684	2.677	2.668	2.654	2.637	2.609
	F	2.711	2.717	2.724	2.733	2.748	2.767	2.798
3.00	N	2.987	2.980	2.971	2.961	2.943	2.922	2.888
	F	3.013	3.020	3.029	3.040	3.059	3.082	3.121
3.50	N	3.482	3.473	3.461	3.447	3.423	3.396	3.350
	F	3.518	3.528	3.540	3.555	3.580	3.611	3.664
4.00	N	3.977	3.965	3.950	3.931	3.901	3.865	3.807
	F	4.024	4.036	4.051	4.071	4.104	4.145	4.214
5.00	N	4.964	4.946	4.923	4.894	4.848	4.793	4.705
	F	5.037	5.056	5.080	5.110	5.162	5.226	5.335
7.00	N	6.930	6.895	6.851	6.797	6.709	6.606	6.441
	F	7.071	7.108	7.155	7.215	7.317	7.444	7.665
10.00	N	9.860	9.790	9.702	9.595	9.422	9.222	8.907
	F	10.144	10.219	10.316	10.440	10.654	10.921	11.398
20.00	N	19.455	19.186	18.858	18.462	17.839	17.144	16.099
	F	20.577	20.886	21.290	21.817	22.757	23.998	26.395
INF	N	723.450	477.989	334.589	243.334	167.288	121.661	83.638
	F	INF	INF	INF	INF	INF	INF	INF

# COOKE SK4 16mm LENS

## Depth of Field Tables

These depth of field tables refer specifically to the optical design used for this lens, since allowance has been made for the position of the front nodal point relative to the film plane at each focal length.

The tables are based on a disc of confusion of 0.0005 inches (0.0127mm) diameter.

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 listed at T/8.0 will be the depth obtained at a criterion for definition corresponding to a disc of confusion of 0.001 inches (0.0254mm) 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 S4 lenses to photograph in 16/Super16 format expand the in-focus area by a factor of 2.

Cooke SK4

6mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
5' 4.0"	3' 11.3"	2' 10.7"	2' 2.3"	1' 8.0"	1' 4.0"	1' 0.6"	0' 10.6"

U Feet		Depth of Field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
8"	N	0' 7.9"	0' 7.8"	0' 7.8"	0' 7.7"	0' 7.6"	0' 7.5"	0' 7.3"	0' 7.1"
	F	0' 8.1"	0' 8.2"	0' 8.3"	0' 8.4"	0' 8.6"	0' 8.9"	0' 9.5"	0' 10.8"
9"	N	0' 8.8"	0' 8.7"	0' 8.6"	0' 8.4"	0' 8.3"	0' 8.0"	0' 7.8"	0' 7.5"
	F	0' 9.2"	0' 9.4"	0' 9.5"	0' 9.8"	0' 10.2"	0' 11.0"	1' 0.6"	1' 5.7"
10"	N	0' 9.7"	0' 9.5"	0' 9.4"	0' 9.1"	0' 8.9"	0' 8.6"	0' 8.2"	0' 7.8"
	F	0' 10.4"	0' 10.6"	0' 10.9"	0' 11.3"	1' 0.2"	1' 1.8"	1' 6.0"	4' 0.9"
11"	N	0' 10.5"	0' 10.3"	0' 10.1"	0' 9.8"	0' 9.4"	0' 9.0"	0' 8.5"	0' 8.0"
	F	0' 11.6"	0' 11.9"	1' 0.3"	1' 1.1"	1' 2.5"	1' 5.7"	2' 5.6"	INF
12"	N	0' 11.3"	0' 11.1"	0' 10.8"	0' 10.4"	0' 9.9"	0' 9.4"	0' 8.8"	0' 8.2"
	F	1' 0.9"	1' 1.3"	1' 1.9"	1' 3.1"	1' 5.5"	1' 11.8"	6' 0.7"	INF
13"	N	1' 0.1"	0' 11.8"	0' 11.4"	0' 10.9"	0' 10.4"	0' 9.7"	0' 9.1"	0' 8.4"
	F	1' 2.1"	1' 2.7"	1' 3.7"	1' 5.4"	1' 9.3"	2' 10.0"	INF	INF
14"	N	1' 0.9"	1' 0.5"	1' 0.0"	0' 11.5"	0' 10.8"	0' 10.1"	0' 9.3"	0' 8.6"
	F	1' 3.5"	1' 4.3"	1' 5.6"	1' 8.1"	2' 2.3"	4' 7.7"	INF	INF
15"	N	1' 1.6"	1' 1.2"	1' 0.6"	0' 11.9"	0' 11.2"	0' 10.3"	0' 9.5"	0' 8.7"
	F	1' 4.9"	1' 5.9"	1' 7.7"	1' 11.3"	2' 9.2"	10' 10.5"	INF	INF
16"	N	1' 2.4"	1' 1.8"	1' 1.2"	1' 0.4"	0' 11.5"	0' 10.6"	0' 9.7"	0' 8.8"
	F	1' 6.3"	1' 7.7"	1' 10.0"	2' 3.1"	3' 7.5"	INF	INF	INF
17"	N	1' 3.1"	1' 2.5"	1' 1.7"	1' 0.8"	0' 11.8"	0' 10.8"	0' 9.8"	0' 8.9"
	F	1' 7.9"	1' 9.5"	2' 0.6"	2' 7.7"	5' 0.2"	INF	INF	INF
18"	N	1' 3.8"	1' 3.1"	1' 2.2"	1' 1.2"	1' 0.1"	0' 11.0"	0' 10.0"	0' 9.0"
	F	1' 9.5"	1' 11.5"	2' 3.5"	3' 1.4"	7' 8.5"	INF	INF	INF
20"	N	1' 5.1"	1' 4.2"	1' 3.1"	1' 1.9"	1' 0.7"	0' 11.4"	0' 10.2"	0' 9.2"
	F	2' 0.8"	2' 3.9"	2' 10.4"	4' 6.2"	110' 4.5"	INF	INF	INF
22"	N	1' 6.3"	1' 5.3"	1' 4.0"	1' 2.6"	1' 1.2"	0' 11.7"	0' 10.4"	0' 9.3"
	F	2' 4.5"	2' 9.0"	3' 7.4"	7' 2.6"	INF	INF	INF	INF
2'	N	1' 7.5"	1' 6.2"	1' 4.8"	1' 3.2"	1' 1.6"	1' 0.0"	0' 10.6"	0' 9.4"
	F	2' 8.6"	3' 3.0"	4' 7.7"	14' 6.7"	INF	INF	INF	INF
2' 3"	N	1' 9.2"	1' 7.6"	1' 5.8"	1' 4.0"	1' 2.1"	1' 0.4"	0' 10.8"	0' 9.5"
	F	3' 3.5"	4' 2.2"	7' 1.7"	INF	INF	INF	INF	INF
2' 6"	N	1' 10.7"	1' 8.9"	1' 6.8"	1' 4.7"	1' 2.6"	1' 0.7"	0' 11.0"	0' 9.6"
	F	3' 11.6"	5' 5.2"	12' 7.4"	INF	INF	INF	INF	INF
3'	N	2' 1.5"	1' 11.0"	1' 8.4"	1' 5.8"	1' 3.3"	1' 1.1"	0' 11.3"	0' 9.8"
	F	5' 8.8"	9' 11.1"	INF	INF	INF	INF	INF	INF
4'	N	2' 6.1"	2' 2.5"	1' 10.8"	1' 7.4"	1' 4.3"	1' 1.7"	0' 11.6"	0' 10.0"
	F	13' 0.9"	INF	INF	INF	INF	INF	INF	INF
5'	N	2' 9.8"	2' 5.1"	2' 0.6"	1' 8.5"	1' 5.0"	1' 2.1"	0' 11.8"	0' 10.1"
	F	57' 5.9"	INF	INF	INF	INF	INF	INF	INF
7'	N	3' 3.2"	2' 8.7"	2' 2.9"	1' 9.9"	1' 5.8"	1' 2.6"	1' 0.1"	0' 10.2"
	F	INF	INF	INF	INF	INF	INF	INF	INF
10'	N	3' 8.4"	3' 0.1"	2' 4.9"	1' 11.1"	1' 6.4"	1' 2.9"	1' 0.3"	0' 10.3"
	F	INF	INF	INF	INF	INF	INF	INF	INF
20'	N	4' 4.7"	3' 4.9"	2' 7.7"	2' 0.6"	1' 7.3"	1' 3.3"	1' 0.5"	0' 10.4"
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	5' 4.7"	3' 11.3"	2' 11.0"	2' 2.3"	1' 8.2"	1' 3.8"	1' 0.7"	0' 10.5"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke SK4

9.5mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
12' 8.0"	9' 1.9"	6' 6.4"	4' 9.3"	3' 5.5"	2' 7.5"	1' 11.1"	1' 6.1"

U	Feet	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
8"	N	0' 7.9"	0' 7.8"	0' 7.7"	0' 7.6"	0' 7.5"	0' 7.3"	0' 7.1"	0' 6.9"
	F	0' 8.2"	0' 8.2"	0' 8.3"	0' 8.5"	0' 8.8"	0' 9.2"	0' 10"	0' 11.6"
9"	N	0' 8.8"	0' 8.7"	0' 8.5"	0' 8.4"	0' 8.2"	0' 7.9"	0' 7.6"	0' 7.3"
	F	0' 9.3"	0' 9.4"	0' 9.6"	0' 9.9"	0' 10.4"	0' 11.2"	1' 1.1"	1' 5.8"
10"	N	0' 9.6"	0' 9.5"	0' 9.3"	0' 9.1"	0' 8.8"	0' 8.5"	0' 8"	0' 7.6"
	F	0' 10.4"	0' 10.6"	0' 10.9"	0' 11.4"	1' 0.2"	1' 1.7"	1' 5.8"	2' 10.4"
11"	N	0' 10.5"	0' 10.3"	0' 10.1"	0' 9.8"	0' 9.4"	0' 9"	0' 8.4"	0' 7.9"
	F	0' 11.6"	0' 11.9"	1' 0.3"	1' 1"	1' 2.4"	1' 4.9"	2' 2"	18' 1.4"
12"	N	0' 11.3"	0' 11.1"	0' 10.8"	0' 10.4"	0' 9.9"	0' 9.4"	0' 8.8"	0' 8.2"
	F	1' 0.8"	1' 1.2"	1' 1.8"	1' 2.9"	1' 5"	1' 9.2"	3' 7.5"	INF
13"	N	1' 0.1"	0' 11.9"	0' 11.5"	0' 11"	0' 10.4"	0' 9.8"	0' 9"	0' 8.4"
	F	1' 2.1"	1' 2.6"	1' 3.5"	1' 4.9"	1' 8"	2' 3.2"	8' 11.5"	INF
14"	N	1' 0.9"	1' 0.6"	1' 0.1"	0' 11.6"	0' 10.9"	0' 10.2"	0' 9.3"	0' 8.6"
	F	1' 3.4"	1' 4"	1' 5.2"	1' 7.2"	1' 11.8"	3' 0.2"	INF	INF
15"	N	1' 1.7"	1' 1.3"	1' 0.7"	1' 0.1"	0' 11.3"	0' 10.5"	0' 9.6"	0' 8.8"
	F	1' 4.7"	1' 5.5"	1' 7.1"	1' 9.7"	2' 4.4"	4' 3.2"	INF	INF
16"	N	1' 2.5"	1' 2"	1' 1.3"	1' 0.6"	0' 11.7"	0' 10.8"	0' 9.8"	0' 8.9"
	F	1' 6.1"	1' 7.1"	1' 9.1"	2' 0.6"	2' 10.4"	6' 9"	INF	INF
17"	N	1' 3.2"	1' 2.7"	1' 1.9"	1' 1.1"	1' 0.1"	0' 11.1"	0' 10"	0' 9"
	F	1' 7.5"	1' 8.8"	1' 11.2"	2' 3.9"	3' 6.3"	14' 1.9"	INF	INF
18"	N	1' 4"	1' 3.3"	1' 2.5"	1' 1.5"	1' 0.4"	0' 11.4"	0' 10.1"	0' 9.2"
	F	1' 8.9"	1' 10.5"	2' 1.6"	2' 7.7"	4' 5.2"	1250' 6.7"	INF	INF
20"	N	1' 5.4"	1' 4.6"	1' 3.5"	1' 2.4"	1' 1.1"	0' 11.9"	0' 10.5"	0' 9.4"
	F	2' 0"	2' 2.3"	2' 6.9"	3' 5.4"	8' 0.3"	INF	INF	INF
22"	N	1' 6.7"	1' 5.7"	1' 4.5"	1' 3.2"	1' 1.6"	1' 0.3"	0' 10.7"	0' 9.6"
	F	2' 3.3"	2' 6.5"	3' 1.3"	4' 7.2"	24' 4"	INF	INF	INF
2' 0"	N	1' 8"	1' 6.8"	1' 5.4"	1' 3.9"	1' 2.2"	1' 0.6"	0' 11"	0' 9.7"
	F	2' 6.8"	2' 11.1"	3' 9.1"	6' 4.8"	INF	INF	INF	INF
2' 3"	N	1' 9.8"	1' 8.4"	1' 6.6"	1' 4.8"	1' 2.8"	1' 1.1"	0' 11.3"	0' 9.9"
	F	3' 0.6"	3' 7.3"	5' 0.8"	12' 3.9"	INF	INF	INF	INF
2' 6"	N	1' 11.6"	1' 9.8"	1' 7.7"	1' 5.6"	1' 3.4"	1' 1.5"	0' 11.5"	0' 10"
	F	3' 7.1"	4' 5.2"	7' 0.5"	48' 9"	INF	INF	INF	INF
3' 0"	N	2' 2.7"	2' 0.4"	1' 9.7"	1' 7.1"	1' 4.4"	1' 2.2"	0' 11.9"	0' 10.3"
	F	4' 10.8"	6' 9"	16' 12"	INF	INF	INF	INF	INF
4' 0"	N	2' 8.1"	2' 4.6"	2' 0.7"	1' 9.2"	1' 5.7"	1' 3"	1' 0.4"	0' 10.6"
	F	9' 0.1"	19' 9.3"	INF	INF	INF	INF	INF	INF
5' 0"	N	3' 0.5"	2' 7.9"	2' 3"	1' 10.7"	1' 6.7"	1' 3.6"	1' 0.7"	0' 10.8"
	F	18' 2.4"	INF	INF	INF	INF	INF	INF	INF
7' 0"	N	3' 7.2"	3' 0.6"	2' 6.1"	2' 0.7"	1' 7.8"	1' 4.3"	1' 1.1"	0' 11"
	F	INF	INF	INF	INF	INF	INF	INF	INF
10' 0"	N	4' 2.1"	3' 5.2"	2' 9"	2' 2.4"	1' 8.8"	1' 4.9"	1' 1.4"	0' 11.2"
	F	INF	INF	INF	INF	INF	INF	INF	INF
20' 0"	N	5' 1.6"	4' 0.3"	3' 1.1"	2' 4.8"	1' 10.1"	1' 5.6"	1' 1.7"	0' 11.4"
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	6' 7.8"	4' 10.4"	3' 6.3"	2' 7.5"	1' 11.5"	1' 6.4"	1' 2.1"	0' 11.6"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke SK4

12mm

Feet

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
19' 11.4"	14' 4.2"	10' 1.9"	7' 4.3"	5' 3.2"	3' 11.1"	2' 9.8"	2' 1.8"

U	Feet	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
8"	N	0' 7.9"	0' 7.8"	0' 7.8"	0' 7.7"	0' 7.6"	0' 7.4"	0' 7.2"	0' 7"
	F	0' 8.1"	0' 8.2"	0' 8.3"	0' 8.4"	0' 8.6"	0' 8.8"	0' 9.3"	0' 10.1"
9"	N	0' 8.8"	0' 8.7"	0' 8.6"	0' 8.5"	0' 8.3"	0' 8.1"	0' 7.8"	0' 7.6"
	F	0' 9.2"	0' 9.3"	0' 9.4"	0' 9.6"	0' 9.9"	0' 10.4"	0' 11.4"	1' 1"
10"	N	0' 9.7"	0' 9.6"	0' 9.5"	0' 9.3"	0' 9.1"	0' 8.8"	0' 8.4"	0' 8"
	F	0' 10.3"	0' 10.4"	0' 10.6"	0' 10.9"	0' 11.4"	1' 0.2"	1' 1.9"	1' 5.2"
11"	N	0' 10.6"	0' 10.5"	0' 10.3"	0' 10.1"	0' 9.7"	0' 9.4"	0' 8.9"	0' 8.4"
	F	0' 11.4"	0' 11.6"	0' 11.9"	1' 0.3"	1' 1.1"	1' 2.2"	1' 5"	1' 11.7"
12"	N	0' 11.5"	0' 11.3"	0' 11.1"	0' 10.8"	0' 10.4"	0' 9.9"	0' 9.3"	0' 8.8"
	F	1' 0.6"	1' 0.8"	1' 1.2"	1' 1.8"	1' 2.9"	1' 4.6"	1' 9.2"	2' 11.1"
13"	N	1' 0.4"	1' 0.2"	0' 11.9"	0' 11.5"	0' 11"	0' 10.5"	0' 9.7"	0' 9.1"
	F	1' 1.7"	1' 2"	1' 2.6"	1' 3.4"	1' 4.8"	1' 7.3"	2' 2.8"	5' 0.6"
14"	N	1' 1.2"	1' 1"	1' 0.6"	1' 0.2"	0' 11.6"	0' 10.9"	0' 10.1"	0' 9.4"
	F	1' 2.9"	1' 3.3"	1' 4"	1' 5"	1' 7"	1' 10.5"	2' 10.8"	14' 1.1"
15"	N	1' 2.1"	1' 1.8"	1' 1.3"	1' 0.8"	1' 0.1"	0' 11.4"	0' 10.5"	0' 9.6"
	F	1' 4.1"	1' 4.6"	1' 5.5"	1' 6.8"	1' 9.4"	2' 2.4"	3' 11.3"	INF
16"	N	1' 2.9"	1' 2.5"	1' 2"	1' 1.4"	1' 0.6"	0' 11.8"	0' 10.8"	0' 9.9"
	F	1' 5.3"	1' 5.9"	1' 7"	1' 8.7"	2' 0.1"	2' 7"	5' 9.4"	INF
17"	N	1' 3.7"	1' 3.3"	1' 2.7"	1' 2"	1' 1.1"	1' 0.2"	0' 11.1"	0' 10.1"
	F	1' 6.6"	1' 7.3"	1' 8.6"	1' 10.7"	2' 3.1"	3' 0.8"	9' 11"	INF
18"	N	1' 4.5"	1' 4.1"	1' 3.4"	1' 2.6"	1' 1.6"	1' 0.6"	0' 11.4"	0' 10.3"
	F	1' 7.8"	1' 8.7"	1' 10.3"	2' 0.9"	2' 6.5"	3' 8.2"	27' 9"	INF
20"	N	1' 6.1"	1' 5.5"	1' 4.7"	1' 3.7"	1' 2.5"	1' 1.3"	0' 11.9"	0' 10.6"
	F	1' 10.5"	1' 11.7"	2' 1.9"	2' 5.7"	3' 2.9"	5' 7.5"	INF	INF
22"	N	1' 7.7"	1' 6.9"	1' 5.9"	1' 4.7"	1' 3.3"	1' 1.9"	1' 0.3"	0' 11"
	F	2' 1.2"	2' 2.8"	2' 5.8"	2' 11.3"	4' 2.2"	9' 11.3"	INF	INF
2' 0"	N	1' 9.1"	1' 8.2"	1' 7"	1' 5.7"	1' 4"	1' 2.5"	1' 0.7"	0' 11.2"
	F	2' 4"	2' 6.2"	2' 10.2"	3' 6"	5' 6.4"	28' 0.6"	INF	INF
2' 3"	N	1' 11.3"	1' 10.1"	1' 8.6"	1' 7"	1' 5.1"	1' 3.3"	1' 1.2"	0' 11.6"
	F	2' 8.5"	2' 11.6"	3' 5.6"	4' 6.7"	9' 2.4"	INF	INF	INF
2' 6"	N	2' 1.3"	1' 11.9"	1' 10.1"	1' 8.2"	1' 6"	1' 3.9"	1' 1.6"	0' 11.8"
	F	3' 1.3"	3' 5.6"	4' 2.5"	6' 0.2"	19' 7.7"	INF	INF	INF
3' 0"	N	2' 5.2"	2' 3.3"	2' 0.8"	1' 10.3"	1' 7.5"	1' 5"	1' 2.3"	1' 0.3"
	F	3' 11.9"	4' 7.6"	6' 2.2"	11' 7.4"	INF	INF	INF	INF
4' 0"	N	3' 0.1"	2' 9"	2' 5.3"	2' 1.7"	1' 9.8"	1' 6.6"	1' 3.3"	1' 0.9"
	F	6' 2.3"	8' 0.4"	15' 0.2"	INF	INF	INF	INF	INF
5' 0"	N	3' 6"	3' 1.7"	2' 8.8"	2' 4.2"	1' 11.5"	1' 7.7"	1' 3.9"	1' 1.3"
	F	9' 3"	14' 4.8"	108' 1.5"	INF	INF	INF	INF	INF
7' 0"	N	4' 3.7"	3' 9.1"	3' 2"	2' 7.7"	2' 1.7"	1' 9.1"	1' 4.7"	1' 1.8"
	F	21' 3.8"	153' 9.6"	INF	INF	INF	INF	INF	INF
10' 0"	N	5' 2.5"	4' 4.8"	3' 7.2"	2' 11"	2' 3.7"	1' 10.3"	1' 5.4"	1' 2.1"
	F	1042' 11.7"	INF	INF	INF	INF	INF	INF	INF
20' 0"	N	6' 10.5"	5' 6.1"	4' 3.3"	3' 3.9"	2' 6.4"	1' 11.9"	1' 6.2"	1' 2.6"
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	10' 1.6"	7' 4.1"	5' 3"	3' 10.3"	2' 9.7"	2' 1.7"	1' 7.1"	1' 3.1"
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke SK4

6mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
1.630	1.200	0.880	0.670	0.510	0.410	0.320	0.270

U Metres		Depth of Field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.2	N	0.197	0.196	0.195	0.193	0.190	0.187	0.183	0.179
	F	0.203	0.204	0.206	0.209	0.213	0.221	0.234	0.262
0.225	N	0.220	0.218	0.215	0.212	0.208	0.202	0.196	0.189
	F	0.231	0.233	0.237	0.243	0.253	0.271	0.307	0.412
0.25	N	0.242	0.239	0.235	0.230	0.223	0.215	0.206	0.197
	F	0.260	0.264	0.271	0.282	0.301	0.337	0.430	0.972
0.275	N	0.263	0.259	0.253	0.246	0.237	0.227	0.215	0.203
	F	0.289	0.296	0.307	0.325	0.358	0.430	0.680	INF
0.3	N	0.284	0.278	0.270	0.261	0.250	0.237	0.223	0.209
	F	0.320	0.330	0.346	0.374	0.429	0.569	1.459	INF
0.325	N	0.304	0.296	0.287	0.275	0.261	0.246	0.229	0.213
	F	0.352	0.366	0.389	0.430	0.518	0.797	INF	INF
0.35	N	0.323	0.314	0.302	0.288	0.272	0.254	0.235	0.217
	F	0.386	0.404	0.436	0.496	0.636	1.247	INF	INF
0.4	N	0.360	0.347	0.331	0.312	0.290	0.268	0.245	0.223
	F	0.457	0.488	0.544	0.662	1.027	42.377	INF	INF
0.45	N	0.395	0.378	0.357	0.333	0.306	0.279	0.253	0.228
	F	0.533	0.582	0.676	0.905	2.049	INF	INF	INF
0.5	N	0.429	0.407	0.381	0.351	0.320	0.289	0.259	0.232
	F	0.617	0.690	0.843	1.292	11.436	INF	INF	INF
0.6	N	0.490	0.459	0.422	0.383	0.343	0.304	0.269	0.238
	F	0.807	0.960	1.348	3.760	INF	INF	INF	INF
0.7	N	0.546	0.504	0.458	0.409	0.361	0.316	0.276	0.242
	F	1.038	1.336	2.386	INF	INF	INF	INF	INF
0.8	N	0.596	0.544	0.488	0.431	0.375	0.325	0.282	0.246
	F	1.324	1.900	5.738	INF	INF	INF	INF	INF
1	N	0.685	0.613	0.538	0.465	0.397	0.338	0.289	0.250
	F	2.162	4.701	INF	INF	INF	INF	INF	INF
1.2	N	0.759	0.668	0.576	0.490	0.413	0.348	0.295	0.253
	F	3.753	474.511	INF	INF	INF	INF	INF	INF
1.5	N	0.852	0.734	0.621	0.518	0.430	0.358	0.300	0.256
	F	14.388	INF	INF	INF	INF	INF	INF	INF
2	N	0.969	0.814	0.672	0.550	0.448	0.368	0.306	0.259
	F	INF	INF	INF	INF	INF	INF	INF	INF
3	N	1.123	0.912	0.732	0.584	0.468	0.379	0.311	0.262
	F	INF	INF	INF	INF	INF	INF	INF	INF
5	N	1.287	1.010	0.788	0.615	0.485	0.387	0.316	0.264
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	1.644	1.202	0.889	0.668	0.512	0.401	0.323	0.268
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke SK4

9.5mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
3.860	2.792	1.990	1.456	1.055	0.800	0.588	0.460

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.2	N	0.197	0.195	0.193	0.191	0.188	0.184	0.179	0.173
	F	0.204	0.205	0.208	0.212	0.218	0.227	0.246	0.282
0.225	N	0.219	0.217	0.214	0.210	0.205	0.199	0.191	0.184
	F	0.232	0.234	0.239	0.246	0.257	0.276	0.320	0.422
0.25	N	0.241	0.238	0.234	0.228	0.221	0.213	0.203	0.193
	F	0.260	0.265	0.272	0.283	0.303	0.336	0.430	0.767
0.275	N	0.263	0.258	0.252	0.245	0.236	0.226	0.212	0.200
	F	0.289	0.296	0.307	0.324	0.356	0.413	0.614	2.932
0.3	N	0.284	0.278	0.270	0.261	0.249	0.237	0.221	0.207
	F	0.320	0.329	0.344	0.369	0.418	0.515	0.985	INF
0.325	N	0.304	0.297	0.288	0.276	0.262	0.247	0.228	0.212
	F	0.351	0.363	0.384	0.419	0.491	0.655	2.120	INF
0.35	N	0.324	0.316	0.304	0.290	0.273	0.256	0.235	0.217
	F	0.383	0.399	0.427	0.474	0.581	0.859	INF	INF
0.4	N	0.363	0.351	0.335	0.317	0.294	0.273	0.247	0.225
	F	0.450	0.475	0.522	0.606	0.831	1.804	INF	INF
0.45	N	0.400	0.384	0.364	0.340	0.313	0.287	0.256	0.232
	F	0.521	0.559	0.632	0.777	1.263	15.326	INF	INF
0.5	N	0.436	0.416	0.390	0.362	0.329	0.299	0.265	0.237
	F	0.597	0.652	0.762	1.006	2.189	INF	INF	INF
0.6	N	0.502	0.473	0.437	0.399	0.357	0.319	0.277	0.246
	F	0.766	0.869	1.106	1.824	INF	INF	INF	INF
0.7	N	0.563	0.525	0.479	0.431	0.380	0.335	0.287	0.252
	F	0.959	1.142	1.638	4.426	INF	INF	INF	INF
0.8	N	0.620	0.572	0.515	0.458	0.398	0.348	0.295	0.257
	F	1.185	1.497	2.575	INF	INF	INF	INF	INF
1	N	0.720	0.652	0.575	0.502	0.427	0.367	0.306	0.264
	F	1.769	2.656	13.229	INF	INF	INF	INF	INF
1.2	N	0.807	0.720	0.624	0.536	0.449	0.381	0.314	0.268
	F	2.639	5.516	INF	INF	INF	INF	INF	INF
1.5	N	0.918	0.803	0.682	0.574	0.473	0.396	0.322	0.273
	F	5.206	INF	INF	INF	INF	INF	INF	INF
1.5	N	0.918	0.803	0.682	0.574	0.473	0.396	0.322	0.273
	F	5.206	INF	INF	INF	INF	INF	INF	INF
2	N	1.064	0.908	0.751	0.618	0.499	0.412	0.331	0.278
	F	208.487	INF	INF	INF	INF	INF	INF	INF
3	N	1.265	1.043	0.835	0.669	0.528	0.429	0.340	0.283
	F	INF	INF	INF	INF	INF	INF	INF	INF
5	N	1.489	1.183	0.916	0.717	0.554	0.443	0.347	0.287
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	2.027	1.482	1.074	0.801	0.597	0.467	0.359	0.294
	F	INF	INF	INF	INF	INF	INF	INF	INF

Cooke SK4

12mm

Metres

Hyperfocal Setting							
T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
6.080	4.375	3.096	2.244	1.604	1.197	0.858	0.655

U	Metres	Depth of field							
		T/2	T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.2	N	0.197	0.196	0.195	0.193	0.190	0.187	0.182	0.177
	F	0.203	0.204	0.206	0.209	0.213	0.219	0.231	0.249
0.225	N	0.221	0.219	0.216	0.213	0.209	0.204	0.197	0.190
	F	0.230	0.232	0.235	0.240	0.247	0.258	0.280	0.319
0.25	N	0.243	0.241	0.238	0.233	0.227	0.221	0.211	0.202
	F	0.257	0.260	0.265	0.272	0.284	0.302	0.341	0.417
0.275	N	0.266	0.263	0.258	0.252	0.244	0.236	0.223	0.212
	F	0.285	0.289	0.296	0.307	0.324	0.352	0.417	0.566
0.3	N	0.288	0.284	0.278	0.271	0.261	0.250	0.235	0.221
	F	0.313	0.319	0.329	0.343	0.368	0.409	0.515	0.821
0.325	N	0.310	0.305	0.297	0.288	0.276	0.263	0.245	0.229
	F	0.342	0.350	0.363	0.382	0.416	0.475	0.647	1.350
0.35	N	0.332	0.325	0.316	0.305	0.290	0.275	0.255	0.236
	F	0.372	0.381	0.398	0.423	0.469	0.553	0.831	3.122
0.4	N	0.374	0.365	0.352	0.337	0.318	0.298	0.272	0.249
	F	0.432	0.447	0.472	0.513	0.593	0.756	1.584	INF
0.45	N	0.415	0.402	0.386	0.367	0.342	0.318	0.287	0.260
	F	0.495	0.516	0.554	0.615	0.749	1.065	5.673	INF
0.5	N	0.454	0.439	0.418	0.394	0.365	0.335	0.299	0.269
	F	0.560	0.590	0.642	0.733	0.949	1.593	INF	INF
0.6	N	0.530	0.507	0.477	0.444	0.404	0.366	0.321	0.284
	F	0.698	0.750	0.846	1.032	1.596	6.470	INF	INF
0.7	N	0.601	0.571	0.531	0.488	0.438	0.391	0.337	0.295
	F	0.848	0.931	1.097	1.461	3.141	INF	INF	INF
0.8	N	0.669	0.630	0.580	0.527	0.467	0.412	0.351	0.304
	F	1.011	1.137	1.410	2.125	11.671	INF	INF	INF
1	N	0.794	0.736	0.666	0.593	0.514	0.446	0.372	0.318
	F	1.385	1.652	2.358	5.900	INF	INF	INF	INF
1.2	N	0.906	0.829	0.738	0.647	0.551	0.471	0.387	0.327
	F	1.838	2.366	4.283	INF	INF	INF	INF	INF
1.5	N	1.056	0.949	0.827	0.711	0.594	0.499	0.404	0.337
	F	2.733	4.177	23.586	INF	INF	INF	INF	INF
1.5	N	1.056	0.949	0.827	0.711	0.594	0.499	0.404	0.337
	F	2.733	4.177	23.586	INF	INF	INF	INF	INF
2	N	1.264	1.109	0.941	0.789	0.643	0.531	0.421	0.348
	F	5.334	17.906	INF	INF	INF	INF	INF	INF
3	N	1.575	1.334	1.091	0.887	0.702	0.566	0.441	0.359
	F	113.929	INF	INF	INF	INF	INF	INF	INF
5	N	1.959	1.591	1.251	0.983	0.756	0.598	0.457	0.368
	F	INF	INF	INF	INF	INF	INF	INF	INF
10	N	2.397	1.860	1.404	1.071	0.803	0.625	0.470	0.375
	F	INF	INF	INF	INF	INF	INF	INF	INF
INF	N	3.087	2.237	1.600	1.175	0.856	0.653	0.485	0.383
	F	INF	INF	INF	INF	INF	INF	INF	INF

# COOKE 16mm ZOOM LENS

## Depth of Field Tables

These depth of field tables refer specifically to the optical design used for this lens, since allowance has been made for the position of the front nodal point relative to the film plane at each focal length.

The tables are based on a disc of confusion of 0.0005 inches (0.0127mm) diameter.

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 listed at T/8.0 will be the depth obtained at a criterion for definition corresponding to a disc of confusion of 0.001 inches (0.0254mm) 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 S4 lenses to photograph in 16/Super16 format expand the in-focus area by a factor of 2.

Cooke CVK 9-50mm f/2.2

F=9mm

Feet

U Feet		Apertures						
		T/2.5	T/4	T/5.6	T/8	T/11	T/16	T/22
1' 6"	N	1' 5.0"	1' 4.5"	1' 4.0"	1' 3.3"	1' 2.5"	1' 1.6"	1' 0.7"
	F	1' 7.2"	1' 8.1"	1' 9.1"	1' 11.0"	2' 2.6"	2' 11.6"	7' 1.3"
1' 9"	N	1' 7.4"	1' 6.7"	1' 5.9"	1' 5.0"	1' 3.9"	1' 2.7"	1' 1.4"
	F	1' 9.8"	2' 0.5"	2' 2.4"	2' 6.1"	3' 2.2"	5' 8.8"	INF
2'	N	1' 9.8"	1' 8.7"	1' 7.7"	1' 6.4"	1' 5.0"	1' 3.5"	1' 2.0"
	F	2' 3.0"	2' 5.3"	2' 8.6"	3' 3.2"	4' 9.6"	20' 11.1"	INF
2' 6"	N	2' 2.1"	2' 0.4"	1' 10.8"	1' 8.9"	1' 6.9"	1' 4.9"	1' 2.9"
	F	2' 11.7"	3' 4.8"	4' 0.7"	5' 9.5"	17' 7.3"	INF	INF
3'	N	2' 6.2"	2' 3.6"	2' 1.4"	1' 11.0"	1' 8.4"	1' 5.9"	1' 3.6"
	F	3' 9.7"	4' 7.2"	6' 1.2"	12' 1.4"	INF	INF	INF
4'	N	3' 1.3"	2' 9.1"	2' 5.7"	2' 2.1"	1' 10.6"	1' 7.3"	1' 4.4"
	F	5' 10.1"	8' 3.9"	16' 7.5"	INF	INF	INF	INF
5'	N	3' 7.4"	3' 1.6"	2' 9.0"	2' 4.4"	2' 0.1"	1' 8.2"	1' 5.0"
	F	8' 7.4"	16' 3.1"	INF	INF	INF	INF	INF
7'	N	4' 5.5"	3' 8.5"	3' 1.8"	2' 7.6"	2' 2.1"	1' 9.4"	1' 5.7"
	F	18' 11.3"	INF	INF	INF	INF	INF	INF
10'	N	5' 4.6"	4' 3.4"	3' 6.4"	2' 10.5"	2' 3.8"	1' 10.4"	1' 6.2"
	F	191' 11.6"	INF	INF	INF	INF	INF	INF
15'	N	6' 5.1"	4' 10.6"	3' 10.8"	3' 1.1"	2' 5.3"	1' 11.2"	1' 6.6"
	F	INF	INF	INF	INF	INF	INF	INF
30'	N	7' 11.6"	5' 8.0"	4' 4.3"	3' 4.1"	2' 6.9"	2' 0.1"	1' 7.1"
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	10' 5.6"	6' 8.9"	4' 11.1"	3' 7.6"	2' 8.7"	2' 1.0"	1' 7.5"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke CVK 9-50mm f/2.2

F=9mm

Metric

U	Metres	Apertures						
		T/2.5	T/4	T/5.6	T/8	T/11	T/16	T/22
0.5	N	0.467	0.450	0.434	0.413	0.389	0.362	0.333
	F	0.541	0.571	0.610	0.679	0.826	1.268	19.634
0.6	N	0.546	0.519	0.494	0.463	0.429	0.392	0.354
	F	0.672	0.728	0.807	0.964	1.384	4.901	INF
0.7	N	0.620	0.582	0.548	0.507	0.462	0.416	0.370
	F	0.814	0.909	1.052	1.384	2.742	INF	INF
0.8	N	0.690	0.641	0.596	0.545	0.491	0.436	0.383
	F	0.968	1.118	1.368	2.071	11.101	INF	INF
0.9	N	0.757	0.695	0.639	0.579	0.515	0.452	0.394
	F	1.135	1.364	1.787	3.395	INF	INF	INF
1.0	N	0.820	0.744	0.679	0.608	0.536	0.466	0.403
	F	1.317	1.655	2.370	7.005	INF	INF	INF
1.2	N	0.936	0.834	0.748	0.659	0.570	0.488	0.416
	F	1.736	2.441	4.677	INF	INF	INF	INF
1.5	N	1.091	0.947	0.833	0.718	0.609	0.513	0.430
	F	2.549	4.669	233.907	INF	INF	INF	INF
2.0	N	1.307	1.096	0.938	0.788	0.654	0.539	0.446
	F	4.810	56.279	INF	INF	INF	INF	INF
3.0	N	1.629	1.299	1.073	0.873	0.704	0.568	0.461
	F	43.621	INF	INF	INF	INF	INF	INF
6.0	N	2.157	1.592	1.251	0.977	0.762	0.600	0.478
	F	INF	INF	INF	INF	INF	INF	INF
12.0	N	2.574	1.794	1.365	1.038	0.795	0.617	0.487
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	3.191	2.055	1.500	1.108	0.831	0.635	0.496
	F	INF	INF	INF	INF	INF	INF	INF

Cooke CVK 10.4-52mm f/2.5

F=10.4mm

Feet

U	Feet	Apertures						
		T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
1' 6"	N	1' 5.1"	1' 4.8"	1' 4.3"	1' 3.8"	1' 3.1"	1' 2.2"	1' 1.3"
	F	1' 7.1"	1' 7.6"	1' 8.4"	1' 9.7"	1' 11.9"	2' 4.7"	3' 6.4"
1' 9"	N	1' 7.6"	1' 7.1"	1' 6.4"	1' 5.6"	1' 4.6"	1' 3.5"	1' 2.2"
	F	1' 10.7"	1' 11.6"	2' 1.0"	2' 3.4"	2' 8.0"	3' 7.7"	9' 3.2"
2'	N	1' 10.0"	1' 9.3"	1' 8.4"	1' 7.3"	1' 6.0"	1' 4.5"	1' 3.0"
	F	2' 2.6"	2' 4.0"	2' 6.2"	2' 10.3"	3' 7.2"	6' 1.4"	INF
2' 6"	N	2' 2.5"	2' 1.3"	1' 11.9"	1' 10.2"	1' 8.2"	1' 6.2"	1' 4.2"
	F	2' 11.0"	3' 1.8"	3' 6.8"	4' 5.3"	7' 1.9"	307' 9.3"	INF
3'	N	2' 6.7"	2' 4.9"	2' 2.9"	2' 0.6"	1' 10.1"	1' 7.5"	1' 5.1"
	F	3' 8.3"	4' 1.5"	4' 11.5"	7' 1.4"	21' 9.2"	INF	INF
4'	N	3' 2.2"	2' 11.3"	2' 8.0"	2' 4.5"	2' 0.9"	1' 9.4"	1' 6.3"
	F	5' 6.6"	6' 8.8"	9' 8.8"	29' 7.5"	INF	INF	INF
5'	N	3' 8.7"	3' 4.6"	3' 0.1"	2' 7.5"	2' 2.9"	1' 10.7"	1' 7.1"
	F	7' 11.4"	10' 10.6"	23' 3.5"	INF	INF	INF	INF
7'	N	4' 7.6"	4' 0.9"	3' 6.2"	2' 11.7"	2' 5.7"	2' 0.4"	1' 8.1"
	F	15' 9.8"	37' 3.2"	INF	INF	INF	INF	INF
10'	N	5' 7.9"	4' 9.8"	4' 0.3"	3' 3.6"	2' 8.1"	2' 1.8"	1' 8.8"
	F	61' 7.9"	INF	INF	INF	INF	INF	INF
15'	N	6' 10.1"	5' 7.3"	4' 6.4"	3' 7.3"	2' 10.2"	2' 3.0"	1' 9.5"
	F	INF	INF	INF	INF	INF	INF	INF
30'	N	8' 7.6"	6' 8.6"	5' 2.3"	3' 11.8"	3' 0.7"	2' 4.4"	1' 10.2"
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	11' 8.5"	8' 4.2"	6' 0.7"	4' 5.3"	3' 3.5"	2' 5.8"	1' 10.9"
	F	INF	INF	INF	INF	INF	INF	INF

Cooke CVK 10.4-52mm f/2.5

F=10.4mm

Metric

U		Apertures						
		T/2.8	T/4	T/5.6	T/8	T/11	T/16	T/22
0.5	N	0.470	0.459	0.445	0.427	0.405	0.380	0.352
	F	0.536	0.554	0.582	0.629	0.716	0.916	1.702
0.6	N	0.551	0.533	0.511	0.484	0.452	0.416	0.379
	F	0.663	0.696	0.750	0.847	1.056	1.732	INF
0.7	N	0.627	0.602	0.571	0.534	0.492	0.447	0.400
	F	0.799	0.854	0.947	1.131	1.612	5.026	INF
0.8	N	0.700	0.666	0.626	0.579	0.527	0.472	0.417
	F	0.945	1.029	1.181	1.516	2.693	INF	INF
0.9	N	0.770	0.727	0.677	0.619	0.557	0.493	0.432
	F	1.102	1.226	1.465	2.069	5.697	INF	INF
1.0	N	0.836	0.783	0.723	0.656	0.584	0.512	0.444
	F	1.271	1.448	1.815	2.927	57.256	INF	INF
1.2	N	0.959	0.886	0.806	0.718	0.628	0.542	0.463
	F	1.651	1.991	2.834	7.833	INF	INF	INF
1.5	N	1.124	1.020	0.909	0.794	0.680	0.575	0.483
	F	2.359	3.191	6.517	INF	INF	INF	INF
2.0	N	1.357	1.201	1.043	0.886	0.741	0.613	0.505
	F	4.137	8.082	INF	INF	INF	INF	INF
3.0	N	1.711	1.459	1.221	1.002	0.812	0.655	0.529
	F	16.958	INF	INF	INF	INF	INF	INF
6.0	N	2.314	1.856	1.471	1.152	0.898	0.702	0.554
	F	INF	INF	INF	INF	INF	INF	INF
12.0	N	2.808	2.147	1.638	1.245	0.948	0.729	0.568
	F	INF	INF	INF	INF	INF	INF	INF
INF	N	3.568	2.546	1.847	1.353	1.004	0.757	0.582
	F	INF	INF	INF	INF	INF	INF	INF