



# BOLEX TECHNICAL BULLETIN

No. 2-SP59

PAILLARD Incorporated, 100 Sixth Avenue, New York 13, New York

## CHARTS FOR 36mm TELEPHOTO LENSES

### FIELD SIZES

Distance to Subject, Feet	Width ft. in.	Height ft. in.
1½	2¼	1¾
2	2¾	2
2½	3½	2½
3	4	3¼
3½	5	3½
4	6	4¼
5	7¼	5½
7	11	8
10	1 3	11
15	1 9	1 4
30	3 9	2 9
200	25	19

### FIXED FOCUS SETTING

f/1.8	120'
2.8	84'
4	58'
5.6	42'
8	29'
11	21'
16	15'
22	11'

When the scale on a focusing mount lens is set to this distance (hyper-focal distance), the depth of field extends from half this distance to infinity.

Distances are always measured from the film plane.

Distance to Subject, Feet	f/1.8		f/2.8		f/4.0		f/5.6		f/8.0		f/11		f/16		f/22	
	From	To	From	To	From	To	From	To	From	To	From	To	From	To	From	To
1¾	1' 8¾"	1' 9¼"	1' 8½"	1' 9½"	1' 8½"	1' 9½"	1' 8"	1' 9½"	1' 7½"	1' 10"	1' 7"	1' 11"	1' 6½"	2'	1' 6"	2' 1"
2	1' 11¾"	2' ¼"	1' 11½"	2' ½"	1' 11½"	2' 1"	1' 11"	2' 1½"	1' 10"	2' 2"	1' 9½"	2' 2½"	1' 9"	2' 3"	1' 8½"	2' 5"
2½	2' 5½"	2' 6½"	2' 5"	2' 7"	2' 5"	2' 7½"	2' 4"	2' 8"	2' 3½"	2' 9"	2' 3"	2' 10"	2' 2"	3' 1"	2'	3' 8"
3	2' 11½"	3' 1"	2' 11"	3' 1"	2' 10"	3' 2"	2' 9"	3' 3"	2' 9"	3' 4"	2' 7"	3' 6"	2' 6"	3' 9"	2' 4"	4' 2"
3½	3' 5"	3' 7"	3' 5"	3' 8"	3' 4"	3' 9"	3' 3"	3' 10"	3' 2"	4'	3'	4' 2"	2' 10"	4' 6"	2' 8"	5' 2"
4	3' 10½"	4' 2"	3' 10"	4' 2"	3' 9"	4' 3"	3' 8"	4' 5"	3' 6"	4' 8"	3' 5"	5'	3' 2"	5' 6"	2' 11"	6' 3"
5	4' 10"	5' 3"	4' 9"	5' 4"	4' 7"	5' 6"	4' 6"	5' 8"	4' 3"	6'	4'	6' 6"	3' 9"	7' 6"	3' 5"	9' 2"
7	6' 7"	7' 5"	6' 6"	7' 7"	6' 3"	8'	6'	8' 5"	5' 8"	8' 10"	5' 3"	11'	4' 9"	13'	4' 3"	19'
10	9' 3"	10' 10"	9'	11' 4"	8' 6"	12'	8'	13'	7' 6"	15'	6' 10"	19'	6'	30'	5' 3"	110'
15	13' 4"	17'	13'	18'	12'	20'	11'	23'	10'	31'	8' 9"	52'	7' 6"	Inf.	6' 4"	Inf.
30	24'	40'	22'	47'	20'	62'	18'	105'	15'	Inf.	12'	Inf.	10'	Inf.	8'	Inf.
200	75'	Inf.	59'	Inf.	45'	Inf.	35'	Inf.	25'	Inf.	19'	Inf.	14'	Inf.	10'	Inf.
Inf.	120	Inf.	84'	Inf.	58'	Inf.	42'	Inf.	29'	Inf.	21'	Inf.	15'	Inf.	11'	Inf.