



BOLEX TECHNICAL BULLETIN

No. 6-SP59

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

CHARTS FOR 25 and 26mm STANDARD LENSES

FIELD SIZES

Distance to Subject, Feet	Width		Height	
	ft.	in.	ft.	in.
1 1/2		6		4 1/2
1 3/4		7 1/2		5 1/2
2		8 1/2		6 1/4
2 1/4		9 1/2		7
2 1/2		10 1/2		7 3/4
2 3/4		11 3/4		8 1/2
3	1	1		9 1/4
3 1/2	1	3 1/2	1 1/2	11
4	1	6	1	1
5	1	10	1	4
7	2	7 1/2	1	11
10	3	8	2	8
15	5	6	4	
30	11		8	
200	73		53	

FIXED FOCUS SETTING

f/0.9	100'
1.4	60'
1.9	43'
2.8	30'
4	21'
5.6	15'
8	10'
11	7'
16	5'
22	4'

When the focusing scale is set to this distance (hyperfocal distance), the depth of field extends from half this distance to infinity.

Distance to Subject, Feet	f/0.9		f/1.4, f/1.5		f/1.8, f/1.9 f/2.0		f/2.8		f/4.0		f/5.6		f/8.0		f/11		f/16	
	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to
1 1/2	1' 5 3/4"	1' 6 1/4"	1' 5 1/2"	1' 6 1/2"	1' 5 1/2"	1' 6 1/2"	1' 5"	1' 7"	1' 5"	1' 7"	1' 4"	1' 8"	1' 4"	1' 9"	1' 3"	1' 10"	1' 2"	2' 1"
1 3/4	1' 8 3/4"	1' 9 1/4"	1' 8"	1' 10"	1' 8"	1' 10"	1' 8"	1' 10"	1' 7"	1' 11"	1' 7"	2'	1' 6"	2' 1"	1' 5"	2' 3"	1' 4"	2' 8"
2	1' 11 1/2"	2' 1/2"	1' 11"	2' 1"	1' 11"	2' 1"	1' 11"	2' 2"	1' 10"	2' 3"	1' 9"	2' 4"	1' 8"	2' 6"	1' 7"	2' 9"	1' 5"	3' 3"
2 1/4	2' 2 1/2"	2' 3 1/2"	2' 2"	2' 4"	2' 1"	2' 5"	2' 1"	2' 5"	2'	2' 6"	1' 11"	2' 7"	1' 9"	2' 11"	1' 8"	3' 2"	1' 7"	4'
2 1/2	2' 5 1/2"	2' 6 1/2"	2' 5"	2' 7"	2' 4"	2' 7"	2' 4"	2' 8"	2' 3"	2' 9"	2' 2"	3'	2'	3' 4"	1' 9"	3' 8"	1' 8"	4' 7"
2 3/4	2' 8"	2' 10"	2' 7"	2' 11"	2' 7"	2' 11"	2' 6"	3'	2' 5"	3' 2"	2' 4"	3' 4"	2' 2"	3' 9"	2'	4' 4"	1' 9"	5' 10"
3	2' 11"	3' 1"	2' 10"	3' 2"	2' 10"	3' 2"	2' 9"	3' 4"	2' 8"	3' 6"	2' 6"	3' 9"	2' 4"	4' 2"	2' 2"	5'	1' 11"	7' 1"
3 1/2	3' 5"	3' 7"	3' 4"	3' 9"	3' 3"	3' 10"	3' 2"	4'	3'	4' 2"	2' 10"	4' 7"	2' 7"	5' 3"	2' 5"	6' 6"	2' 1"	10' 8"
4	3' 10"	4' 2"	3' 9"	4' 4"	3' 7"	4' 5"	3' 6"	4' 7"	3' 4"	4' 11"	3' 2"	5' 6"	2' 11"	6' 6"	2' 7"	8' 6"	2' 3"	17' 4"
5	4' 7"	5' 4"	4' 6"	5' 6"	4' 6"	5' 8"	4' 3"	6'	4'	6' 7"	3' 9"	7' 6"	3' 5"	9' 7"	3'	14' 3"	2' 7"	130'
7	6' 5"	7' 7"	6' 3"	7' 11"	6'	8' 5"	5' 9"	9' 2"	5' 3"	10' 6"	4' 9"	13' 3"	4' 2"	21' 4"	3' 8"	93'	3'	Inf.
10	9'	11' 2"	8' 1"	12'	8' 1"	13'	7' 6"	15' 1"	6' 9"	19' 4"	6'	30' 9"	5' 1"	277'	4' 4"	Inf.	3' 5"	Inf.
15	14'	18'	12'	20'	11'	23'	10'	30'	8' 8"	52'	7' 6"	Inf.	6' 3"	Inf.	5'	Inf.	3' 10"	Inf.
30	23'	44'	20'	60'	17'	100'	15'	Inf.	12'	Inf.	10'	Inf.	7' 9"	Inf.	6'	Inf.	4' 5"	Inf.
200	64'	Inf.	46'	Inf.	36'	Inf.	26'	Inf.	19'	Inf.	14'	Inf.	10'	Inf.	7' 4"	Inf.	5' 1"	Inf.

This table is based on a circle of confusion of 1/1000" for critical work.