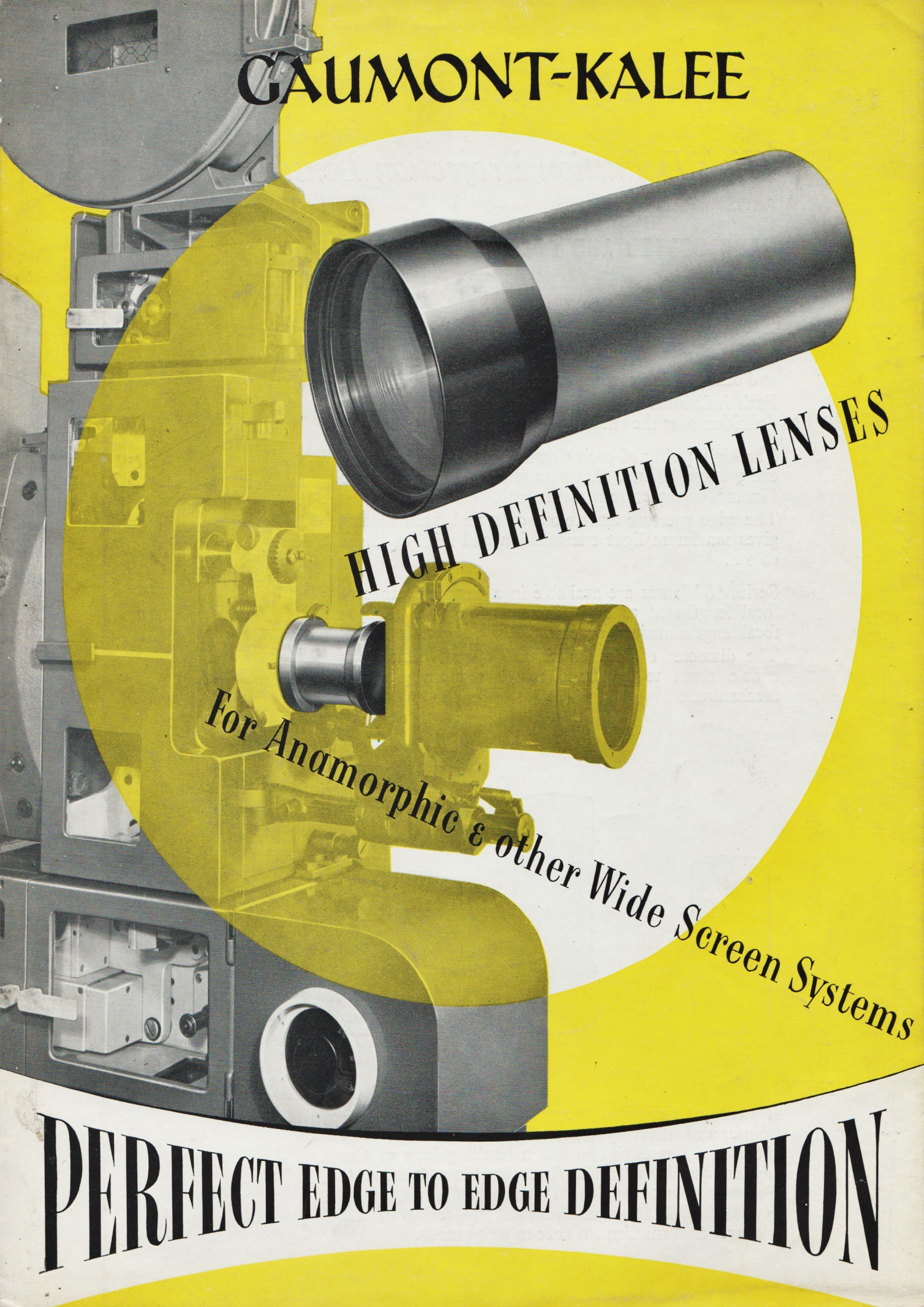




GAUMONT-KALEE

HIGH DEFINITION LENSES

For Anamorphic & other Wide Screen Systems

PERFECT EDGE TO EDGE DEFINITION

GAUMONT-KALEE

High Definition Projection Lenses SERIES 'S'

HARD COATED AND COLOUR CORRECTED

Series 'S' Lenses are designed for use with the Gaumont-Kalee Anamorphic Lens, for CinemaScope, and other Wide Screen presentations.

Each individual lens is precision collimated for crisp definition over the entire wide picture area.

The high quality of each element, and manufacture at every stage, ensures that maximum resolution of the CinemaScope picture is maintained.

The wide aperture and colour-corrected, hard coating gives maximum light transmission and faithful image colour.

Series 'S' lenses are available in a complete range of focal lengths 2" to 8" in increments of $\frac{1}{4}$ ". Longer focal lengths made to order.

The diameter of lens barrel and overall dimensions enable them to be fitted to all modern projector mechanisms.



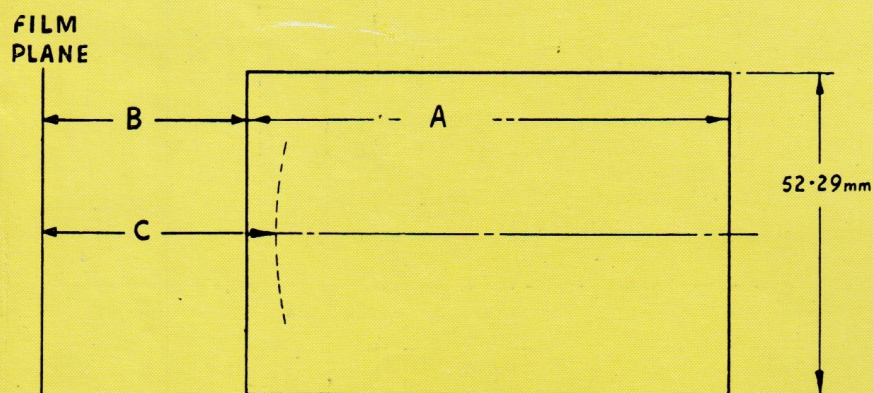
NOTE

Because of the great magnification with CinemaScope, and other systems of wide screen presentation, it is essential to use a backing lens of the highest quality with the Anamorphic attachment. Gaumont-Kalee Series 'S' lenses are designed to give high definition, undistorted projection of the picture, and maximum screen brightness.

High Definition Projection Lenses SERIES 'S'

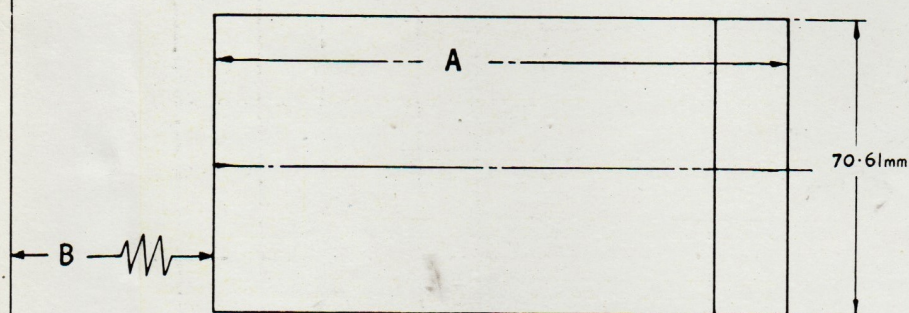
TABLE OF DIMENSIONS

2" to 3 $\frac{3}{4}$ " FOCUS LENSES



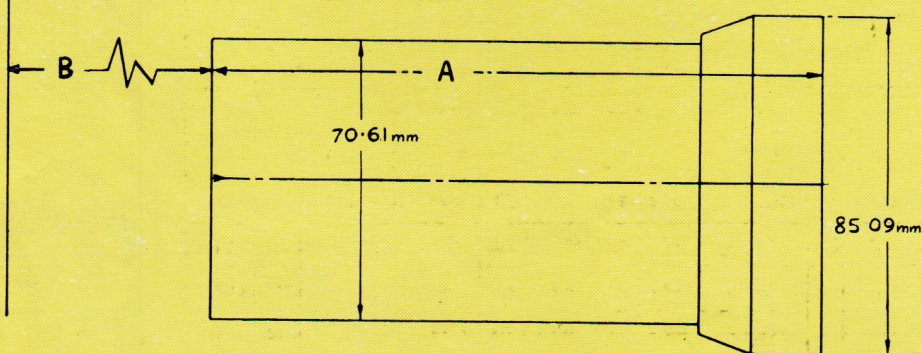
EQUIVALENT FOCUS		VALUE	A		B		C	
ins.	mm		ins.	mm	ins.	mm	ins.	mm
2	50.80	1.8	2.975	75.5	1 $\frac{1}{32}$	37.30	1.627	41.32
2 $\frac{1}{8}$	53.975	1.8	3.035	77	1 $\frac{1}{16}$	39.68	1.73	43.94
2 $\frac{1}{4}$	57.15	1.8	3.125	79.3	1 $\frac{1}{8}$	42.06	1.83	46.48
2 $\frac{1}{2}$	63.5	1.8	3.375	85.7	1 $\frac{1}{4}$	46.03	2.03	51.56
2 $\frac{3}{4}$	69.85	1.8	3.565	90.5	2 $\frac{1}{16}$	52.38	2.24	56.89
3	76.20	2.0	4	101.6	1 $\frac{1}{8}$	39.68	1.71	43.43
3 $\frac{1}{4}$	82.55	2.0	4	101.6	1 $\frac{1}{4}$	43.65	1.85	46.99
3 $\frac{1}{2}$	88.90	2.0	4 $\frac{1}{8}$	111.1	1 $\frac{1}{8}$	47.62	2	50.80
3 $\frac{3}{4}$	95.25	2.0	4 $\frac{1}{2}$	117.4	1 $\frac{1}{4}$	50.00	2.14	54.35

4" to 4 $\frac{3}{4}$ " FOCUS LENSES



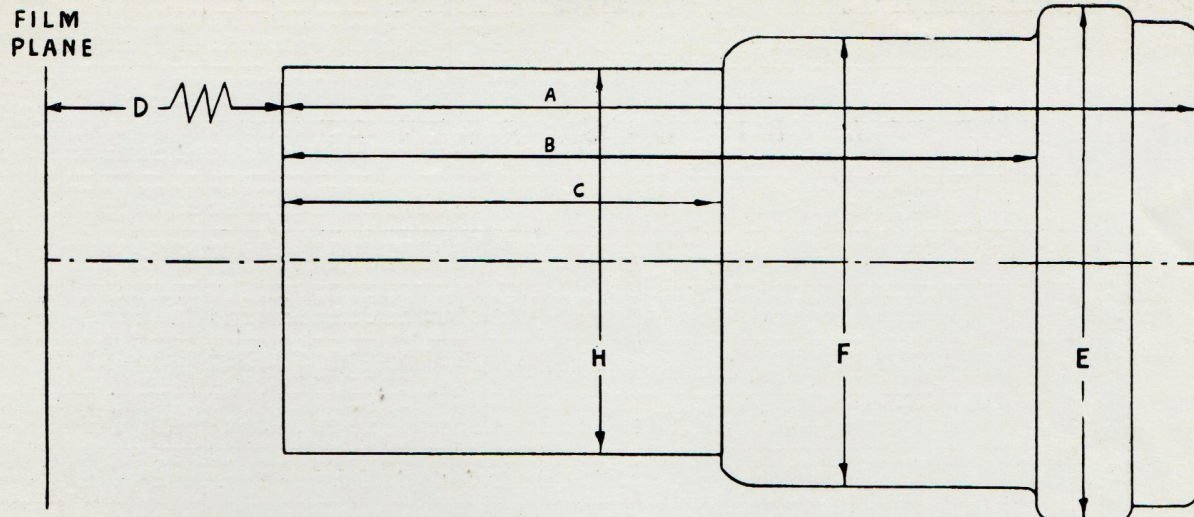
EQUIVALENT FOCUS		VALUE	A		B	
ins.	mm		ins.	mm	ins.	mm
4	101.6	1.9	4.97	126.2	3.16	80.26
4 $\frac{1}{4}$	107.95	1.9	5.13	130.3	3.48	88.39
4 $\frac{1}{2}$	114.3	1.9	6.13	155.7	2.98	75.69
4 $\frac{3}{4}$	120.65	1.9	6.5	165.1	3.31	84.07

5" to 5 $\frac{1}{2}$ " FOCUS LENSES



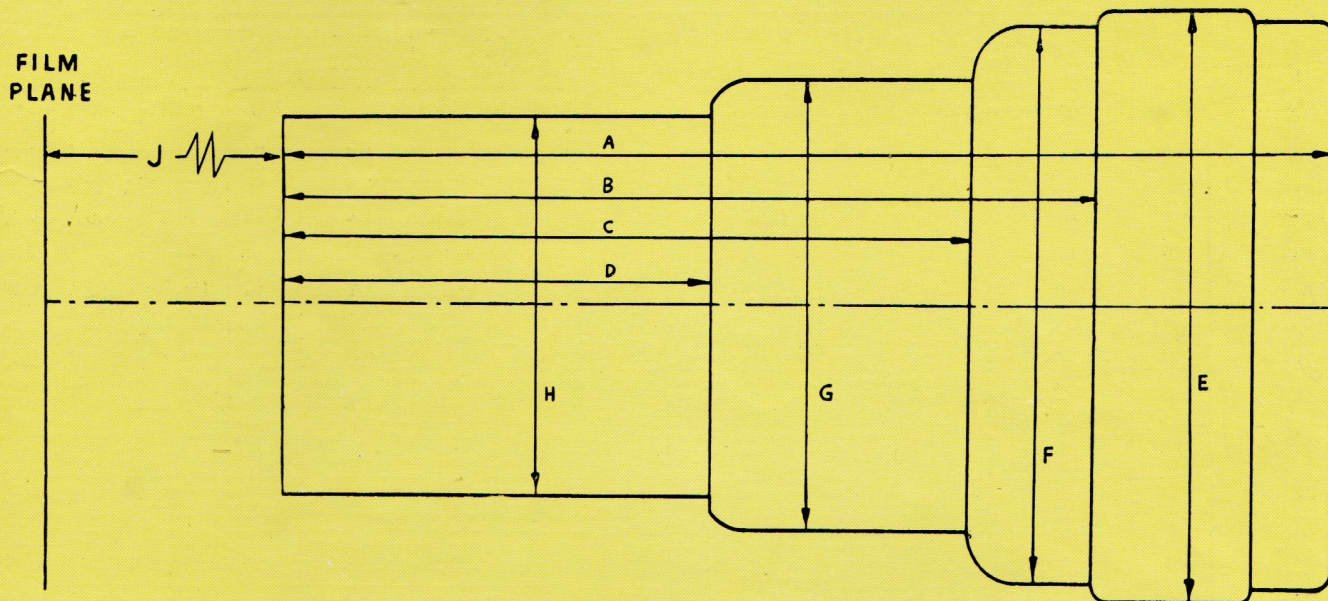
EQUIVALENT FOCUS		VALUE	A		B	
ins.	mm		ins.	mm	ins.	mm
5	127.0	1.9	7.06	179.3	3.25	82.55
5 $\frac{1}{4}$	133.35	1.9	7.53	191.2	3.19	81.03
5 $\frac{1}{2}$	139.7	1.9	8.01	203.4	3.19	81.03
5 $\frac{3}{4}$	146.0	1.9	8.48	215.3	3.19	81.03

6" to 6 1/4" FOCUS LENSES



EQUIVALENT FOCUS		VALUE	A		B		C		D		E		F		H	
ins.	mm		ins.	mm	ins.	mm	ins.	mm	ins.	mm	ins.	mm	ins.	mm	ins.	mm
6	152.4	1.9	7 3/16	182.5	5 7/8	149.2	3 7/16	87.3	2 1/8	53.97	3.72	94.4	3 3/16	80.9	2.778	70.56
6 1/4	158.75	1.9	7 3/8	187.3	6	152.4	3 3/8	85.7	2 1/4	57.15	3.86	98	3 3/16	80.9	2.778	70.56

6 1/2" to 8" FOCUS LENSES



EQUIVALENT FOCUS		VALUE	A		B		C		D		E		F		G		H		J		BF	
ins.	mm		ins.	mm	ins.	mm	ins.	mm	ins.	mm	ins.	mm	ins.	mm	ins.	mm	ins.	mm	ins.	mm	ins.	mm
6 1/2	165.1	1.9	7 13/16	198.4	6 1/8	155.5	5 1/4	146	3 1/4	82.5	4.02	102.1			3 3/16	80.9	2.778	70.56	2 3/8	60.32		
6 3/4	171.45	1.9	7 31/32	202.4	6 33/32	170.6	6 3/32	154.7	3 13/32	91.2	4.16	105.6			3 3/16	80.9	2.778	70.56	2 1/2	63.50		
7	177.8	1.9	8 5/16	211.1	6 15/32	164.3	5 15/32	138.9	3 3/8	85.7	4.30	109.2	4 1/16	103.1	3 3/16	80.9	2.778	70.56	2 3/8	66.67		
7 1/4	184.1	1.9	8 1/2	215.9	6 11/16	169.8	5 1/2	139.7	3 1/4	82.5	4 5/8	117.4	4 1/8	104.7	3 3/16	80.9	2.778	70.56			2.606	66.19
7 1/2	190.5	1.9	8 13/16	223.8	7 1/16	179.3	5 7/8	149.2	3 5/8	92.0	4 5/8	117.4	4 1/8	104.7	3 3/16	80.9	2.778	70.56			2.696	68.47
7 3/4	196.8	1.9	9 1/16	230.1	7 1/4	184.1	5 5/16	134.9	3	76.2	4 7/8	123.8	4 1/4	107.9	3 3/16	80.9	2.778	70.56			2.786	70.75
8	203.2	1.9	9 5/16	236.5	7 1/2	190.5	5 9/16	141.2	3 1/4	82.5	4 7/8	123.8	4 1/4	107.9	3 3/16	80.9	2.778	70.56			2.876	73.05

Projection table for

SERIES 'S' LENSES

Showing dimensions of Screen
Picture at different distances with
Lenses of different focal lengths.

SIZES ARE GIVEN TO THE NEAREST TENTH OF A FOOT

FOCAL LENGTH INCHES	PROJECTION DISTANCE — FEET																
	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'	150'	160'	170'	180'	190'	200'
2.00	36.5	45.6	54.7	63.8	72.9	82.0	91.2										
2.25	32.4	40.5	48.6	56.7	64.8	72.9	81.0										
2.50	29.3	36.5	43.7	51.0	58.3	65.6	72.9	80.2									
2.75	26.5	33.1	39.8	46.4	53.0	59.6	66.3	72.9	79.6								
3.00	24.3	30.4	36.5	42.5	48.6	54.7	60.1	66.9	72.9	79.0							
3.25	22.4	28.1	33.7	39.3	44.9	50.5	56.1	61.7	67.3	72.9	78.5						
3.50	20.8	26.0	31.3	36.5	41.7	46.9	52.1	57.3	62.5	67.7	72.9	78.1					
3.75	19.4	24.3	29.2	34.0	38.9	43.7	48.6	53.5	58.4	63.2	68.1	72.9	77.8				
4.00	17.6	22.8	27.3	31.9	36.5	41.0	45.6	50.1	54.7	59.3	63.8	68.4	72.9	77.5			
4.25	16.1	21.4	25.7	30.0	34.3	38.6	42.9	47.2	51.5	55.8	60.0	64.4	68.6	72.9	77.2		
4.50	14.8	20.3	24.3	28.4	32.4	36.5	40.5	44.5	48.6	52.6	56.7	60.7	64.8	68.8	72.9	77.0	
4.75	13.6	19.2	23.0	26.9	30.7	34.5	38.4	42.2	46.1	49.9	53.7	57.6	61.4	65.3	69.1	72.9	76.8
5.00	12.5	18.1	21.9	25.5	29.2	32.8	36.5	40.1	43.8	47.4	51.0	54.7	58.3	62.0	65.6	69.2	72.9
5.25	11.4	17.0	20.8	24.3	27.8	31.2	34.7	38.2	41.7	45.2	48.6	52.1	55.6	59.0	62.5	66.0	69.4
5.50	10.4	16.0	19.9	23.2	26.5	29.8	33.1	36.5	39.8	43.1	46.4	49.7	53.0	56.3	59.6	63.0	66.3
5.75	9.5	15.1	18.8	22.2	25.4	28.5	31.7	34.9	38.0	41.2	44.4	47.6	50.7	53.9	57.1	60.2	63.4
6.00	8.7	14.3	17.9	21.3	24.3	27.3	30.4	33.4	36.5	39.5	42.6	45.6	48.6	51.7	54.7	57.7	60.8
6.25	8.0	13.6	17.1	20.4	23.4	26.4	29.4	32.4	35.4	38.4	41.4	44.4	47.4	50.4	53.4	56.4	59.4
6.50	7.4	12.9	16.4	19.7	22.7	25.7	28.7	31.7	34.7	37.7	40.7	43.7	46.7	49.7	52.7	55.7	58.7
6.75	6.9	12.3	15.8	19.1	22.1	25.1	28.1	31.1	34.1	37.1	40.1	43.1	46.1	49.1	52.1	55.1	58.1
7.00	6.4	11.7	15.1	18.4	21.4	24.4	27.4	30.4	33.4	36.4	39.4	42.4	45.4	48.4	51.4	54.4	57.4
7.25	6.0	11.2	14.6	17.9	20.9	23.9	26.9	29.9	32.9	35.9	38.9	41.9	44.9	47.9	50.9	53.9	56.9
7.50	5.6	10.7	14.1	17.4	20.4	23.4	26.4	29.4	32.4	35.4	38.4	41.4	44.4	47.4	50.4	53.4	56.4
7.75	5.2	10.2	13.6	16.9	19.9	22.9	25.9	28.9	31.9	34.9	37.9	40.9	43.9	46.9	49.9	52.9	55.9
8.00	4.9	9.8	13.2	16.5	19.5	22.5	25.5	28.5	31.5	34.5	37.5	40.5	43.5	46.5	49.5	52.5	55.5
8.25	4.6	9.3	12.7	16.0	19.0	22.0	25.0	28.0	31.0	34.0	37.0	40.0	43.0	46.0	49.0	52.0	55.0
8.50	4.3	8.9	12.2	15.5	18.5	21.5	24.5	27.5	30.5	33.5	36.5	39.5	42.5	45.5	48.5	51.5	54.5
8.75	4.1	8.5	11.9	15.2	18.2	21.2	24.2	27.2	30.2	33.2	36.2	39.2	42.2	45.2	48.2	51.2	54.2
9.00	3.8	8.1	11.4	14.7	17.7	20.7	23.7	26.7	29.7	32.7	35.7	38.7	41.7	44.7	47.7	50.7	53.7
9.25	3.6	7.8	11.1	14.4	17.4	20.4	23.4	26.4	29.4	32.4	35.4	38.4	41.4	44.4	47.4	50.4	53.4
9.50	3.4	7.5	10.8	14.1	17.1	20.1	23.1	26.1	29.1	32.1	35.1	38.1	41.1	44.1	47.1	50.1	53.1
9.75	3.2	7.2	10.5	13.8	16.8	19.8	22.8	25.8	28.8	31.8	34.8	37.8	40.8	43.8	46.8	49.8	52.8
10.00	3.0	7.0	10.2	13.5	16.5	19.5	22.5	25.5	28.5	31.5	34.5	37.5	40.5	43.5	46.5	49.5	52.5

SIZES GIVEN ARE TO THE NEAREST TENTH OF A FOOT

▼ CINEMASCOPE APERTURE 0.912" × 0.715"

▲ STANDARD APERTURE 0.825" × 0.600"

The actual Picture widths in these
tables are calculated upon the
chord of the screen and not upon
the arc.

C—CHORD
A—ARC LENGTH
r—RADIUS

FOCAL LENGTH INCHES	PROJECTION DISTANCE — FEET																
	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'	150'	160'	170'	180'	190'	200'
2.00	16.4	20.5	24.6	28.8	32.9	37.0	41.1	45.3									
2.25	15.5	19.4	23.3	27.2	31.1	34.9	38.8	42.7									
2.50	14.6	18.3	22.0	25.6	29.2	32.9	36.6	40.2	43.9	47.5							
2.75	13.1	16.4	19.7	23.0	26.3	29.6	32.9	36.2	39.5	42.8	45.6						
3.00	12.0	15.0	17.9	20.9	23.9	26.9	29.9	32.9	36.0	39.0	42.0	45.0	48.1				
3.25	10.9	13.7	16.4	19.2	22.0	24.6	27.4	30.2	32.9	35.7	38.4	41.1	43.9	46.7			
3.50	10.1	12.7	15.2	17.7	20.2	22.8	25.3	27.8	30.4	32.9	35.5	38.0	40.5	43.0	45.6		
3.75	9.4	11.7	14.1	16.4	18.8	21.1	23.5	25.9	28.3	30.5	32.7	35.0	37.3	39.5	41.7	43.9	
4.00	8.8	11.0	13.2	15.4	17.6	19.8	22.0	24.2	26.4	28.6	30.8	32.9	35.1	37.3	39.5	41.7	
4.25	8.2	10.4	12.6	14.8	16.9	19.1	21.3	23.5	25.7	27.9	29.9	31.9	34.0	36.1	38.2	40.3	
4.50	7.7	9.9	12.1	14.3	16.5	18.7	20.9	23.1	25.3	27.5	29.7	31.9	34.1	36.3	38.5	40.7	
4.75	7.1	9.3	11.5	13.7	15.9	18.1	20.3	22.5	24.7	26.9	29.1	31.3	33.5	35.7	37.9	40.1	
5.00	6.6	8.8	11.0	13.2	15.4	17.6	19.8	22.0	24.2	26.4	28.6	30.8	32.9	35.1	37.3	39.5	
5.25	6.1	8.3	10.5	12.7	14.9	17.1	19.3	21.5	23.7	25.9	28.1	30.3	32.5	34.7	36.9	39.1	
5.50	5.6	7.8	10.0	12.2	14.4	16.6	18.8	21.0	23.2	25.4	27.6	29.8	31.9	34.1	36.3	38.5	
5.75	5.1	7.3	9.5	11.7	13.9	16.1	18.3	20.5	22.7	24.9	27.1	29.3	31.5	33.7	35.9	38.1	
6.00	4.7	6.9	9.1	11.3	13.5	15.7	17.9	20.1	22.3	24.5	26.7	28.9	31.1	33.3	35.5	37.7	
6.25	4.3	6.5	8.7	10.9	13.1	15.3	17.5	19.7	21.9	24.1	26.3	28.5	30.7	32.9	35.1	37.3	
6.50	4.0	6.2	8.4	10.6	12.8	15.0	17.2	19.4	21.6	23.8	26.0	28.2	30.4	32.6	34.8	37.0	
6.75	3.7	5.9	8.1	10.3	12.5	14.7	16.9	19.1	21.3	23.5	25.7	27.9	30.1	32.3	34.5	36.7	
7.00	3.4	5.6	7.8	10.0	12.2	14.4	16.6	18.8	21.0	23.2	25.4	27.6	29.8	31.9	34.1	36.3	
7.25	3.2	5.4	7.6	9.8	12.0	14.2	16.4	18.6	20.8	23.0	25.2	27.4	29.6	31.8	33.9	36.1	
7.50	3.0	5.2	7.4	9.6	11.8	14.0	16.2	18.4	20.6	22.8	25.0	27.2	29.4	31.6	33.8	36.0	
7.75	2.8	5.0	7.2	9.4	11.6	13.8	16.0	18.2	20.4	22.6	24.8	27.0	29.2	31.4	33.6	35.8	
8.00	2.6	4.8	7.0	9.2	11.4	13.6	15.8	18.0	20.2	22.4	24.6	26.8	29.0	31.2	33.4	35.6	
8.25	2.4	4.6	6.8	9.0	11.2	13.4	15.6	17.8	20.0	22.2	24.4	26.6	28.8	31.0	33.2	35.4	
8.50	2.3	4.5	6.7	8.9	11.1	13.3	15.5	17.7	19.9	22.1	24.3	26.5	28.7	30.9	33.1	35.3	
8.75	2.2	4.4	6.6	8.8	11.0	13.2	15.4	17.6	19.8	22.0	24.2	26.4	28.6	30.8	33.0	35.2	
9.00	2.1	4.3	6.5	8.7	10.9	13.1	15.3	17.5	19.7	21.9	24.1	26.3	28.5	30.7	32.9	35.1	
9.25	2.0	4.2	6.4	8.6	10.8	13.0	15.2	17.4	19.6	21.8	24.0	26.2	28.4	30.6	32.8	35.0	
9.50	1.9	4.1	6.3	8.5	10.7	12.9	15.1	17.3	19.5	21.7	23.9	26.1	28.3	30.5	32.7	34.9	
9.75	1.8	4.0	6.2	8.4	10.6	12.8	15.0	17.2	19.4	21.6	23.8	26.0	28.2	30.4	32.6	34.8	
10.00	1.7	3.9	6.1	8.3	10.5	12.7	14.9	17.1	19.3	21.5	23.7	25.9	28.1	30.3	32.5	34.7	

SIZES GIVEN ARE TO THE NEAREST TENTH OF A FOOT



*can supply
everything for*

ANAMORPHIC

& OTHER WIDE SCREEN SYSTEMS

ANAMORPHIC LENSES

HIGH DEFINITION LENSES

PROJECTOR MECHANISMS

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MAGNETIC SOUNDHEAD

OPTICAL SOUNDHEAD

AMPLIFIER SYSTEMS

SCREEN & EFFECTS LOUDSPEAKERS

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WESTONE SEAMLESS SILVER SCREEN

TUBULAR STEEL SCREEN FRAME

MAGNASCOPIC MASKING

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