



# CINE LENSES

## Relative Focal Lengths and Apertures for Thalia Lenses - ARRI Cameras

Thalia Lenses		Sensor (in mm)				Lens Angle of View (Relative Value based on Horizontal Angle)					
Focal Length	Aperture	Sensor Type	Horiz.	Vert.	Diag.	Horiz.	Vert.	Diag.	Horizontal Comparison	Relative Focal Length	Relative Aperture
24 mm	T3.6	<b>ARRI Alexa LF</b>	36.7	25.54	44.7	74.8°	56.°	85.9°	1.5x	16 mm	T2.4
30 mm	T2.9	4.5K Open Gate	36.7	25.54	44.7	62.9°	46.1°	73.4°	1.5x	20 mm	T1.9
35 mm	T2.6		36.7	25.54	44.7	55.3°	40.1°	65.1°	1.5x	23 mm	T1.7
45 mm	T2.9		36.7	25.54	44.7	44.4°	31.7°	52.8°	1.5x	29 mm	T1.9
55 mm	T2.8		36.7	25.54	44.7	36.9°	26.1°	44.2°	1.5x	36 mm	T1.8
70 mm	T2.6		36.7	25.54	44.7	29.4°	20.7°	35.4°	1.5x	46 mm	T1.7
100 mm	T2.2		36.7	25.54	44.7	20.8°	14.6°	25.2°	1.5x	65 mm	T1.4
120 mm	T2.6		36.7	25.54	44.7	17.4°	12.1°	21.1°	1.5x	78 mm	T1.7
180 mm	T3.6		36.7	25.54	44.7	11.6°	8.1°	14.2°	1.5x	118 mm	T2.4
24 mm	T3.6	<b>ARRI Alexa LF</b>	36.7	15.31	39.8	74.8°	35.4°	79.3°	1.5x	16 mm	T2.4
30 mm	T2.9	4.5K 2.39:1	36.7	15.31	39.8	62.9°	28.6°	67.1°	1.5x	20 mm	T1.9
35 mm	T2.6		36.7	15.31	39.8	55.3°	24.7°	59.2°	1.5x	23 mm	T1.7
45 mm	T2.9		36.7	15.31	39.8	44.4°	19.3°	47.7°	1.5x	29 mm	T1.9
55 mm	T2.8		36.7	15.31	39.8	36.9°	15.8°	39.8°	1.5x	36 mm	T1.8
70 mm	T2.6		36.7	15.31	39.8	29.4°	12.5°	31.7°	1.5x	46 mm	T1.7
100 mm	T2.2		36.7	15.31	39.8	20.8°	8.8°	22.5°	1.5x	65 mm	T1.4
120 mm	T2.6		36.7	15.31	39.8	17.4°	7.3°	18.8°	1.5x	78 mm	T1.7
180 mm	T3.6		36.7	15.31	39.8	11.6°	4.9°	12.6°	1.5x	118 mm	T2.4
24 mm	T3.6	<b>ARRI Alexa LF</b>	31.68	17.82	36.3	66.8°	40.7°	74.3°	1.3x	18 mm	T2.7
30 mm	T2.9	4K 16:9	31.68	17.82	36.3	55.7°	33.1°	62.4°	1.3x	23 mm	T2.2
35 mm	T2.6		31.68	17.82	36.3	48.7°	28.6°	54.9°	1.3x	27 mm	T2.0
45 mm	T2.9		31.68	17.82	36.3	38.8°	22.4°	44.°	1.3x	34 mm	T2.2
55 mm	T2.8		31.68	17.82	36.3	32.1°	18.4°	36.6°	1.3x	42 mm	T2.1
70 mm	T2.6		31.68	17.82	36.3	25.5°	14.5°	29.1°	1.3x	53 mm	T2.0
100 mm	T2.2		31.68	17.82	36.3	18.°	10.2°	20.6°	1.3x	76 mm	T1.7
120 mm	T2.6		31.68	17.82	36.3	15.°	8.5°	17.2°	1.3x	91 mm	T2.0
180 mm	T3.6		31.68	17.82	36.3	10.1°	5.7°	11.5°	1.3x	136 mm	T2.7



# CINE LENSES

## Relative Focal Lengths and Apertures for Thalia Lenses - ARRI Cameras

Thalia Lenses		Sensor (in mm)				Lens Angle of View (Relative Value based on Horizontal Angle)					
Focal Length	Aperture	Sensor Type	Horiz.	Vert.	Diag.	Horiz.	Vert.	Diag.	Horizontal Comparison	Relative Focal Length	Relative Aperture
24 mm	T3.6	<b>ARRI Alexa Mini/SXT</b> 3.4K Open Gate	28.17	18.13	33.5	60.8°	41.4°	69.8°	1.2x	20 mm	T3.1
30 mm	T2.9		28.17	18.13	33.5	50.3°	33.6°	58.4°	1.2x	26 mm	T2.5
35 mm	T2.6		28.17	18.13	33.5	43.8°	29.°	51.1°	1.2x	30 mm	T2.2
45 mm	T2.9		28.17	18.13	33.5	34.8°	22.8°	40.8°	1.2x	38 mm	T2.5
45 mm	T2.8		28.17	18.13	33.5	34.8°	22.8°	40.8°	1.2x	38 mm	T2.4
70 mm	T2.6		28.17	18.13	33.5	22.8°	14.8°	26.9°	1.2x	60 mm	T2.2
100 mm	T2.2		28.17	18.13	33.5	16.°	10.4°	19.°	1.2x	85 mm	T1.9
120 mm	T2.6		28.17	18.13	33.5	13.4°	8.6°	15.9°	1.2x	102 mm	T2.2
180 mm	T3.6		28.17	18.13	33.5	8.9°	5.8°	10.6°	1.2x	153 mm	T3.1
24 mm	T3.6	<b>ARRI Alexa 65</b> 6.5K Open Gate	54.12	25.58	59.9	96.9°	56.1°	102.6°	2.3x	11 mm	T1.6
30 mm	T2.9		54.12	25.58	59.9	84.1°	46.2°	89.9°	2.3x	13 mm	T1.3
35 mm	T2.6		54.12	25.58	59.9	75.4°	40.1°	81.1°	2.3x	16 mm	T1.2
45 mm	T2.9		54.12	25.58	59.9	62.°	31.7°	67.3°	2.3x	20 mm	T1.3
55 mm	T2.8		54.12	25.58	59.9	52.4°	26.2°	57.1°	2.3x	24 mm	T1.2
70 mm	T2.6		54.12	25.58	59.9	42.3°	20.7°	46.3°	2.3x	31 mm	T1.2
100 mm	T2.2		54.12	25.58	59.9	30.3°	14.6°	33.3°	2.3x	44 mm	T1.0
120 mm	T2.6		54.12	25.58	59.9	25.4°	12.2°	28.°	2.3x	53 mm	T1.2
180 mm	T3.6		54.12	25.58	59.9	17.1°	8.1°	18.9°	2.3x	80 mm	T1.6
24 mm	T3.6	<b>Super35</b> (3+4 perf) 1.78	24.003	13.487	27.5	53.1°	31.4°	59.7°	1x	24 mm	T3.6
30 mm	T2.9		24.003	13.487	27.5	43.6°	25.3°	49.3°	1x	30 mm	T2.9
35 mm	T2.6		24.003	13.487	27.5	37.9°	21.8°	42.9°	1x	35 mm	T2.6
45 mm	T2.9		24.003	13.487	27.5	29.9°	17.°	34.°	1x	45 mm	T2.9
55 mm	T2.8		24.003	13.487	27.5	24.6°	14.°	28.1°	1x	55 mm	T2.8
70 mm	T2.6		24.003	13.487	27.5	19.5°	11.°	22.3°	1x	70 mm	T2.6
100 mm	T2.2		24.003	13.487	27.5	13.7°	7.7°	15.7°	1x	100 mm	T2.2
120 mm	T2.6		24.003	13.487	27.5	11.4°	6.4°	13.1°	1x	120 mm	T2.6
180 mm	T3.6		24.003	13.487	27.5	7.6°	4.3°	8.7°	1x	180 mm	T3.6



# CINE LENSES

## Relative Focal Lengths and Apertures for Thalia Lenses - RED Cameras

Thalia Lenses		Sensor (in mm)				Lens Angle of View (Relative Value based on Horizontal Angle)					
Focal Length	Aperture	Sensor Type	Horiz.	Vert.	Diag.	Horiz.	Vert.	Diag.	Horizontal Comparison	Relative Focal Length	Relative Aperture
24 mm	T3.6	<b>RED Monstro /</b>	40.96	21.6	46.3	81.°	48.5°	87.9°	1.7x	14 mm	T2.1
30 mm	T2.9	<b>Panavision DXL2</b>	40.96	21.6	46.3	68.6°	39.6°	75.3°	1.7x	18 mm	T1.7
35 mm	T2.6	8K FF	40.96	21.6	46.3	60.7°	34.3°	67.°	1.7x	21 mm	T1.5
45 mm	T2.9		40.96	21.6	46.3	48.9°	27.°	54.5°	1.7x	26 mm	T1.7
55 mm	T2.8		40.96	21.6	46.3	40.8°	22.2°	45.7°	1.7x	32 mm	T1.6
70 mm	T2.6		40.96	21.6	46.3	32.6°	17.5°	36.6°	1.7x	41 mm	T1.5
100 mm	T2.2		40.96	21.6	46.3	23.1°	12.3°	26.1°	1.7x	59 mm	T1.3
120 mm	T2.6		40.96	21.6	46.3	19.4°	10.3°	21.8°	1.7x	70 mm	T1.5
180 mm	T3.6		40.96	21.6	46.3	13.°	6.9°	14.7°	1.7x	105 mm	T2.1
24 mm	T3.6	<b>RED Monstro /</b>	38.4	21.6	44.1	77.3°	48.5°	85.1°	1.6x	15 mm	T2.3
30 mm	T2.9	<b>Panavision DXL2</b>	38.4	21.6	44.1	65.2°	39.6°	72.6°	1.6x	19 mm	T1.8
35 mm	T2.6	8K HD 1.78:1	38.4	21.6	44.1	57.5°	34.3°	64.4°	1.6x	22 mm	T1.6
45 mm	T2.9		38.4	21.6	44.1	46.2°	27.°	52.2°	1.6x	28 mm	T1.8
55 mm	T2.8		38.4	21.6	44.1	38.5°	22.2°	43.7°	1.6x	34 mm	T1.8
70 mm	T2.6		38.4	21.6	44.1	30.7°	17.5°	34.9°	1.6x	44 mm	T1.6
100 mm	T2.2		38.4	21.6	44.1	21.7°	12.3°	24.8°	1.6x	63 mm	T1.4
120 mm	T2.6		38.4	21.6	44.1	18.2°	10.3°	20.8°	1.6x	75 mm	T1.6
180 mm	T3.6		38.4	21.6	44.1	12.2°	6.9°	14.°	1.6x	113 mm	T2.3
24 mm	T3.6	<b>RED Dragon</b>	30.7	15.35	34.3	65.2°	35.5°	71.1°	1.3x	19 mm	T2.8
30 mm	T2.9	6K FF	30.7	15.35	34.3	54.2°	28.7°	59.5°	1.3x	23 mm	T2.3
35 mm	T2.6		30.7	15.35	34.3	47.4°	24.7°	52.2°	1.3x	27 mm	T2.0
45 mm	T2.9		30.7	15.35	34.3	37.7°	19.4°	41.8°	1.3x	35 mm	T2.3
55 mm	T2.8		30.7	15.35	34.3	31.2°	15.9°	34.7°	1.3x	43 mm	T2.2
70 mm	T2.6		30.7	15.35	34.3	24.7°	12.5°	27.6°	1.3x	55 mm	T2.0
100 mm	T2.2		30.7	15.35	34.3	17.5°	8.8°	19.5°	1.3x	78 mm	T1.7
120 mm	T2.6		30.7	15.35	34.3	14.6°	7.3°	16.3°	1.3x	94 mm	T2.0
180 mm	T3.6		30.7	15.35	34.3	9.7°	4.9°	10.9°	1.3x	141 mm	T2.8



# CINE LENSES

## Relative Focal Lengths and Apertures for Thalia Lenses - RED Cameras

Thalia Lenses		Sensor (in mm)				Lens Angle of View (Relative Value based on Horizontal Angle)					
Focal Length	Aperture	Sensor Type	Horiz.	Vert.	Diag.	Horiz.	Vert.	Diag.	Horizontal Comparison	Relative Focal Length	Relative Aperture
24 mm	T3.6	<b>RED Helium</b> 8K FF	29.9	15.77	33.8	63.8°	36.4°	70.3°	1.2x	19 mm	T2.9
30 mm	T2.9		29.9	15.77	33.8	53.°	29.5°	58.8°	1.2x	24 mm	T2.3
35 mm	T2.6		29.9	15.77	33.8	46.3°	25.4°	51.6°	1.2x	28 mm	T2.1
45 mm	T2.9		29.9	15.77	33.8	36.8°	19.9°	41.2°	1.2x	36 mm	T2.3
55 mm	T2.8		29.9	15.77	33.8	30.4°	16.3°	34.2°	1.2x	44 mm	T2.2
70 mm	T2.6		29.9	15.77	33.8	24.1°	12.9°	27.1°	1.2x	56 mm	T2.1
100 mm	T2.2		29.9	15.77	33.8	17.°	9.°	19.2°	1.2x	80 mm	T1.8
120 mm	T2.6		29.9	15.77	33.8	14.2°	7.5°	16.°	1.2x	96 mm	T2.1
180 mm	T3.6		29.9	15.77	33.8	9.5°	5.°	10.7°	1.2x	144 mm	T2.9
24 mm	T3.6	<b>Super35</b> (3+4 perf) 1.78	24.003	13.487	27.5	53.1°	31.4°	59.7°	1x	24 mm	T3.6
30 mm	T2.9		24.003	13.487	27.5	43.6°	25.3°	49.3°	1x	30 mm	T2.9
35 mm	T2.6		24.003	13.487	27.5	37.9°	21.8°	42.9°	1x	35 mm	T2.6
45 mm	T2.9		24.003	13.487	27.5	29.9°	17.°	34.°	1x	45 mm	T2.9
55 mm	T2.8		24.003	13.487	27.5	24.6°	14.°	28.1°	1x	55 mm	T2.8
70 mm	T2.6		24.003	13.487	27.5	19.5°	11.°	22.3°	1x	70 mm	T2.6
100 mm	T2.2		24.003	13.487	27.5	13.7°	7.7°	15.7°	1x	100 mm	T2.2
120 mm	T2.6		24.003	13.487	27.5	11.4°	6.4°	13.1°	1x	120 mm	T2.6
180 mm	T3.6		24.003	13.487	27.5	7.6°	4.3°	8.7°	1x	180 mm	T3.6



# CINE LENSES

## Relative Focal Lengths and Apertures for Thalia Lenses - SONY Cameras

Thalia Lenses		Sensor (in mm)				Lens Angle of View (Relative Value based on Horizontal Angle)					
Focal Length	Aperture	Sensor Type	Horiz.	Vert.	Diag.	Horiz.	Vert.	Diag.	Horizontal Comparison	Relative Focal Length	Relative Aperture
24 mm	T3.6	<b>Sony Venice</b>	35.9	24	43.2	73.6°	53.1°	84.°	1.5x	16 mm	T2.4
30 mm	T2.9	6K 3:2	35.9	24	43.2	61.8°	43.6°	71.5°	1.5x	20 mm	T1.9
35 mm	T2.6		35.9	24	43.2	54.3°	37.8°	63.3°	1.5x	23 mm	T1.7
45 mm	T2.9		35.9	24	43.2	43.5°	29.9°	51.3°	1.5x	30 mm	T1.9
55 mm	T2.8		35.9	24	43.2	36.1°	24.6°	42.9°	1.5x	37 mm	T1.9
70 mm	T2.6		35.9	24	43.2	28.8°	19.5°	34.3°	1.5x	47 mm	T1.7
100 mm	T2.2		35.9	24	43.2	20.4°	13.7°	24.4°	1.5x	67 mm	T1.5
120 mm	T2.6		35.9	24	43.2	17.°	11.4°	20.4°	1.5x	80 mm	T1.7
180 mm	T3.6		35.9	24	43.2	11.4°	7.6°	13.7°	1.5x	120 mm	T2.4
24 mm	T3.6	<b>Sony Venice</b>	35.9	19.4	40.8	73.6°	44.°	80.7°	1.5x	16 mm	T2.4
30 mm	T2.9	6K 1.85:1	35.9	19.4	40.8	61.8°	35.8°	68.4°	1.5x	20 mm	T1.9
35 mm	T2.6		35.9	19.4	40.8	54.3°	31.°	60.5°	1.5x	23 mm	T1.7
45 mm	T2.9		35.9	19.4	40.8	43.5°	24.3°	48.8°	1.5x	30 mm	T1.9
55 mm	T2.8		35.9	19.4	40.8	36.1°	20.°	40.7°	1.5x	37 mm	T1.9
70 mm	T2.6		35.9	19.4	40.8	28.8°	15.8°	32.5°	1.5x	47 mm	T1.7
100 mm	T2.2		35.9	19.4	40.8	20.4°	11.1°	23.1°	1.5x	67 mm	T1.5
120 mm	T2.6		35.9	19.4	40.8	17.°	9.2°	19.3°	1.5x	80 mm	T1.7
180 mm	T3.6		35.9	19.4	40.8	11.4°	6.2°	12.9°	1.5x	120 mm	T2.4
24 mm	T3.6	<b>Sony Venice</b>	35.9	15	38.9	73.6°	34.7°	78.1°	1.5x	16 mm	T2.4
30 mm	T2.9	6K 2.39:1	35.9	15	38.9	61.8°	28.1°	65.9°	1.5x	20 mm	T1.9
35 mm	T2.6		35.9	15	38.9	54.3°	24.2°	58.1°	1.5x	23 mm	T1.7
45 mm	T2.9		35.9	15	38.9	43.5°	18.9°	46.8°	1.5x	30 mm	T1.9
55 mm	T2.8		35.9	15	38.9	36.1°	15.5°	39.°	1.5x	37 mm	T1.9
70 mm	T2.6		35.9	15	38.9	28.8°	12.2°	31.1°	1.5x	47 mm	T1.7
100 mm	T2.2		35.9	15	38.9	20.4°	8.6°	22.°	1.5x	67 mm	T1.5
120 mm	T2.6		35.9	15	38.9	17.°	7.2°	18.4°	1.5x	80 mm	T1.7
180 mm	T3.6		35.9	15	38.9	11.4°	4.8°	12.3°	1.5x	120 mm	T2.4



# CINE LENSES

## Relative Focal Lengths and Apertures for Thalia Lenses - SONY Cameras

Thalia Lenses		Sensor (in mm)				Lens Angle of View (Relative Value based on Horizontal Angle)					
Focal Length	Aperture	Sensor Type	Horiz.	Vert.	Diag.	Horiz.	Vert.	Diag.	Horizontal Comparison	Relative Focal Length	Relative Aperture
24 mm	T3.6	<b>Sony Venice</b> 5.7K 16:9	33.7	18.9	38.6	70.1°	43.°	77.7°	1.4x	17 mm	T2.6
30 mm	T2.9		33.7	18.9	38.6	58.6°	35.°	65.6°	1.4x	21 mm	T2.1
35 mm	T2.6		33.7	18.9	38.6	51.4°	30.2°	57.8°	1.4x	25 mm	T1.9
45 mm	T2.9		33.7	18.9	38.6	41.1°	23.7°	46.5°	1.4x	32 mm	T2.1
55 mm	T2.8		33.7	18.9	38.6	34.1°	19.5°	38.7°	1.4x	39 mm	T2.0
70 mm	T2.6		33.7	18.9	38.6	27.1°	15.4°	30.9°	1.4x	50 mm	T1.9
100 mm	T2.2		33.7	18.9	38.6	19.1°	10.8°	21.9°	1.4x	71 mm	T1.6
120 mm	T2.6		33.7	18.9	38.6	16.°	9.°	18.3°	1.4x	85 mm	T1.9
180 mm	T3.6		33.7	18.9	38.6	10.7°	6.°	12.3°	1.4x	128 mm	T2.6
24 mm	T3.6	<b>Super35</b> (3+4 perf) 1.78	24.003	13.487	27.5	53.1°	31.4°	59.7°	1x	24 mm	T3.6
30 mm	T2.9		24.003	13.487	27.5	43.6°	25.3°	49.3°	1x	30 mm	T2.9
35 mm	T2.6		24.003	13.487	27.5	37.9°	21.8°	42.9°	1x	35 mm	T2.6
45 mm	T2.9		24.003	13.487	27.5	29.9°	17.°	34.°	1x	45 mm	T2.9
55 mm	T2.8		24.003	13.487	27.5	24.6°	14.°	28.1°	1x	55 mm	T2.8
70 mm	T2.6		24.003	13.487	27.5	19.5°	11.°	22.3°	1x	70 mm	T2.6
100 mm	T2.2		24.003	13.487	27.5	13.7°	7.7°	15.7°	1x	100 mm	T2.2
120 mm	T2.6		24.003	13.487	27.5	11.4°	6.4°	13.1°	1x	120 mm	T2.6
180 mm	T3.6		24.003	13.487	27.5	7.6°	4.3°	8.7°	1x	180 mm	T3.6



# CINE LENSES

## Relative Focal Lengths and Apertures for Thalia Lenses - CANON Cameras

Thalia Lenses		Sensor (in mm)				Lens Angle of View (Relative Value based on Horizontal Angle)					
Focal Length	Aperture	Sensor Type	Horiz.	Vert.	Diag.	Horiz.	Vert.	Diag.	Horizontal Comparison	Relative Focal Length	Relative Aperture
24 mm	T3.6	<b>Canon C700 FF</b> 5.9K Full Frame 17:9	38.1	20.1	43.1	76.9°	45.4°	83.8°	1.6x	15 mm	T2.3
30 mm	T2.9		38.1	20.1	43.1	64.8°	37.°	71.4°	1.6x	19 mm	T1.8
35 mm	T2.6		38.1	20.1	43.1	57.1°	32.°	63.2°	1.6x	22 mm	T1.6
45 mm	T2.9		38.1	20.1	43.1	45.9°	25.2°	51.2°	1.6x	28 mm	T1.8
55 mm	T2.8		38.1	20.1	43.1	38.2°	20.7°	42.8°	1.6x	35 mm	T1.8
70 mm	T2.6		38.1	20.1	43.1	30.4°	16.3°	34.2°	1.6x	44 mm	T1.6
100 mm	T2.2		38.1	20.1	43.1	21.6°	11.5°	24.3°	1.6x	63 mm	T1.4
120 mm	T2.6		38.1	20.1	43.1	18.°	9.6°	20.4°	1.6x	76 mm	T1.6
180 mm	T3.6		38.1	20.1	43.1	12.1°	6.4°	13.6°	1.6x	113 mm	T2.3
24 mm	T3.6	<b>Canon C700 FF</b> 5.9K 2.35:1 (Cinescope)	38.1	16.2	41.4	76.9°	37.3°	81.6°	1.6x	15 mm	T2.3
30 mm	T2.9		38.1	16.2	41.4	64.8°	30.2°	69.2°	1.6x	19 mm	T1.8
35 mm	T2.6		38.1	16.2	41.4	57.1°	26.1°	61.2°	1.6x	22 mm	T1.6
45 mm	T2.9		38.1	16.2	41.4	45.9°	20.4°	49.4°	1.6x	28 mm	T1.8
55 mm	T2.8		38.1	16.2	41.4	38.2°	16.8°	41.3°	1.6x	35 mm	T1.8
70 mm	T2.6		38.1	16.2	41.4	30.4°	13.2°	32.9°	1.6x	44 mm	T1.6
100 mm	T2.2		38.1	16.2	41.4	21.6°	9.3°	23.4°	1.6x	63 mm	T1.4
120 mm	T2.6		38.1	16.2	41.4	18.°	7.7°	19.6°	1.6x	76 mm	T1.6
180 mm	T3.6		38.1	16.2	41.4	12.1°	5.2°	13.1°	1.6x	113 mm	T2.3
24 mm	T3.6	<b>Canon C700 FF</b> 4K 17:9 (Super35 mode)	26.2	13.8	29.6	57.3°	32.1°	63.3°	1.1x	22 mm	T3.3
30 mm	T2.9		26.2	13.8	29.6	47.2°	25.9°	52.5°	1.1x	27 mm	T2.7
35 mm	T2.6		26.2	13.8	29.6	41.°	22.3°	45.9°	1.1x	32 mm	T2.4
45 mm	T2.9		26.2	13.8	29.6	32.5°	17.4°	36.4°	1.1x	41 mm	T2.7
55 mm	T2.8		26.2	13.8	29.6	26.8°	14.3°	30.1°	1.1x	50 mm	T2.6
70 mm	T2.6		26.2	13.8	29.6	21.2°	11.3°	23.9°	1.1x	64 mm	T2.4
100 mm	T2.2		26.2	13.8	29.6	14.9°	7.9°	16.8°	1.1x	92 mm	T2.0
120 mm	T2.6		26.2	13.8	29.6	12.5°	6.6°	14.1°	1.1x	110 mm	T2.4
180 mm	T3.6		26.2	13.8	29.6	8.3°	4.4°	9.4°	1.1x	165 mm	T3.3



# CINE LENSES

## Relative Focal Lengths and Apertures for Thalia Lenses - CANON Cameras

Thalia Lenses		Sensor (in mm)				Lens Angle of View (Relative Value based on Horizontal Angle)					
Focal Length	Aperture	Sensor Type	Horiz.	Vert.	Diag.	Horiz.	Vert.	Diag.	Horizontal Comparison	Relative Focal Length	Relative Aperture
24 mm	T3.6	<b>Super35</b> (3+4 perf) 1.78	24.003	13.487	27.5	53.1°	31.4°	59.7°	1x	24 mm	T3.6
30 mm	T2.9		24.003	13.487	27.5	43.6°	25.3°	49.3°	1x	30 mm	T2.9
35 mm	T2.6		24.003	13.487	27.5	37.9°	21.8°	42.9°	1x	35 mm	T2.6
45 mm	T2.9		24.003	13.487	27.5	29.9°	17.°	34.°	1x	45 mm	T2.9
55 mm	T2.8		24.003	13.487	27.5	24.6°	14.°	28.1°	1x	55 mm	T2.8
70 mm	T2.6		24.003	13.487	27.5	19.5°	11.°	22.3°	1x	70 mm	T2.6
100 mm	T2.2		24.003	13.487	27.5	13.7°	7.7°	15.7°	1x	100 mm	T2.2
120 mm	T2.6		24.003	13.487	27.5	11.4°	6.4°	13.1°	1x	120 mm	T2.6
180 mm	T3.6		24.003	13.487	27.5	7.6°	4.3°	8.7°	1x	180 mm	T3.6