chatercamera
motion picture camera rentals

Which Anamorphic Lenses Cover 1:2.39 Format — Updated 11/07/26

Lens coverage is for 1:2.39 format.
This chart shows lens coverage for specific camera sensor formats.
We only shows lenses which completely cover the sensor with no vignetting. A small amount of illumination falloff is acceptable if it is part of the lens design.
If your chosen camera/ shooting format is not shown, match your sensor vertical height to a format on the table.

Arri Mini LF Open Gate	**30.48 mm x 25.54mm (39.77 mm Ø)**			**3694 x 3096**
Xelmus Apollo Anamorphics	40mm	60mm	100mm	
Atlas Mercury 1.5x Anamorphics	36mm	42mm	72mm	
Kowa Anamorphics	50mm	75mm	100mm	
P+S Kowa Evolution Anamorphics	75mm	100mm	135mm	
Laowa Sunlight Zoom 70-135mm	Full Coverage			
Laowa Sunlight Zoom 40-80mm	Slight Crop 40-45mm			

Sony Venice FF 6K 3:2	**28.68 mm x 24.00 mm (37.40 mm Ø)**			**4818 x 4032**
Xelmus Apollo Anamorphics	40mm	60mm	100mm	
Atlas Mercury 1.5x Anamorphics	36mm	42mm	72mm	
Cooke Anamorphic/I 2x	75mm	135mm		
Kowa Anamorphics	50mm	75mm	100mm	
P+S Kowa Evolution Anamorphics	50mm	75mm	100mm	135mm
Laowa Sunlight Zoom 70-135mm	Full Coverage			
Laowa Sunlight Zoom 40-80mm	Slight Crop 40-43mm			

Red V Raptor 8K 4:3	**28.80 mm x 21.60 mm (36.00 mm Ø)**			**5760× 4320**
Red Monstro 8K 6:5	**25.92 mm x 21.60 mm (33.74 mm Ø)**			**5184 × 4320**
Red V Raptor 8K 6:5	**25.92 mm x 21.60 mm (33.74 mm Ø)**			**5184 × 4320**
Xelmus Apollo Anamorphics	40mm	60mm	100mm	
Atlas Mercury 1.5x Anamorphics	36mm	42mm	72mm	
Cooke Anamorphic/I 2x	75mm	100mm	135mm	
Kowa Anamorphics	50mm*	75mm	100mm	(* Also 50mm w/ 0.8x adapter = 40mm covers)
P+S Kowa Evolution Anamorphics	50mm	75mm	100mm	135mm
Atlas Orion Anamorphics	50mm	65mm	85mm	100mm
Laowa Sunlight Zoom 70-135mm	Full Coverage			
Laowa Sunlight Zoom 40-80mm	Full Coverage			

Arri Mini LF 4K DCI Netflix	**25.79 mm x 21.75mm (33.74mm Ø)**			**3148 x 2636**
Xelmus Apollo Anamorphics	40mm	60mm	100mm	
Atlas Mercury 1.5x Anamorphics	36mm	42mm	72mm	
Cooke Anamorphic/I 2x	50mm	75mm	100mm	135mm
Kowa Anamorphics	50mm	75mm	100mm	(* Also 50mm w/ 0.8x adapter = 40mm covers)
P+S Kowa Evolution Anamorphics	50mm	75mm	100mm	135mm
Atlas Orion Anamorphics	50mm	65mm	85mm	100mm
Laowa Sunlight Zoom 70-135mm	Full Coverage			
Laowa Sunlight Zoom 40-80mm	Full Coverage			

Sony Venice 4K 6:5	**24.30 mm x 20.40 mm (31.73 mm Ø)**							**4096 x 3432**
Sony Venice 2 5.8K 6:5	**24.10 mm x 20.20 mm (31.45 mm Ø)**							**5792 x 4854**
Xelmus Apollo Anamorphics	40mm	60mm	100mm					
Atlas Mercury 1.5x Anamorphics	36mm	42mm	72mm					
Cooke Anamorphic/I 2x	50mm	75mm	100mm	135mm				
Kowa Anamorphics	50mm	75mm	100mm	(* Also 50mm w/ 0.8x adapter = 40mm covers)				
P+S Kowa Evolution Anamorphics	50mm	75mm	100mm	135mm				
Atlas Orion Anamorphics	21mm	32mm	40mm	50mm	65mm	85mm	100mm	
Laowa Sunlight Zoom 70-135mm	Full Coverage							
Laowa Sunlight Zoom 40-80mm	Full Coverage							

Sony Venice 4K 4:3	**24.30mm x 18.30mm (30.42 mm Ø)**							**4096 x 3240**	
Arri Alexa 35 OG 6:5 *	**22.94mm x 19.22mm (29.93mm Ø)**							**3776 x 3164**	* Not official format
Sony Venice 2 5.8K 4:3	**24.10mm x 17.80mm (29.96mm Ø)**							**5792 x 4276**	
Red Monstro 7K 6:5	**22.70mm x 18.90mm (29.54 mm Ø)**							**4536 x 3780**	
Red V Raptor 7K 6:5	**22.68 mm x 18.90 mm (29.52 mm Ø)**							**4536 x 3780**	
Sony Burano S35 4.3K 4:3	**23.60mm x 17.70mm (29.50 mm Ø)**							**4526 x 3192**	
Red Gemini 5K 6:5	**21.60mm x 18.00mm (28.12 mm Ø)**							**3600 x 3000**	
Xelmus Apollo Anamorphics	32mm	40mm	60mm	100mm					
Atlas Mercury 1.5x Anamorphics	36mm	42mm	72mm						
Cooke Anamorphic/I 2x	25mm	32mm	40mm	50mm	75mm	100mm	135mm		
Kowa Anamorphics	40mm	50mm	75mm	100mm					
P+S Kowa Evolution Anamorphics	40mm	50mm	75mm	100mm	135mm				
Atlas Orion Anamorphics	21mm	32mm	40mm	50mm	65mm	85mm	100mm		
Laowa Sunlight Zoom 70-135mm	Full Coverage								
Laowa Sunlight Zoom 40-80mm	Full Coverage								

Arri Mini 2.8K 4:3	**21.27mm x 17.82mm (27.75mm Ø)**							**2578 x 2160**
Arri Mini LF 2.8K 4:3	**21.27mm x 17.82mm (27.75mm Ø)**							**2578 x 2160**
Arri Alexa 35 3K 1:1	**18.66mm x 18.66mm (26.39mm Ø)**							**3072 x 3072**
Arri Alexa 35 3.3K 6:5	**20.22mm x 16.95mm (26.38mm Ø)**							**3328 x 2790**
Pixboom Spark 4.6K 3:2 OG	**25.34mm x 16.90mm (30.46mm Ø)**							**4608 x 3072Pixels**
Red Komodo 6K 4:3	**18.61mm x 14.26mm (23.45mm Ø)**							**4320 x 3240**
Red Komodo 6K 6:5	**17.11mm x 14.26mm (22.27mm Ø)**							**3888 x 3240**
Xelmus Apollo Anamorphics	32mm	40mm	60mm	100mm				
Atlas Mercury 1.5x Anamorphics	36mm	42mm	72mm					
Cooke Anamorphic/I 2x	25mm	32mm	40mm	50mm	75mm	100mm	135mm	
Kowa Anamorphics	40mm	50mm	75mm	100mm				
P+S Kowa Evolution Anamorphics	40mm	50mm	75mm	100mm	135mm			
Atlas Orion Anamorphics	21mm	32mm	40mm	50mm	65mm	85mm	100mm	
Laowa Sunlight Zoom 70-135mm	Full Coverage							
Laowa Sunlight Zoom 40-80mm	Full Coverage							

chatercamera
motion picture camera rentals