	ific camera ser cover the sens is not shown, fi 40.96mm x 2	sor formats. or with no vign	etting. A small image circle Ø		ımination falloff	f is acceptable	v.omnicalcula	_	nal-of-rectangle
Tribe7 Blackwing7 Cooke Speed Panchro/i Full Frame Cinescope Leica R Zero Optik Nikkor/ AIS Zero Optik Canon FD Type SK - Canon Rangefinder Sigma Cine HS Zeiss CP.3 XD Zeiss CP.2 Superspeeds Schneider Xenon EF/ PL Leica Summicron Cooke S/4i	20.7mm 27mm 24mm 15mm 14mm 50mm 14mm 15mm 35mm 50mm	21mm 27mm 32mm 28mm 24mm 24mm 85mm 20mm 18mm 50mm 75mm	25mm 37mm 40mm 35mm 35mm 28mm 100mm 24mm 25mm 85mm 100mm	29mm 47mm 65mm Macro 50mm 58mm 35mm	35mm 57mm 575mm 60mm 85mm 55mm	50mm 77mm 100mm 80mm 105mm 85mm 40mm 85mm	65mm 107mm 135mm 100mm 200mm 135mm 50mm 100mm	85mm 100mm 137mm 152mm 135mm 135mm 400mm 200mm 300mm 80mm 105mm 135mm	135mm 135mm
Zeiss Master Prime Zeiss Ultraprime Zeiss Superspeed Zeiss Standard Zeiss Macro Arri Mini LF Open Gate Arri Signature Zeiss Supreme Tribe7 Blackwing7	50mm 65mm 65mm 50mm 100mm 36.70mm x 2 15mm 18mm 20.7mm	100mm 85mm 85mm 85mm 25.54mm (44 18mm 21mm 27mm	100mm Macr 100mm 100mm . 71 mm Ø) 21mm 25mm 37mm	135mm 135mm 25mm 29mm 47mm	35mm 35mm 57mm	4448 × 309 47mm 50mm 77mm	58mm 65mm 107mm	75mm 125mm 85mm 100mm 137mm	135mm
Cinescope Leica R Zero Optik Nikkor/ AIS Zero Optik Canon FD Type SK - Canon Rangefinder Sigma Cine HS Zeiss CP.3 XD Zeiss CP.2 Superspeeds Schneider Xenon EF/ PL Leica Summicron Cooke S/4i Cooke Speed Panchro Classic Zeiss Master Prime	24mm 15mm 14mm 50mm 14mm 15mm 35mm 50mm 100mm 65mm 65mm Macro 50mm	100mm	40mm 35mm 35mm 28mm 100mm 24mm 25mm 85mm 100mm 100mm		65mm Macro 60mm 85mm 55mm 35mm 50mm	0 75mm 80mm 105mm 85mm 40mm 85mm	100mm 100mm 200mm 135mm 50mm 100mm	135mm 152mm 135mm 400mm 200mm 300mm 80mm 105mm 135mm	135mm
Zeiss Superspeed Zeiss Standard Zeiss Macro Red Monstro 8KHD Arri Signature Zeiss Supreme Tribe7 Blackwing7 Cooke Speed Panchro/i Full Frame	65mm 50mm 100mm 38.40mm x 2 15mm 18mm 20.7mm 27mm	85mm 85mm 85mm 21.60mm (44 18mm 21mm 27mm 32mm 28mm	100mm 100mm 100	135mm 135mm 25mm 29mm 47mm 50mm 50mm	35mm 35mm 57mm 65mm Macro 60mm	7680 x 432 47mm 50mm 77mm o 75mm 80mm	20 Pixels 58mm 65mm 107mm 100mm 100mm	75mm 125mm 85mm 100mm 137mm 135mm 152mm 135mm	135mm
Zero Optik Canon FD Type SK - Canon Rangefinder Sigma Cine HS Zeiss CP.3 XD Zeiss CP.2 Superspeeds Schneider Xenon EF/ PL Leica Summicron Cooke S/4i Cooke Speed Panchro Classic Zeiss Master Prime Zeiss Ultraprime	14mm 50mm 14mm 15mm 35mm 50mm 100mm 65mm 65mm Macro 50mm 32mm	24mm 24mm 85mm 20mm 18mm 50mm 75mm 75mm 75mm 100mm 65mm	35mm 28mm 100mm 24mm 25mm 85mm 100mm 100mm 100mm 100mm 100mm	58mm 35mm 28mm 35mm 135mm	85mm 55mm 35mm 50mm	105mm 85mm 40mm 85mm	200mm 135mm 50mm 100mm	400mm 200mm 300mm 80mm 105mm 135mm	135mm
Zeiss Standard Zeiss Macro Red Monstro 7.5K Sony Venice 2 8K 3:2 Sony Venice 6K 3:2 Canon C700, C500 Mk2 FF 17:9 Arri Signature Zeiss Supreme	50mm 100mm 38.40mm x 2 35.90mm x 2 35.90mm x 2 38.10mm x 2	85mm 85mm 90.40mm (43 94.00mm (43 90.10mm (43 18mm 21mm 27mm	.18 mm Ø) .18 mm Ø)	25mm 29mm 47mm	35mm 35mm 57mm	7680 x 408 8640 x 576 6048 × 403 5592 x 314 47mm 50mm 77mm	60 Pixels 82 Pixels	75mm 125mm 85mm 100mm 137mm	135mm
Cooke Speed Panchro/i Full Frame Cinescope Leica R Zero Optik Nikkor/ AIS Zero Optik Canon FD Type SK - Canon Rangefinder Sigma Cine HS Zeiss CP.3 XD Zeiss CP.2 Superspeeds Schneider Xenon EF/ PL Leica Summicron Cooke S/4i	27mm 24mm 15mm 14mm 50mm 14mm 15mm 35mm 25mm 50mm	32mm 28mm 24mm 24mm 85mm 20mm 18mm 50mm 35mm 75mm	40mm 35mm 35mm 28mm 100mm 24mm 25mm 85mm 50mm 100mm 100mm	50mm 50mm 58mm 35mm 28mm 35mm 75mm	65mm Macro 60mm 85mm 55mm 35mm 100mm		100mm 100mm 200mm 135mm 50mm 100mm	135mm 152mm 135mm 400mm 200mm 300mm 80mm 105mm 135mm	135mm
Zeiss Superspeed Zeiss Standard Zeiss Macro Red Monstro 7.5KHD Arri Signature Zeiss Supreme Tribe7 Blackwing7	32mm 65mm 50mm 100mm 36.48mm x 2 15mm 18mm 20.7mm	100mm 65mm 85mm 85mm 20.52mm (41 18mm 21mm 27mm 32mm	100mm Macr 85mm 100mm .86 mm Ø) 21mm 25mm 37mm 40mm	25mm 29mm 47mm 50mm	35mm 35mm 35mm 57mm 65mm Macre	7296 × 410 47mm 50mm 77mm o 75mm	58mm 65mm 107mm 100mm	75mm 125mm 85mm 100mm 137mm 135mm 152mm	135mm
Cinescope Leica R Zero Optik Nikkor/ AIS Zero Optik Canon FD Type SK - Canon Rangefinder Sigma Cine HS Zeiss CP.3 XD Zeiss CP.2 Superspeeds Schneider Xenon EF/ PL Leica Summicron Cooke S/4i Cooke Speed Panchro Classic Zeiss Master Prime	15mm 14mm 50mm 14mm 15mm 35mm 25mm 50mm 65mm 65mm 65mm Macro 50mm	100mm	28mm 35mm 28mm 100mm 24mm 25mm 85mm 50mm 100mm 100mm 100mm		50mm 85mm 55mm 35mm 50mm	60mm 105mm 85mm 40mm 85mm	80mm 200mm 135mm 50mm 100mm	100mm 135mm 400mm 200mm 300mm 80mm 105mm 135mm	135mm
Zeiss Superspeed Zeiss Standard Zeiss Macro Arri Mini LF 4.3K 16:9 - UHD Arri Signature Zeiss Supreme Tribe7 Blackwing7 Cooke Speed Panchro/i Full Frame	65mm 50mm 100mm 35.64mm x 2 15mm 18mm 20.7mm 27mm	65mm 85mm 85mm 20.05mm (40 18mm 21mm 27mm 32mm 24mm	85mm 100mm .89 mm Ø) 21mm 25mm 37mm 40mm 28mm	100mm 135mm 25mm 29mm 47mm 50mm 35mm	35mm 35mm 35mm 57mm 65mm Macro	4320 x 243 47mm 50mm 77mm 0 75mm 60mm	58mm 65mm 107mm 100mm 80mm	75mm 125mm 85mm 100mm 137mm 135mm 152mm 100mm 135mm	135mm
Zero Optik Canon FD Type SK - Canon Rangefinder Sigma Cine HS Zeiss CP.3 XD Zeiss CP.2 Superspeeds Schneider Xenon EF/ PL Leica Summicron Cooke S/4i Cooke Speed Panchro Classic Zeiss Master Prime	14mm 50mm 14mm 15mm 35mm 25mm 50mm 65mm 65mm 65mm	100mm	35mm 28mm 100mm 24mm 25mm 85mm 50mm 100mm 100mm 100mm 100mm		85mm 55mm 35mm 50mm	105mm 85mm 40mm 85mm	200mm 135mm 50mm 100mm	400mm 200mm 300mm 80mm 105mm 135mm	135mm
Zeiss Superspeed Zeiss Standard Zeiss Macro Sony Venice FF 6K 17:9 Red Monstro 7K Sony FX9 FF 4K 17:9 Arri Signature Zeiss Supreme	65mm 50mm 100mm 36.00mm x 1 35.80mm x 1 35.70mm x 1 15mm 18mm	65mm 85mm 85mm 9.00mm (40 8.90mm (40 8.80mm (40 18mm 21mm	.50 mm Ø) .35 mm Ø) .21mm .25mm	100mm 135mm 25mm 29mm	35mm 35mm	6054 x 319 7168 x 378 6008 x 216 47mm 50mm	50 Pixels 50 Pixels 58mm 65mm	75mm 125mm 85mm 100mm	135mm
Cooke Speed Panchro/i Full Frame Cinescope Leica R Zero Optik Nikkor/ AIS Zero Optik Canon FD Type SK - Canon Rangefinder Sigma Cine HS Zeiss CP.3 XD Zeiss CP.2 Superspeeds Schneider Xenon EF/ PL Leica Summicron Cooke S/4i	27mm 19mm 15mm 14mm 25mm 14mm 35mm 35mm 25mm 35mm	27mm 32mm 24mm 24mm 24mm 35mm 20mm 18mm 50mm 35mm 50mm 75mm	37mm 40mm 28mm 35mm 28mm 50mm 24mm 25mm 85mm 50mm 75mm 75mm	47mm 50mm 35mm 58mm 35mm 85mm 28mm 35mm 75mm 100mm 135mm 100mm	57mm 65mm Macro 50mm 85mm 55mm 100mm 35mm 50mm 135mm	77mm o 75mm 60mm 105mm 85mm 40mm 85mm	107mm 100mm 80mm 200mm 135mm 50mm 100mm	137mm 135mm 152mm 100mm 135mm 400mm 200mm 300mm 80mm 105mm 135mm	135mm
Zeiss Superspeed Zeiss Standard Zeiss Macro Sony Venice 5.7K 16:9 Sony Venice 2 8.2K 17:9 Arri Signature Zeiss Supreme	32mm 65mm 50mm 50mm 33.7 mm x 19 34.1 mm x 18 15mm 18mm	100mm 40mm 85mm 85mm 100mm 9.00 mm (38 3.00 mm (38 18mm 21mm 27mm	•	25mm 25mm 29mm 47mm	35mm 35mm 57mm	135mm 5674 x 319 8192 x 432 47mm 50mm 77mm		75mm 125mm 85mm 100mm 137mm	135mm
Cooke Speed Panchro/i Full Frame Cinescope Leica R Zero Optik Nikkor/ AIS Zero Optik Canon FD Type SK - Canon Rangefinder Sigma Cine HS Zeiss CP.3 XD Zeiss CP.2 Superspeeds Schneider Xenon EF/ PL Leica Summicron Cooke S/4i Cooke Speed Panchro Classic	27mm 19mm 15mm 14mm 25mm 14mm 15mm 35mm 35mm 25mm 35mm 50mm	32mm 24mm 24mm 24mm 35mm 20mm 18mm 50mm 35mm 50mm 50mm 65mm	40mm 28mm 35mm 28mm 50mm 24mm 25mm 85mm 50mm 75mm 75mm	50mm 35mm 58mm 35mm 85mm 28mm 35mm 75mm 100mm 135mm 100mm	65mm Macro 50mm 85mm 55mm 100mm 35mm 50mm		100mm 80mm 200mm 135mm 50mm 100mm	135mm 152mm 100mm 135mm 400mm 200mm 300mm 80mm 105mm 135mm	135mm
Zeiss Superspeed Zeiss Standard Zeiss Macro Sony Venice 2 7.6K 16:9 Arri Mini LF 3.8K UHD 16:9 Red Gemini 5K 1.7:1 Arri Signature	32mm 50mm 50mm 40mm 32.00mm x 1 31.68mm x 1 30.72mm x 1	100mm 40mm 65mm 85mm 50mm 8.00 mm (36 7.82mm (36 8.00mm (35 18mm 21mm	.35mm Ø) ´	25mm 29mm	100mm 35mm 35mm	7680 x 432 3840 x 216 5120 x 300 47mm 50mm	0 Pixels	75mm 125mm 85mm 100mm	135mm
Tribe7 Blackwing7 Cooke Speed Panchro/i Full Frame Cinescope Leica R Zero Optik Nikkor/ AIS Zero Optik Canon FD Type SK - Canon Rangefinder Sigma Cine HS Zeiss CP.3 XD Zeiss CP.2 Superspeeds Schneider Xenon EF/ PL Leica Summicron Cooke S/4i	20.7mm 27mm 19mm 15mm 14mm 25mm 14mm 35mm 35mm 25mm	27mm 32mm 24mm 24mm 24mm 35mm 20mm 18mm 50mm 35mm 21mm 65mm	37mm 40mm 28mm 35mm 28mm 50mm 24mm 25mm 85mm 50mm 25mm 75mm	47mm 50mm 35mm 58mm 35mm 85mm 28mm 35mm 75mm 100mm	57mm 65mm Macro 50mm 85mm 55mm 100mm 35mm 100mm 35mm 135mm	77mm	107mm 100mm 80mm 200mm 135mm 50mm 100mm	137mm 135mm 152mm 100mm 135mm 400mm 200mm 300mm 80mm 105mm 135mm	135mm 135mm
Zeiss Master Prime Zeiss Ultraprime Zeiss Superspeed Zeiss Standard Zeiss Macro Red Monstro 6K Red Dragon 6K Arri 35 4.6K Open Gate Red Helium 8K	35mm 20mm 35mm 50mm 40mm 30.70mm x 1 30.70mm x 1 28.00mm x 1 29.90mm x 1	65mm Macro 50mm 24mm 50mm 85mm 50mm 6.20mm (34 5.80mm (34 9.20mm (33 5.77mm (33 5.66mm (33	.50mm Ø) .96mm Ø) .80mm Ø)	100mm 100mm Mac 32mm 85mm 135mm	ro 40mm	50mm 6144 × 324 6144 × 316 4608 × 316 8192 × 432 5008 × 264	60 Pixels 64 Pixels 20 Pixels	85mm 100mm	135mm
Arri Mini Open Gate Arri Signature Zeiss Supreme Tribe7 Blackwing7 Cooke Speed Panchro/i Full Frame Cinescope Leica R Zero Optik Nikkor/ AIS Zero Optik Canon FD Type SK - Canon Rangefinder Sigma Cine HS	28.17mm x 1 15mm 18mm 20.7mm 27mm 19mm 15mm 15mm 14mm 25mm	8.13mm (33 18mm 21mm 27mm 32mm 24mm 24mm 24mm 35mm 20mm 18mm	•	25mm 29mm 47mm 50mm 35mm 58mm 35mm 85mm 28mm 35mm	35mm 35mm 57mm 65mm Macro 50mm 85mm 55mm 100mm 35mm 50mm	3414 x 219 47mm 50mm 77mm		75mm 125mm 85mm 100mm 137mm 135mm 152mm 100mm 135mm 400mm 200mm 300mm	135mm
Schneider Xenon EF/ PL Leica Summicron Cooke S/4i Cooke Speed Panchro Classic Zeiss Master Prime Zeiss Ultraprime Zeiss Superspeed Zeiss Standard Zeiss Macro	25mm 15mm 50mm 50mm 25mm 20mm 25mm 50mm	50mm 35mm 18mm 65mm 65mm Macro 35mm 24mm 35mm 85mm 50mm	85mm 50mm 21mm 75mm 75mm 50mm 28mm 50mm 100mm	75mm 25mm 100mm 100mm 100mm 32mm 65mm 135mm	100mm 29mm 135mm 100mm Mac 40mm 85mm	35mm cro 50mm 5760 x 324	40mm 65mm	50mm 75mm 85mm 100mm	100mm 135mm 135mm
Arri 35 4.6K 16:9 Arri Signature Zeiss Supreme Tribe7 Blackwing7 Cooke Speed Panchro/i Full Frame Cinescope Leica R Zero Optik Nikkor/ AIS Zero Optik Canon FD Type SK - Canon Rangefinder Sigma Cine HS	28.00mm x 1 15mm 18mm 20.7mm 27mm 19mm 15mm 15mm 14mm	24mm 24mm 24mm 35mm 20mm	21mm 25mm 37mm 40mm 28mm 35mm 28mm 50mm 24mm	25mm 29mm 47mm 50mm 35mm 58mm 35mm 85mm 28mm	35mm 35mm 57mm 65mm Macro 50mm 85mm 55mm 100mm 35mm	60mm 105mm 85mm 40mm	58mm 65mm 107mm 100mm 80mm 200mm 135mm	75mm 125mm 85mm 100mm 137mm 135mm 152mm 100mm 135mm 400mm 200mm 300mm	135mm
Zeiss CP.2 Superspeeds Schneider Xenon EF/ PL Leica Summicron Cooke S/4i Cooke Speed Panchro Classic Zeiss Master Prime Zeiss Ultraprime Zeiss Superspeed Zeiss Standard	35mm 25mm 15mm 25mm 18mm 18mm 16mm 18mm 50mm	18mm 50mm 35mm 18mm 32mm 25mm 25mm 25mm 20mm 25mm 50mm	25mm 85mm 50mm 21mm 50mm 40mm 35mm 24mm 35mm 100mm	35mm 75mm 25mm 65mm 50mm 50mm 28mm 50mm 135mm	50mm 100mm 29mm 75mm 65mm Macro 100mm 32mm 65mm	35mm 100mm o 75mm 100mm Mac 40mm 85mm	40mm 135mm 100mm cro 50mm	135mm 50mm 75mm 65mm 85mm	100mm 135mm 100mm 135mm
Arri Mini LF 3.2K S35 16:9 Arri Mini 4K UHD Phantom Flex 4K UHD Canon C300 MkIII 4K Canon C70 4K Arri Signature Zeiss Supreme Tribe7 Blackwing7 Cooke Speed Panchro/i Full Frame	26.40mm x 1 26.40mm x 1 25.90mm x 1 26.20mm x 1 26.20mm x 1 15mm 18mm 20.7mm 27mm	4.25mm (30 4.85mm (29 4.85mm (29 4.60mm (29 3.80mm (29 3.80mm (29 18mm 21mm 27mm 32mm	.99mm Ø) .99mm Ø) .70mm Ø) .61mm Ø) .61mm Ø) .21mm .25mm .37mm .40mm	25mm 29mm 47mm 50mm	35mm 35mm 57mm 65mm Macro		00 Pixels 00 Pixels 50 Pixels 50 Pixels 50 Pixels 58mm 65mm 107mm 100mm	75mm 125mm 85mm 100mm 137mm 135mm 152mm	135mm
Cinescope Leica R Zero Optik Nikkor/ AIS Zero Optik Canon FD Type SK - Canon Rangefinder Sigma Cine HS Zeiss CP.3 XD Zeiss CP.2 Superspeeds Schneider Xenon EF/ PL Leica Summicron Cooke S/4i Cooke Speed Panchro Classic Zeiss Master Prime	19mm 15mm 14mm 25mm 14mm 15mm 35mm 25mm 15mm 15mm	24mm 24mm 24mm 35mm 20mm 18mm 50mm 35mm 18mm 25mm 25mm 25mm	28mm 35mm 28mm 50mm 24mm 25mm 85mm 50mm 21mm 32mm 40mm 35mm 14mm	35mm 58mm 35mm 85mm 28mm 35mm 75mm 50mm 50mm 50mm 50mm	50mm 85mm 55mm 100mm 35mm 50mm 100mm 29mm 65mm 65mm Macro	60mm 105mm 85mm 40mm 85mm 35mm 75mm	80mm 200mm 135mm 50mm 100mm 40mm 100mm	100mm 135mm 400mm 200mm 300mm 80mm 105mm 135mm 50mm 75mm	135mm 100mm 135mm 50mm 65mm 85mm 100mm 135mm
Zeiss Superspeed Zeiss Standard Zeiss Macro Red Monstro 5K Arri 35 4K 16:9 Sony Venice S35 4K 17:9 Arri Mini HD 16:9 Sony Venice 2 S35 5.8K 17:9 Sony FX9 S35 4K 17:9	18mm 14mm 32mm 25.60mm x 1 24.90mm x 1 24.30mm x 1 23.76mm x 1 24.10mm x 1 24.00mm x 1	25mm 24mm 40mm 3.50mm (29 4.00mm (28 2.80mm (27 3.37mm (27 2.70mm (27 2.70mm (27	35mm 32mm 50mm .00mm Ø) .57mm Ø) .46mm Ø) .26mm Ø) .24mm Ø)	16mm 50mm 50mm 100mm	20mm 65mm 85mm	85mm 100mm 5120 × 270 4096 x 230 4096 x 216 1920 x 108 5792 x 305 3840 x 216	135mm 00 Pixels 04 Pixels 00 Pixels 06 Pixels 06 Pixels	Jennii 40mm	John 135mm 135mm
Arri Signature Zeiss Supreme Tribe7 Blackwing7 Cooke Speed Panchro/i Full Frame Cinescope Leica R Zero Optik Nikkor/ AIS Zero Optik Canon FD Canon Type SK Sigma Cine HS Zeiss CP.3 XD Zeiss CP.2 Superspeeds	15mm 18mm 20.7mm 27mm 19mm 15mm 14mm 25mm 14mm 15mm	2.99mm (26 18mm 21mm 27mm 32mm 24mm 24mm 24mm 35mm 20mm 18mm 50mm	21mm 25mm 37mm 40mm 28mm 35mm 28mm 50mm 24mm 25mm 85mm	25mm 29mm 47mm 50mm 35mm 58mm 35mm 85mm 28mm 35mm	35mm 35mm 57mm 65mm Macro 50mm 85mm 55mm 100mm 35mm 50mm	47mm 50mm 77mm 0 75mm 60mm 105mm 85mm 40mm 85mm	58mm 65mm 107mm 100mm 80mm 200mm 135mm 50mm 100mm	75mm 125mm 85mm 100mm 137mm 135mm 152mm 100mm 135mm 400mm 200mm 300mm 80mm 105mm 135mm	135mm 135mm
Schneider Xenon EF/ PL Leica Summicron Cooke S/4i Cooke Speed Panchro Classic Zeiss Master Prime Zeiss Ultraprime Zeiss Superspeed Zeiss Standard	25mm 15mm 18mm 18mm 18mm 10mm 18mm 14mm	50mm 35mm 18mm 25mm 25mm 25mm 25mm 12mm 25mm 40mm	85mm 50mm 21mm 32mm 32mm 35mm 14mm 35mm 24mm 50mm	75mm 25mm 50mm 40mm 50mm 16mm 50mm 32mm 100mm	100mm 29mm 65mm 50mm 100mm 20mm 65mm 50mm	35mm 75mm 65mm Macro 100mm Mac 24mm 85mm 85mm		50mm 75mm 100mm 32mm 40mm 135mm	100mm 135mm 50mm 65mm 85mm 100mm 135mm