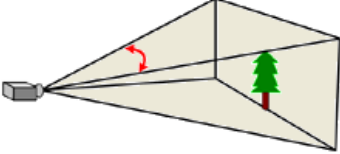


The following overview helps comparing the video, film as well as photo formats with regard to the horizontal angle of field of the different focal lengths. In particular, it makes the maximum possible wide-angle which is a part of the technical specifications for MatteBoxes and SunShades more transparent.

### Overview - Formats and focal lengths in comparison.

Formats:	1/3" HD	1/2" XDCAM HD	2/3" HD	2/3" SD	16mm	S 16	35mm Film Academy	35mm KB	Angle of Field (°)
<b>Picture (height x width mm)</b>	<b>2.94x5.23</b>	<b>3.92x6.97</b>	<b>5.4x9.6</b>	<b>6.6x8.8</b>	<b>7.5x10.4</b>	<b>7.5x12.4</b>	<b>16x22</b>	<b>24x36</b>	
 <p><b>bold = References input</b></p> <p><b>Equivalent focal lengths (mm)</b> of the different video, film and 35mm photo formats which create a picture with the same horizontal angle of field.</p>	2	3.0	<b>3.9</b>	3.6	4.1	5.1	8.9	14.6	<b>101</b>
	2.2	3.3	<b>4.3</b>	3.9	4.6	56	10	16	<b>96</b>
	2.3	3.6	<b>4.5</b>	4.1	4.8	5.9	10.2	16.9	<b>93</b>
	2.6	4.0	<b>5.2</b>	4.8	5.5	6.8	11.8	19.5	<b>85</b>
	<b>3.15</b>	4.7	6.3	5.8	6.7	8.2	14.3	24	<b>74</b>
	<b>3.30</b>	5.8	6.6	6.4	7.4	9	16	26	<b>72</b>
	3.9	6.0	<b>7.8</b>	7.2	8.3	10.2	17.7	29.3	<b>63</b>
	4	6.2	<b>8.0</b>	7.3	8.5	10.4	18.1	30.0	<b>62</b>
	<b>4.2</b>	6.4	8.4	7.7	8.9	11.0	19.0	31	<b>59</b>
	4.4	7.0	8.8	8.0	9.3	11.5	<b>20</b>	33	<b>57</b>
	<b>4.5</b>	7	9.0	8.2	9.5	11.7	20.4	34	<b>56</b>
	8.8	7.7	9.7	8.9	10.2	12.6	<b>22</b>	36	<b>52</b>
	5.3	8.4	10.6	9.7	11.2	13.8	<b>24</b>	40	<b>48</b>
	6.1	9.8	12.3	11.3	13.0	16.0	<b>28</b>	46	<b>42</b>
	7	11.4	14.1	12.9	14.9	18.4	<b>32</b>	53	<b>37</b>
9	14.0	17.6	16.2	18.8	23.0	<b>40</b>	66	<b>30</b>	
11	17.5	22.0	20.2	23.3	28.7	<b>50</b>	83	<b>24</b>	
14	22.7	28.6	26.3	30.3	37.3	<b>65</b>	108	<b>19</b>	
19	27.4	37.5	34.4	39.7	48.8	<b>85</b>	141	<b>14</b>	
22	35.0	44.0	40.4	46.7	57.4	<b>100</b>	165	<b>12</b>	
30	47.0	59.5	54.5	63.0	77.5	<b>135</b>	223	<b>9</b>	
40	63.0	79.3	72.8	84.0	103.4	<b>180</b>	298	<b>7</b>	
<b>Chrosziel Format Specifications:</b>	<b>HDV</b> MB 450 xx / CMB R10/20 SD 440/1000		<b>Video</b> all others MB, SD				<b>Movie and Digi-Cine</b> MB 602		

Similar still photography formats: DX 15.8x23.6 | Full Chip 23.9x35.8