

ASPECT RATIO REFERENCE SHEET

5K

Frame Aspect Ratio / Resolution (Square Pixels 1.0)

- 1.33:1 (4:3) / 5120x3840
- 1.66:1 (5:3) / 5120x3072
- 1.77:1 (16:9) / 5120x2880
- 1.85:1 / 5120x2768
- 1.9:1 (Epic Full Frame) / 5120x2700
- 2:1 / 5120x2560
- 2.37:1 (RED 5K Wide) / 5120x2160
- 2.39:1 (referred to as 2.40) / 5120x2142
- 2.44 / 5120x2098
- 2.35:1 / 5120x2179

4K

Frame Aspect Ratio / Resolution (Square Pixels 1.0)

- 1.33:1 (4:3) / 4096x3072
- 1.66:1 (5:3) / 4096x2458
- 1.77:1 (16:9) / 4096x2304
- 1.85:1 / 4096x2214
- 1.9:1 (Native 4K Red) / 4096x2160
- 2:1 / 4096x2048
- 2.35:1 / 4096x1679
- 2.37:1 (RED Wide) / 4096x1743
- 2.39:1 (referred to as 2.40) / 4096x1728
- 2.44 / 4096x1714

CINEMA DCP 4K

Frame Aspect Ratio / Resolution (Square Pixels 1.0)

- Flat (1.85:1) / 3996x2160
- Scope (2.39:1) / 4096x1716
- QuadHD (16:9) / 3840x2160
- Full Container / 4096x2160

4K HD (QuadHD)

Frame Aspect Ratio / Resolution (Square Pixels 1.0)

- 1.33:1 (4:3) / 3840x2880
- 1.66:1 (5:3) / 3840x2304
- 1.77:1 (16:9) / 3840x2160
- 1.85:1 / 3840x2076
- 2:1 / 3840x1920
- 2.35:1 / 3840x1634
- 2.37:1 (RED Wide) / 3840x1620
- 2.39:1 (referred to as 2.40) / 3840x1607
- 2.44 / 3840x1574

2K

Frame Aspect Ratio / Resolution (Square Pixels 1.0)

- 1.33:1 (4:3) / 2048x1536
- 1.66:1 (5:3) / 2048x1229
- 1.77:1 (16:9) / 2048x1152
- 1.85:1 / 2048x1107
- 2:1 / 2048x1024
- 2.35:1 / 2048x871
- 2.37:1 (RED Wide) / 2048x864
- 2.39:1 (referred to as 2.40) / 2048x858
- 2.44 / 2048x839

CINEMA DCP 2K

Frame Aspect Ratio / Resolution (Square Pixels 1.0)

- Flat (1.85:1) / 1998x1080
- Scope (2.39:1) / 2048x858
- QuadHD (16:9) / 1920x1080
- Full Container / 2048x1080

1080p

Frame Aspect Ratio / Resolution (Square Pixels 1.0)

- 1.66:1 (5:3) / 1920x1152
- 1.77:1 (16:9) / 1920x1080
- 1.85:1 / 1920x1038
- 2:1 / 1920x960
- 2.35:1 / 1920x817
- 2.37:1 (RED Wide) / 1920x810
- 2.39:1 (referred to as 2.40) / 1920x803
- 2.40:1 (Blu-Ray) / 1920x800
- 2.44 / 1920x787
- 1.33:1 (4:3) / 1920x1440

720p

Frame Aspect Ratio / Resolution (Square Pixels 1.0)

- 1.33:1 (4:3) / 1280x962
- 1.66:1 (5:3) / 1280x768
- 1.77:1 (16:9) / 1280x720
- 1.85:1 / 1280x692
- 2:1 / 1280x640
- 2.35:1 / 1280x545
- 2.37:1 (RED Wide) / 1280x540
- 2.39:1 (referred to as 2.40) / 1280x536
- 2.44 / 1280x525