ZGINK

# Depth of Field Tables in Feet 

## for

## ARRI/ZEISS Master Anamorphic Lenses

circle of confusion: 0.030 mm

| Master Anamorphic 2x | MA 28/T1.9 | T*XP |
| :--- | :--- | :--- |
| Master Anamorphic 2x | MA 35/T1.9 | T*XP |
| Master Anamorphic 2x | MA 40/T1.9 | T*XP |
| Master Anamorphic 2x | MA 50/T1.9 | T*XP |
| Master Anamorphic 2x | MA 60/T1.9 | T*XP |
| Master Anamorphic 2x | MA 75/T1.9 | T*XP |
| Master Anamorphic 2x | MA 100/T1.9 | T*XP |
| Master Anamorphic 2x | MA 135/T1.9 | T*XP |
| Master Anamorphic 2x | MA 180/T2.8 | T*XP |

Depth of field tables
ARRI/ZEISS Master Anamorphic 2x MA 28/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1.9 |  | 2 |  | 2.8 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 44.97' |  | 41.92' |  | 29.67' |  |
| INF | 44.97' | INF | 41.92' | INF | 29.67' | INF |
| 300' | 39.05' | INF | 36.72' | INF | 26.93' | INF |
| 150' | 34.56' | INF | 32.72' | INF | 24.72' | INF |
| 100' | $31.00{ }^{\prime}$ | INF | 29.51' | INF | 22.84' | INF |
| $70^{\prime}$ | 27.37' | INF | 26.20' | INF | 20.81' | INF |
| 50' | 23.67' | INF | 22.80' | INF | 18.60' | INF |
| 40' | 21.17' | 361.23' | 20.47' | 873.21' | 17.03' | INF |
| 30' | 18.00' | 89.94' | 17.49' | 105.30' | 14.92' | INF |
| 25' | 16.08' | 56.18' | 15.67' | 61.81' | 13.57' | 158.45' |
| 22' | 14.78' | 42.98' | 14.44' | 46.20' | 12.64' | 84.87' |
| 20' | 13.85' | 35.95' | 13.55' | 38.17' | 11.95' | 61.19 |
| 18' | 12.87' | 29.95' | 12.60' | 31.48' | 11.21' | 45.63' |
| $16{ }^{\prime}$ | 11.81' | 24.79' | 11.59' | 25.82' | 10.40' | 34.62' |
| $14{ }^{\prime}$ | 10.69' | 20.29' | 10.51' | 20.98' | 9.52' | 26.43 ' |
| 13' | 10.10' | 18.25' | 9.93' | 18.80' | 9.05' | 23.07' |
| 12' | 9.48' | 16.33' | 9.34' | 16.78' | 8.56' | 20.09' |
| 11' | 8.85' | 14.53' | 8.73' | 14.88' | 8.04' | 17.43' |
| 10' | 8.19' | 12.83' | 8.09' | 13.10' | 7.49' | 15.04' |
| 9' 6" | 7.85' | 12.02' | $7.76{ }^{\prime}$ | 12.26' | 7.21' | 13.93' |
| 9' | 7.51' | 11.23' | 7.42' | 11.44' | 6.92 ' | 12.88' |
| 8' ${ }^{\prime \prime}$ | 7.16' | 10.46' | 7.08' | 10.64' | 6.62 ' | 11.88' |
| 8' | 6.80' | 9.71' | 6.73 ' | 9.87' | 6.31 ' | 10.92' |
| 7' 6" | $6.44{ }^{\prime}$ | 8.98' | $6.37{ }^{\prime}$ | 9.11' | $6.00{ }^{\prime}$ | 10.01' |
| $7{ }^{\prime}$ | $6.07{ }^{\prime}$ | 8.27' | 6.01' | 8.39' | $5.68{ }^{\prime}$ | $9.13 '$ |
| 6' $6^{\prime \prime}$ | $5.69{ }^{\prime}$ | 7.58' | 5.64' | 7.68' | $5.34{ }^{\prime}$ | 8.30' |
| 6' | 5.30' | $6.91{ }^{\prime}$ | 5.26' | $6.99{ }^{\prime}$ | 5.00' | 7.50' |
| 5' '' $^{\prime}$ | 5.11' | 6.58' | 5.07' | $6.65{ }^{\prime}$ | 4.83' | 7.11' |
| 5' 6" | 4.91' | $6.25 '$ | 4.87' | 6.32' | 4.65' | 6.73 ' |
| 5' ${ }^{\prime \prime}$ | 4.71' | 5.93' | 4.67' | 5.99' | $4.47{ }^{\prime}$ | 6.36 ' |
| 5' | 4.51' | 5.61' | 4.48' | $5.67{ }^{\prime}$ | $4.29{ }^{\prime}$ | $6.00{ }^{\prime}$ |
| 4' ${ }^{\prime \prime}$ | 4.30' | 5.30' | $4.27{ }^{\prime}$ | $5.35{ }^{\prime}$ | $4.10{ }^{\prime}$ | $5.64{ }^{\prime}$ |
| 4' $6^{\prime \prime}$ | 4.10' | 4.99' | 4.07' | 5.03' | 3.92' | 5.29' |
| 4' 3' | 3.89' | $4.68{ }^{\prime}$ | 3.87' | 4.72' | 3.73' | 4.95' |
| 4' | 3.68' | 4.38' | 3.66' | 4.41' | 3.53' | 4.61' |
| 3' ${ }^{\prime \prime}$ | $3.47{ }^{\prime}$ | 4.08' | 3.45' | 4.11' | 3.34' | 4.28' |
| 3' 6" | $3.25{ }^{\prime}$ | $3.79{ }^{\prime}$ | 3.24' | 3.81' | 3.14' | 3.96' |
| 3' ${ }^{\prime \prime}$ | 3.04' | 3.50' | 3.02' | $3.52{ }^{\prime}$ | $2.94{ }^{\prime}$ | 3.64' |
| 3' | $2.82{ }^{\prime}$ | 3.21' | 2.81' | 3.22' | 2.73 ' | 3.33' |
| 2' 9" | $2.60{ }^{\prime}$ | 2.92 ' | 2.59' | $2.94{ }^{\prime}$ | $2.52{ }^{\prime}$ | 3.02' |
| 2' 6" | $2.37{ }^{\prime}$ | 2.64' | $2.36{ }^{\prime}$ | $2.65{ }^{\prime}$ | 2.31' | 2.72 ' |
| 2' ${ }^{\prime \prime}$ | $2.15{ }^{\prime}$ | 2.36' | $2.14{ }^{\prime}$ | $2.37{ }^{\prime}$ | 2.10' | 2.43 ' |

Depth of field tables
ARRI/ZEISS Master Anamorphic 2x MA 28/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4 |  | 5.6 |  | 8 |  |
| ft | from | to | from | to | from | to |
| hyperfocal distance | $21.00{ }^{\prime}$ |  | 14.88' |  | 10.55' |  |
| INF | 21.00' | INF | 14.88' | INF | 10.55' | INF |
| 300' | 19.56' | INF | 14.10' | INF | 10.11' | INF |
| 150' | 18.36' | INF | 13.47' | INF | 9.78' | INF |
| 100' | 17.31' | INF | 12.89' | INF | 9.47' | INF |
| $70^{\prime}$ | 16.12' | INF | 12.22' | INF | 9.11' | INF |
| 50' | 14.76' | INF | 11.43' | INF | 8.66' | INF |
| 40' | 13.75' | INF | 10.81' | INF | 8.30' | INF |
| 30' | 12.35' | INF | 9.93' | INF | 7.77' | INF |
| 25' | 11.41' | INF | 9.31' | INF | 7.39' | INF |
| 22' | 10.74' | INF | 8.87' | INF | 7.11' | INF |
| 20' | 10.25' | 416.49' | 8.52' | INF | 6.89 ' | INF |
| 18' | $9.70{ }^{\prime}$ | 125.30' | 8.14' | INF | 6.64' | INF |
| $16{ }^{\prime}$ | 9.09' | 66.86' | 7.71' | INF | $6.35{ }^{\prime}$ | INF |
| $14{ }^{\prime}$ | 8.41' | $41.80{ }^{\prime}$ | 7.22' | 235.43' | $6.01{ }^{\prime}$ | INF |
| 13' | 8.04' | 33.96' | $6.94{ }^{\prime}$ | 102.29' | 5.82' | INF |
| 12' | $7.65{ }^{\prime}$ | 27.87' | 6.65' | 61.63' | 5.61' | INF |
| 11' | 7.23' | 22.99 ' | 6.33' | 41.93' | 5.38' | INF |
| 10' | $6.79{ }^{\prime}$ | 19.00' | 5.99' | 30.31' | 5.14' | 190.68' |
| 9' $\mathbf{6 '}^{\prime \prime}$ | $6.55 '$ | 17.27' | 5.81' | 26.11' | 5.00' | 94.75' |
| 9' | 6.31' | 15.68' | 5.62' | $22.64{ }^{\prime}$ | 4.86' | 60.78' |
| 8' $\mathbf{6}^{\prime \prime}$ | 6.06' | 14.22' | 5.42' | 19.70' | 4.71' | 43.39' |
| 8' | 5.81' | $12.87{ }^{\prime}$ | 5.21' | 17.20' | 4.56' | 32.82' |
| 7' 6" | 5.54' | 11.61' | 5.00' | 15.03' | 4.39' | 25.73' |
| $7{ }^{\prime}$ | 5.26' | 10.45' | $4.77^{\prime}$ | 13.14' | 4.22' | 20.63' |
| 6' $6^{\prime \prime}$ | 4.98' | $9.37{ }^{\prime}$ | 4.54' | 11.47' | 4.03' | 16.79' |
| 6' | 4.68' | 8.36' | 4.29' | 9.99' | 3.83' | 13.79' |
| 5' '' $^{\prime \prime}$ | 4.53' | 7.88' | 4.16' | 9.31' | 3.73' | 12.53' |
| 5' 6" | 4.37' | 7.42' | 4.03' | 8.67' | 3.63' | 11.39' |
| 5' ${ }^{\prime \prime}$ | 4.21' | $6.97{ }^{\prime}$ | 3.89' | 8.06' | 3.52' | 10.36' |
| 5' | 4.05' | $6.53 '$ | $3.75{ }^{\prime}$ | $7.48{ }^{\prime}$ | 3.40' | $9.42{ }^{\prime}$ |
| 4' ${ }^{\prime \prime}$ | 3.89' | 6.11' | 3.61' | $6.93{ }^{\prime}$ | 3.29' | 8.57' |
| 4' $6^{\prime \prime}$ | 3.72' | $5.70^{\prime}$ | $3.47{ }^{\prime}$ | 6.41' | $3.17{ }^{\prime}$ | 7.78' |
| 4' 3' | 3.55' | 5.31' | 3.32' | 5.91' | 3.04' | 7.06' |
| 4' | $3.37{ }^{\prime}$ | 4.92' | 3.16' | 5.44' | 2.91' | $6.39{ }^{\prime}$ |
| 3' ${ }^{\prime \prime}$ | 3.19' | 4.55' | 3.01' | 4.98' | 2.78 ' | $5.77{ }^{\prime}$ |
| 3' 6" | 3.01' | 4.18' | 2.85' | 4.55' | 2.64' | 5.19' |
| 3' 3' | 2.82' | 3.83' | 2.68' | 4.13' | $2.50{ }^{\prime}$ | 4.66' |
| 3' | 2.63 ' | 3.48' | 2.51' | 3.73' | $2.35{ }^{\prime}$ | 4.16' |
| 2' 9" | $2.44{ }^{\prime}$ | $3.15{ }^{\prime}$ | 2.33' | $3.35{ }^{\prime}$ | $2.19{ }^{\prime}$ | 3.69' |
| 2' 6" | $2.24{ }^{\prime}$ | 2.83 ' | $2.15{ }^{\prime}$ | $2.99{ }^{\prime}$ | 2.03' | $3.25{ }^{\prime}$ |
| 2' ${ }^{\prime \prime}$ | 2.04' | 2.51' | 1.96' | 2.63 ' | 1.87' | 2.84' |

ARRI/ZEISS Master Anamorphic 2x MA 28/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 |  | 16 |  | 22 |  |
| ft | from | to | from | to | from | to |
| hyperfocal distance | 7.49' |  | 5.32' |  | 3.79' |  |
| INF | 7.49' | INF | 5.32' | INF | 3.79' | INF |
| 300' | 7.22' | INF | 5.14' | INF | 3.65' | INF |
| 150' | 7.05' | INF | 5.06' | INF | 3.61' | INF |
| 100' | 6.89' | INF | 4.97' | INF | $3.57{ }^{\prime}$ | INF |
| $70^{\prime}$ | $6.70{ }^{\prime}$ | INF | 4.87' | INF | 3.52' | INF |
| 50' | $6.45{ }^{\prime}$ | INF | 4.74' | INF | 3.45' | INF |
| 40' | $6.25{ }^{\prime}$ | INF | 4.63' | INF | 3.39' | INF |
| 30' | 5.95' | INF | 4.46' | INF | 3.30' | INF |
| 25' | 5.72' | INF | 4.34' | INF | 3.23' | INF |
| 22' | 5.55' | INF | 4.24' | INF | 3.18' | INF |
| 20' | 5.42' | INF | 4.16' | INF | 3.13' | INF |
| 18' | 5.26' | INF | $4.07{ }^{\prime}$ | INF | 3.08' | INF |
| $16{ }^{\prime}$ | 5.08' | INF | 3.96' | INF | 3.02' | INF |
| $14{ }^{\prime}$ | 4.86' | INF | 3.83' | INF | $2.94{ }^{\prime}$ | INF |
| $13 '$ | 4.73' | INF | 3.75' | INF | 2.89' | INF |
| 12' | 4.60' | INF | $3.66{ }^{\prime}$ | INF | 2.84' | INF |
| 11' | 4.44' | INF | $3.56{ }^{\prime}$ | INF | 2.78' | INF |
| 10' | 4.27' | INF | $3.45{ }^{\prime}$ | INF | 2.72' | INF |
| 9' 6" | 4.18' | INF | 3.39' | INF | 2.68' | INF |
| 9' | 4.08' | INF | 3.33' | INF | $2.64{ }^{\prime}$ | INF |
| 8' $6^{\prime \prime}$ | 3.98' | INF | 3.26' | INF | 2.60' | INF |
| 8' | 3.87' | INF | 3.18' | INF | 2.55' | INF |
| 7' 6" | 3.75' | INF | $3.10{ }^{\prime}$ | INF | 2.50' | INF |
| 7' | 3.62' | 106.51' | $3.02{ }^{\prime}$ | INF | $2.44{ }^{\prime}$ | INF |
| 6' $6^{\prime \prime}$ | 3.48' | 48.74' | 2.92' | INF | $2.38{ }^{\prime}$ | INF |
| 6' | $3.34{ }^{\prime}$ | 29.85' | 2.82' | INF | 2.31' | INF |
| 5' '' $^{\prime}$ | 3.26' | 24.49' | $2.76{ }^{\prime}$ | INF | $2.27{ }^{\prime}$ | INF |
| 5' ${ }^{\prime \prime}$ | 3.18' | 20.48' | 2.70' | INF | 2.23' | INF |
| 5' 3' | 3.09' | 17.36' | $2.64{ }^{\prime}$ | 389.70' | 2.19' | INF |
| 5' | 3.01' | 14.87' | 2.58' | 81.58' | $2.15{ }^{\prime}$ | INF |
| 4' ${ }^{\prime \prime}$ | 2.91' | 12.84' | 2.51' | 43.53' | 2.10' | INF |
| 4' $6^{\prime \prime}$ | 2.82' | 11.14' | $2.44{ }^{\prime}$ | 28.68' | $2.05{ }^{\prime}$ | INF |
| 4' 3' | 2.72' | 9.71' | $2.37{ }^{\prime}$ | 20.76' | $2.00{ }^{\prime}$ | INF |
| 4' | 2.62' | 8.48' | 2.29' | 15.84' | 1.95' | INF |
| 3' ${ }^{\prime \prime}$ | 2.51' | 7.42' | 2.21' | 12.48' | 1.89' | 353.55' |
| 3' 6" | $2.40{ }^{\prime}$ | 6.49 ' | 2.12' | 10.05' | 1.82' | 44.74' |
| 3' $3^{\prime \prime}$ | 2.28' | 5.67' | 2.03' | 8.21' | 1.75' | $22.28{ }^{\prime}$ |
| 3' | 2.15 | 4.94' | $1.93{ }^{\prime}$ | 6.76' | $1.68{ }^{\prime}$ | $14.05{ }^{\prime}$ |
| 2' 9" | 2.02' | 4.29' | 1.82' | 5.59' | 1.60' | 9.78' |
| 2' 6" | 1.89' | 3.71' | 1.71' | $4.63{ }^{\prime}$ | 1.51' | 7.17' |
| 2' ${ }^{\prime \prime}$ | 1.74' | 3.18' | 1.59' | 3.83' | 1.42' | 5.40' |

Depth of field tables
ARRI/ZEISS Master Anamorphic 2x MA 35/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1.9 |  | 2 |  | 2.8 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 68.83' |  | 64.00' |  | 45.29' |  |
| INF | 68.83' | INF | 64.00' | INF | 45.29' | INF |
| 300' | 55.92' | INF | 52.69' | INF | 39.28' | INF |
| 150' | 47.15' | INF | 44.83' | INF | 34.74' | INF |
| 100' | 40.76' | INF | 39.01' | INF | 31.14' | INF |
| $70^{\prime}$ | 34.70' | INF | 33.43' | INF | 27.48' | INF |
| 50' | 28.97' | 182.49' | 28.08' | 228.15' | 23.76' | INF |
| 40' | 25.31' | 95.35' | 24.63' | 106.47' | 21.24' | 341.64' |
| 30' | 20.91' | 53.09' | 20.44' | 56.37' | 18.06' | 88.64' |
| 25' | 18.35' | 39.20' | 17.99' | 40.95' | 16.12' | 55.66' |
| 22' | 16.69' | 32.28' | 16.39' | 33.46' | 14.82' | 42.67' |
| 20' | 15.51' | 28.15' | 15.25' | 29.04' | 13.89' | 35.73' |
| 18' | 14.28' | 24.33' | 14.06' | 25.00' | 12.90' | 29.80' |
| $16{ }^{\prime}$ | 13.00' | 20.81' | 12.81' | 21.30' | 11.84' | 24.68' |
| $14{ }^{\prime}$ | 11.65' | 17.55' | 11.50' | 17.89' | 10.71' | 20.21' |
| 13' | 10.95' | 16.00' | 10.82' | 16.28' | 10.12' | 18.19' |
| 12' | 10.23' | 14.51' | 10.12' | 14.74' | 9.50' | 16.28' |
| 11' | 9.50' | 13.07' | 9.40' | 13.26' | 8.86' | 14.49' |
| 10' | 8.74' | 11.68' | 8.66' | 11.83' | 8.21' | 12.80' |
| 9' $\mathbf{6 '}^{\prime \prime}$ | 8.36' | 11.00' | 8.28' | 11.14' | 7.87' | 11.99' |
| 9' | 7.97' | 10.34' | 7.90' | 10.45' | 7.52' | 11.20' |
| 8' $\mathbf{6}^{\prime \prime}$ | 7.58' | 9.68' | 7.51' | 9.78' | 7.17' | 10.44' |
| 8' | 7.18' | 9.04' | $7.12^{\prime}$ | $9.13{ }^{\prime}$ | 6.81' | 9.69' |
| 7' 6" | $6.77{ }^{\prime}$ | 8.40' | 6.72' | 8.48' | $6.45{ }^{\prime}$ | 8.97' |
| $7{ }^{\prime}$ | $6.36{ }^{\prime}$ | 7.78' | 6.32' | $7.85{ }^{\prime}$ | 6.07' | 8.26' |
| 6' $6^{\prime \prime}$ | $5.95{ }^{\prime}$ | 7.17' | 5.91' | 7.22' | 5.70' | 7.57' |
| 6' ${ }^{\prime \prime}$ | 5.74' | 6.86' | 5.70' | $6.91{ }^{\prime}$ | 5.50' | 7.23' |
| 6' | 5.53' | 6.56' | 5.49' | $6.61{ }^{\prime}$ | 5.31' | $6.90{ }^{\prime}$ |
| 5' ${ }^{\prime \prime}$ | 5.31' | $6.26{ }^{\prime}$ | 5.28' | 6.31 ' | 5.11' | $6.57{ }^{\prime}$ |
| 5' 6" | 5.10' | 5.97' | 5.07' | $6.01{ }^{\prime}$ | 4.91' | $6.24 '$ |
| 5' 3' | 4.89' | $5.67{ }^{\prime}$ | 4.86' | 5.71' | 4.71' | 5.92' |
| 5' | 4.67' | 5.38' | $4.65{ }^{\prime}$ | 5.41' | 4.51' | 5.61' |
| 4' $9^{\prime \prime}$ | 4.45' | 5.09' | 4.43' | 5.12' | 4.31' | $5.29{ }^{\prime}$ |
| 4' $\mathbf{6}^{\prime \prime}$ | 4.23 ' | 4.81' | 4.21' | 4.83' | 4.10' | 4.98' |
| 4' ${ }^{\prime \prime}$ | 4.01' | 4.52' | 3.99' | 4.54' | 3.89' | 4.68' |
| 4' | 3.79 ' | 4.24' | $3.77{ }^{\prime}$ | $4.26{ }^{\prime}$ | 3.68' | 4.38' |
| 3' ${ }^{\prime \prime}$ | 3.56' | 3.96' | 3.55' | 3.98' | 3.47' | 4.08' |
| 3' 6" | $3.34{ }^{\prime}$ | 3.68' | 3.32' | $3.70{ }^{\prime}$ | 3.26' | 3.78' |
| 3' ${ }^{\prime \prime}$ | 3.11' | 3.41' | 3.10' | $3.42{ }^{\prime}$ | 3.04' | $3.49{ }^{\prime}$ |
| 3' | $2.88{ }^{\prime}$ | 3.13' | 2.87' | 3.14' | 2.82' | 3.21' |
| 2' 9" | $2.65{ }^{\prime}$ | 2.86' | 2.64' | $2.87{ }^{\prime}$ | $2.60{ }^{\prime}$ | $2.92{ }^{\prime}$ |
| 2' 6" | 2.42' | 2.59' | 2.41' | 2.60' | $2.38{ }^{\prime}$ | 2.64' |

Depth of field tables
ARRI/ZEISS Master Anamorphic 2x MA 35/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4 |  | 5.6 |  | 8 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 32.06' |  | $22.70^{\prime}$ |  | 16.09' |  |
| INF | 32.06' | INF | 22.70' | INF | 16.09' | INF |
| 300' | 28.88' | INF | 21.01' | INF | 15.17' | INF |
| 150' | $26.35{ }^{\prime}$ | INF | 19.64' | INF | 14.45' | INF |
| 100' | 24.23' | INF | 18.44' | INF | 13.79' | INF |
| $70^{\prime}$ | 21.96' | INF | 17.10' | INF | 13.02' | INF |
| 50' | 19.52' | INF | 15.58' | INF | 12.13' | INF |
| 40' | 17.79' | INF | 14.46' | INF | 11.44' | INF |
| 30' | 15.50' | 465.67' | 12.91' | INF | 10.45' | INF |
| 25' | $14.05{ }^{\prime}$ | 113.15' | 11.90' | INF | 9.77' | INF |
| 22' | 13.06' | $69.87{ }^{\prime}$ | 11.17' | 707.89' | 9.28' | INF |
| 20' | 12.33' | $52.98{ }^{\prime}$ | 10.64' | 167.19' | 8.91' | INF |
| 18' | 11.54' | 40.90' | 10.05' | 86.47' | 8.49' | INF |
| $16{ }^{\prime}$ | 10.69' | 31.83' | 9.39' | 53.92' | 8.02' | INF |
| $14{ }^{\prime}$ | $9.76{ }^{\prime}$ | 24.77' | 8.67' | 36.34' | $7.49{ }^{\prime}$ | 107.17' |
| 13' | 9.26' | 21.79' | 8.28' | 30.27' | $7.20{ }^{\prime}$ | 67.27' |
| 12' | 8.75' | 19.11' | 7.86' | 25.33' | 6.88 ' | 46.90' |
| 11' | 8.20' | 16.69' | 7.42' | 21.23' | $6.54 '$ | 34.54' |
| 10' | 7.64' | 14.48' | 6.96' | 17.78' | $6.18{ }^{\prime}$ | 26.24' |
| 9' $\mathbf{6 '}^{\prime \prime}$ | 7.34' | 13.45' | 6.71' | 16.25' | 5.98' | 23.04' |
| 9' | 7.04' | $12.47{ }^{\prime}$ | 6.46' | 14.84' | 5.78' | 20.29' |
| 8' $6^{\prime \prime}$ | 6.73 ' | $11.53 '$ | 6.20' | 13.52' | 5.57' | 17.90' |
| 8' | 6.42 ' | 10.62' | 5.93' | 12.29' | 5.36' | 15.80' |
| 7' 6" | 6.09' | 9.76' | 5.65' | 11.14' | 5.13' | 13.95' |
| $7{ }^{\prime}$ | $5.76{ }^{\prime}$ | 8.92' | 5.37' | 10.07' | 4.89' | 12.30' |
| 6' $6^{\prime \prime}$ | 5.42' | 8.12' | 5.07' | 9.06' | 4.64' | 10.83' |
| 6' ${ }^{\prime \prime}$ | 5.24' | 7.74' | 4.92' | 8.58' | 4.52' | 10.15' |
| 6' | 5.07' | 7.36' | 4.76' | 8.11' | 4.38' | 9.50' |
| 5' ${ }^{\prime \prime}$ | 4.89' | $6.98{ }^{\prime}$ | 4.60' | 7.66' | 4.25' | 8.89' |
| 5' 6" | 4.71' | 6.62 ' | 4.44' | 7.22' | 4.11' | 8.30' |
| 5' 3' | 4.52' | $6.26{ }^{\prime}$ | 4.28' | $6.80{ }^{\prime}$ | 3.97' | $7.74{ }^{\prime}$ |
| 5' | 4.34' | 5.90' | 4.11' | $6.38{ }^{\prime}$ | 3.83' | 7.20' |
| 4' $9^{\prime \prime}$ | 4.15' | 5.56' | 3.94' | $5.98{ }^{\prime}$ | 3.68' | $6.69{ }^{\prime}$ |
| 4' $\mathbf{6}^{\prime \prime}$ | 3.96' | 5.22' | $3.77{ }^{\prime}$ | 5.58' | 3.53' | $6.20{ }^{\prime}$ |
| 4'3' | 3.76' | 4.88' | 3.59' | $5.20{ }^{\prime}$ | 3.38 ' | 5.74' |
| 4' | 3.57' | 4.55' | 3.41' | 4.83' | 3.22' | 5.29' |
| 3' 9" | 3.37' | 4.23' | 3.23' | 4.47' | $3.06{ }^{\prime}$ | 4.86' |
| 3' ${ }^{\prime \prime}$ | $3.17{ }^{\prime}$ | 3.92' | 3.04' | $4.12{ }^{\prime}$ | $2.89{ }^{\prime}$ | $4.44{ }^{\prime}$ |
| 3' ${ }^{\prime \prime}$ | $2.96{ }^{\prime}$ | 3.60' | $2.85{ }^{\prime}$ | $3.77{ }^{\prime}$ | $2.72^{\prime}$ | 4.04' |
| 3' | $2.75{ }^{\prime}$ | $3.30{ }^{\prime}$ | 2.66' | $3.44{ }^{\prime}$ | 2.54' | 3.66' |
| 2' 9" | 2.54' | $3.00{ }^{\prime}$ | $2.46{ }^{\prime}$ | 3.11' | $2.36{ }^{\prime}$ | $3.29 '$ |
| 2' 6" | 2.33' | 2.70 | 2.26' | 2.80' | $2.18{ }^{\prime}$ | 2.94' |

ARRI/ZEISS Master Anamorphic $2 x$ MA 35/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 |  | 16 |  | 22 |  |
| ft | from | to | from | to | from | to |
| hyperfocal distance | 11.41' |  | 8.10' |  | 5.76' |  |
| INF | 11.41' | INF | 8.10' | INF | 5.76' | INF |
| 300' | 10.89' | INF | 7.78' | INF | 5.55' | INF |
| 150' | 10.51' | INF | 7.59' | INF | 5.45' | INF |
| 100' | 10.16' | INF | 7.40' | INF | 5.35' | INF |
| $70^{\prime}$ | $9.74{ }^{\prime}$ | INF | 7.18' | INF | 5.23' | INF |
| 50 | 9.23 ' | INF | 6.90' | INF | 5.08' | INF |
| $40^{\prime}$ | 8.83' | INF | $6.67{ }^{\prime}$ | INF | 4.96' | INF |
| $30^{\prime}$ | 8.23' | INF | 6.33 ' | INF | $4.77{ }^{\prime}$ | INF |
| 25 | $7.80{ }^{\prime}$ | INF | $6.07{ }^{\prime}$ | INF | 4.62' | INF |
| 22' | 7.49' | INF | 5.88' | INF | 4.51' | INF |
| $20^{\prime}$ | $7.24{ }^{\prime}$ | INF | 5.73' | INF | 4.42' | INF |
| $18{ }^{\prime}$ | $6.97{ }^{\prime}$ | INF | 5.56' | INF | 4.32' | INF |
| $16^{\prime}$ | $6.65{ }^{\prime}$ | INF | 5.35' | INF | 4.20' | INF |
| $14{ }^{\prime}$ | $6.28{ }^{\prime}$ | INF | 5.11' | INF | 4.05' | INF |
| $13 '$ | $6.07{ }^{\prime}$ | INF | 4.97' | INF | 3.96' | INF |
| 12' | 5.85' | INF | 4.82' | INF | $3.87{ }^{\prime}$ | INF |
| $11{ }^{\prime}$ | 5.60' | 304.19' | 4.66' | INF | 3.76' | INF |
| $10^{\prime}$ | 5.33' | 80.19' | 4.47' | INF | $3.64{ }^{\prime}$ | INF |
| 9' 6" | 5.19' | 56.22' | 4.37 | INF | $3.57{ }^{\prime}$ | INF |
| $9{ }^{\prime}$ | 5.04' | 42.20 | 4.26' | INF | $3.50 '$ | INF |
| 8' 6 " | 4.88' | 33.01' | $4.15{ }^{\prime}$ | INF | 3.42' | INF |
| 8' | $4.71{ }^{\prime}$ | 26.51' | 4.03' | 635.13' | $3.34{ }^{\prime}$ | INF |
| 7' 6" | $4.54{ }^{\prime}$ | $21.67{ }^{\prime}$ | 3.90' | 99.72' | $3.25{ }^{\prime}$ | INF |
| $7{ }^{\prime}$ | $4.35{ }^{\prime}$ | 17.93' | 3.76' | 50.79' | $3.15{ }^{\prime}$ | INF |
| 6' $6^{\prime \prime}$ | 4.15' | 14.96' | $3.61{ }^{\prime}$ | 32.43' | $3.05 '$ | INF |
| 6' ${ }^{\prime \prime}$ | 4.05' | 13.68' | 3.54' | $26.97{ }^{\prime}$ | 3.00' | INF |
| $6{ }^{\prime}$ | $3.94{ }^{\prime}$ | 12.53' | $3.45{ }^{\prime}$ | 22.81' | $2.94{ }^{\prime}$ | INF |
| 5' ${ }^{\prime \prime}$ | $3.84{ }^{\prime}$ | $11.48{ }^{\prime}$ | 3.37' | 19.54' | 2.88 | INF |
| 5' 6" | 3.72' | 10.51' | 3.29' | 16.89' | 2.82' | 118.72' |
| 5' 3' | 3.61' | $9.63{ }^{\prime}$ | 3.20' | 14.71' | 2.75 | 57.95' |
| 5' | 3.49 ' | 8.81' | 3.10' | 12.88' | 2.68 ' | 37.07' |
| 4'9" | $3.37{ }^{\prime}$ | 8.06' | $3.01{ }^{\prime}$ | $11.32^{\prime}$ | 2.61' | 26.51' |
| 4' 6" | $3.24{ }^{\prime}$ | $7.36{ }^{\prime}$ | 2.91' | 9.98' | 2.53' | $20.14{ }^{\prime}$ |
| 4' 3" | $3.11{ }^{\prime}$ | $6.71{ }^{\prime}$ | 2.80 | 8.81' | $2.45{ }^{\prime}$ | 15.88' |
| 4' | $2.98{ }^{\prime}$ | 6.10' | 2.69' | 7.79' | $2.37{ }^{\prime}$ | 12.82' |
| 3' 9' | $2.84{ }^{\prime}$ | 5.53' | 2.58' | $6.88{ }^{\prime}$ | 2.28' | 10.53' |
| 3' 6" | 2.69 ' | 5.00' | 2.46' | $6.08{ }^{\prime}$ | $2.19{ }^{\prime}$ | 8.74' |
| 3' 3' | $2.54{ }^{\prime}$ | $4.50{ }^{\prime}$ | 2.33' | $5.35{ }^{\prime}$ | 2.09' | 7.31' |
| 3' | 2.39' | 4.03' | 2.20' | 4.70' | 1.99 ' | $6.13{ }^{\prime}$ |
| 2'9" | 2.23' | $3.59{ }^{\prime}$ | $2.07{ }^{\prime}$ | $4.10^{\prime}$ | $1.88{ }^{\prime}$ | $5.16{ }^{\prime}$ |
| 2' 6" | 2.06' | $3.17{ }^{\prime}$ | 1.93' | $3.57{ }^{\prime}$ | $1.76{ }^{\prime}$ | $4.33{ }^{\prime}$ |

Depth of field tables
ARRI/ZEISS Master Anamorphic $2 x$ MA 40/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1.9 |  | 2 |  | 2.8 |  |
| hyperfocal distance | from | to | from | to | from | to |
|  | 89.42' |  | 83.29' |  | 58.94' |  |
| INF | 89.42' | INF | 83.29' | INF | 58.94' | INF |
| 300' | 68.83' | INF | 65.14' | INF | 49.19' | INF |
| 150' | 56.00' | INF | 53.53' | INF | 42.27' | INF |
| 100' | $47.20{ }^{\prime}$ | INF | 45.44' | INF | 37.06' | INF |
| $70^{\prime}$ | 39.27' | 321.83' | 38.04' | 437.93' | 31.99' | INF |
| 50' | 32.08' | 113.25' | 31.26' | 124.89' | 27.06' | 329.05' |
| $40^{\prime}$ | 27.65' | 72.27' | 27.04' | $76.84{ }^{\prime}$ | 23.84' | 124.22' |
| $30^{\prime}$ | 22.48' | 45.08' | 22.07' | 46.81' | 19.90' | $60.97{ }^{\prime}$ |
| 25' | 19.55' | 34.65' | 19.25' | 35.67' | 17.57' | 43.32' |
| 20' | 16.36' | 25.72' | 16.14' | 26.28' | 14.95' | 30.21' |
| 18' | 15.00' | 22.50' | 14.82' | 22.93 ' | 13.81' | 25.86 |
| $16{ }^{\prime}$ | 13.59' | 19.46' | 13.44' | 19.77' | $12.60{ }^{\prime}$ | 21.91' |
| $14{ }^{\prime}$ | 12.12' | $16.57{ }^{\prime}$ | 12.00' | 16.80' | 11.33' | 18.32' |
| 13' | 11.36' | 15.19' | 11.26' | 15.38' | 10.67' | 16.64' |
| 12' | 10.59' | 13.84' | 10.50' | 14.00' | 9.99' | 15.03' |
| 11' | 9.81' | 12.53' | 9.73' | $12.65{ }^{\prime}$ | 9.28' | $13.49^{\prime}$ |
| 10' | 9.01' | 11.24' | 8.94' | 11.35' | 8.56' | 12.02' |
| 9' $6^{\prime \prime}$ | 8.60' | 10.61' | 8.54' | 10.71' | 8.19' | $11.30 '$ |
| 9' | 8.19' | 9.99' | 8.13' | 10.07' | 7.82' | 10.60' |
| 8' 6" | 7.77' | 9.38' | 7.72' | $9.45{ }^{\prime}$ | 7.44' | 9.91' |
| 81 | $7.35{ }^{\prime}$ | 8.77' | 7.31' | 8.84' | 7.06' | 9.24' |
| 7' 6" | $6.93{ }^{\prime}$ | 8.18' | 6.89' | 8.23' | $6.67{ }^{\prime}$ | 8.57' |
| 7' | $6.50{ }^{\prime}$ | 7.58' | 6.47' | 7.63' | $6.27{ }^{\prime}$ | 7.93' |
| 6' $6^{\prime \prime}$ | $6.07{ }^{\prime}$ | 7.00' | 6.04' | $7.04{ }^{\prime}$ | $5.87{ }^{\prime}$ | $7.29{ }^{\prime}$ |
| 6' | 5.63' | $6.42{ }^{\prime}$ | 5.60' | $6.46{ }^{\prime}$ | 5.46' | $6.67{ }^{\prime}$ |
| 5' $\mathbf{9}^{\prime \prime}$ | 5.41' | 6.14' | 5.39' | $6.17{ }^{\prime}$ | $5.25{ }^{\prime}$ | $6.36{ }^{\prime}$ |
| 5' 6" | 5.19' | 5.85' | 5.17' | $5.88{ }^{\prime}$ | 5.04' | $6.05{ }^{\prime}$ |
| 5' 3' | 4.97' | 5.57' | 4.95' | 5.59' | 4.83' | 5.75' |
| 5' | 4.74' | 5.29' | 4.72' | 5.31' | 4.62' | $5.45{ }^{\prime}$ |
| 4' $9^{\prime \prime}$ | 4.52' | 5.01' | 4.50' | $5.03{ }^{\prime}$ | $4.40^{\prime}$ | 5.16' |
| 4' $6^{\prime \prime}$ | $4.29{ }^{\prime}$ | $4.73{ }^{\prime}$ | 4.28' | $4.75{ }^{\prime}$ | $4.19^{\prime}$ | 4.86' |
| 4'3' | 4.06' | 4.46' | 4.05' | 4.47' | 3.97' | 4.57' |
| 4' | 3.83' | 4.18' | 3.82' | $4.20^{\prime}$ | 3.75' | 4.28' |
| 3' ${ }^{\prime \prime}$ | 3.60' | 3.91' | 3.59' | 3.92' | 3.53' | 4.00' |
| 3' 6" | $3.37{ }^{\prime}$ | 3.64' | 3.36' | $3.65{ }^{\prime}$ | 3.31' | $3.71{ }^{\prime}$ |
| 3' ${ }^{\prime \prime}$ | $3.14{ }^{\prime}$ | $3.37{ }^{\prime}$ | 3.13' | $3.38{ }^{\prime}$ | 3.09' | $3.43{ }^{\prime}$ |
| 3' | 2.91' | 3.10' | 2.90' | 3.11' | $2.86{ }^{\prime}$ | 3.15' |
| 2' 9" | $2.67{ }^{\prime}$ | 2.83 ' | 2.67' | 2.84' | 2.63 ' | $2.88{ }^{\prime}$ |
| 2' 6" | $2.44{ }^{\prime}$ | $2.57{ }^{\prime}$ | $2.43{ }^{\prime}$ | $2.57{ }^{\prime}$ | $2.40^{\prime}$ | 2.61' |

ARRI/ZEISS Master Anamorphic 2x MA 40/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4 |  | 5.6 |  | 8 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 41.71' |  | 29.53' |  | 20.92' |  |
| INF | 41.71' | INF | 29.53' | INF | 20.92' | INF |
| 300' | 36.53' | INF | 26.79' | INF | 19.45' | INF |
| 150' | 32.58' | INF | 24.60' | INF | 18.27' | INF |
| 100' | 29.40' | INF | 22.75' | INF | 17.23' | INF |
| $70^{\prime}$ | 26.12' | INF | 20.73' | INF | 16.05' | INF |
| 50' | 22.73' | INF | 18.55' | INF | 14.71' | INF |
| $40{ }^{\prime}$ | 20.42' | 971.46' | 16.98' | INF | 13.71' | INF |
| 30' | 17.46' | 106.51' | 14.88' | INF | 12.31' | INF |
| 25' | 15.64' | $62.20{ }^{\prime}$ | 13.54' | 162.14' | 11.38' | INF |
| 20' | 13.53' | $38.30 '$ | 11.94' | 61.68' | 10.23' | 451.15' |
| 18' | 12.59' | 31.56' | 11.20' | 45.89' | $9.68{ }^{\prime}$ | 128.09' |
| $16{ }^{\prime}$ | 11.58' | 25.88' | 10.39' | 34.76' | 9.07' | 67.59' |
| $14{ }^{\prime}$ | 10.50' | 21.01' | 9.51' | 26.50' | 8.40' | 42.05' |
| $13 '$ | 9.93' | 18.83' | 9.04' | 23.12' | 8.03' | 34.12' |
| 12' | 9.34' | 16.79' | 8.55' | 20.12' | 7.64' | 27.96' |
| 11' | 8.72' | 14.89' | 8.03' | 17.45' | 7.22' | 23.05' |
| $10^{\prime}$ | 8.08' | 13.11' | 7.49' | 15.05' | $6.78{ }^{\prime}$ | 19.04' |
| 9' 6" | $7.75{ }^{\prime}$ | 12.26' | $7.20 '$ | 13.94' | $6.55{ }^{\prime}$ | 17.29' |
| 9' | 7.42' | $11.44^{\prime}$ | 6.91' | 12.89' | $6.31{ }^{\prime}$ | 15.70' |
| 8' 6' | 7.08' | 10.64' | 6.62' | 11.88' | 6.06' | 14.23' |
| 8' | 6.73 ' | 9.87' | 6.31' | 10.92' | 5.80' | 12.87' |
| 7' ${ }^{\prime \prime}$ | $6.37{ }^{\prime}$ | 9.12' | $6.00 '$ | 10.01' | $5.54 '$ | 11.62' |
| 7 | 6.01' | 8.39' | 5.67' | $9.13{ }^{\prime}$ | 5.26' | 10.45' |
| 6' 6" | 5.64' | 7.68' | 5.34' | 8.30' | 4.98' | 9.37' |
| 6' | $5.26{ }^{\prime}$ | $6.99{ }^{\prime}$ | 5.00' | 7.50' | 4.68' | 8.36' |
| 5' ${ }^{\prime \prime}$ | $5.07{ }^{\prime}$ | $6.65{ }^{\prime}$ | 4.83' | 7.11' | $4.53 '$ | 7.88' |
| 5' 6" | 4.87' | $6.32 '$ | 4.65' | $6.73{ }^{\prime}$ | $4.37{ }^{\prime}$ | 7.42' |
| 5' 3' | 4.68' | 5.99' | 4.47' | $6.36{ }^{\prime}$ | $4.21{ }^{\prime}$ | $6.97{ }^{\prime}$ |
| 5' | 4.48' | 5.66' | 4.29' | $5.99{ }^{\prime}$ | $4.05{ }^{\prime}$ | $6.53 '$ |
| 4' ${ }^{\prime \prime}$ | 4.28' | 5.34' | 4.11' | 5.64' | 3.89' | $6.11{ }^{\prime}$ |
| 4' 6" | 4.07' | 5.03' | 3.92' | 5.29' | $3.72{ }^{\prime}$ | $5.70^{\prime}$ |
| 4' ${ }^{\prime \prime}$ | $3.87{ }^{\prime}$ | 4.72' | 3.73' | 4.94' | 3.55' | $5.30{ }^{\prime}$ |
| 4' | 3.66' | 4.41' | 3.54' | 4.61' | 3.37' | 4.92' |
| 3' ${ }^{\prime \prime}$ | $3.45{ }^{\prime}$ | 4.11' | 3.34' | 4.28' | 3.19' | 4.54' |
| 3' 6" | 3.24' | 3.81' | 3.14' | $3.95{ }^{\prime}$ | 3.01' | 4.18' |
| 3' ${ }^{\prime \prime}$ | 3.02' | 3.51' | 2.94' | 3.64' | 2.83 ' | 3.82' |
| 3' | 2.81' | 3.22' | 2.73' | 3.32' | 2.64 ' | 3.48' |
| 2' ${ }^{\prime \prime}$ | 2.59' | $2.94{ }^{\prime}$ | 2.53' | 3.02' | $2.44{ }^{\prime}$ | 3.15' |
| 2' 6" | $2.37{ }^{\prime}$ | 2.65 ' | 2.31' | 2.72' | 2.24' | 2.82' |

## ARRI/ZEISS Master Anamorphic 2x MA 40/T1.9 T*XP

circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 |  | 16 |  | 22 |  |
| ft | from | to | from | to | from | to |
| hyperfocal distance | 14.83' |  | 10.53' |  | 7.48' |  |
| INF | 14.83' | INF | 10.53' | INF | 7.48' | INF |
| 300' | 14.02' | INF | 10.05' | INF | 7.18' | INF |
| 150' | 13.40' | INF | $9.73{ }^{\prime}$ | INF | 7.01' | INF |
| 100' | 12.83' | INF | $9.43 '$ | INF | 6.86' | INF |
| $70^{\prime}$ | 12.17' | INF | $9.07{ }^{\prime}$ | INF | 6.66' | INF |
| 50 | 11.38' | INF | 8.63' | INF | 6.42' | INF |
| $40^{\prime}$ | 10.78' | INF | $8.27{ }^{\prime}$ | INF | 6.23' | INF |
| $30^{\prime}$ | 9.90' | INF | 7.75' | INF | 5.93' | INF |
| 25 | 9.29' | INF | 7.37' | INF | 5.70' | INF |
| $20^{\prime}$ | 8.51' | INF | $6.87{ }^{\prime}$ | INF | 5.40' | INF |
| 18 | 8.13' | INF | 6.62' | INF | 5.25' | INF |
| 16 ' | 7.69' | INF | $6.33 '$ | INF | 5.07' | INF |
| $14 '$ | $7.20{ }^{\prime}$ | 247.29' | 6.00' | INF | 4.85' | INF |
| $13 '$ | $6.93{ }^{\prime}$ | 104.30' | 5.81' | INF | 4.73' | INF |
| 12' | $6.64{ }^{\prime}$ | 62.29' | $5.60 '$ | INF | 4.59' | INF |
| $11^{\prime}$ | 6.32' | 42.20' | $5.38{ }^{\prime}$ | INF | 4.44' | INF |
| $10^{\prime}$ | $5.98{ }^{\prime}$ | 30.42' | $5.13{ }^{\prime}$ | 197.46' | $4.27{ }^{\prime}$ | INF |
| 9' 6" | $5.80{ }^{\prime}$ | 26.19' | $5.00{ }^{\prime}$ | 96.21' | 4.18' | INF |
| 9' | $5.61{ }^{\prime}$ | 22.69 ' | 4.86' | 61.29 ' | 4.08' | INF |
| 8' $6^{\prime \prime}$ | 5.42 ' | 19.73' | 4.71' | $43.60^{\prime}$ | 3.98' | INF |
| 8' | $5.21{ }^{\prime}$ | 17.21' | $4.55{ }^{\prime}$ | 32.92' | 3.86 | INF |
| 7' 6" | 5.00' | 15.04' | 4.39' | 25.76' | 3.75' | INF |
| $7{ }^{\prime}$ | $4.77{ }^{\prime}$ | 13.14' | 4.22' | 20.64' | 3.62' | 106.81' |
| 6' $6^{\prime \prime}$ | $4.54{ }^{\prime}$ | $11.47{ }^{\prime}$ | 4.03' | 16.78' | 3.48' | $48.67{ }^{\prime}$ |
| 6' | $4.29{ }^{\prime}$ | 9.99' | 3.84' | $13.78{ }^{\prime}$ | $3.34{ }^{\prime}$ | 29.76' |
| 5' 9" | $4.16{ }^{\prime}$ | 9.31' | 3.73' | 12.51' | 3.26' | 24.41' |
| 5' 6" | 4.03' | 8.66' | 3.63' | $11.38{ }^{\prime}$ | 3.18' | 20.40 |
| 5' ${ }^{\prime \prime}$ | 3.89' | 8.06' | 3.52' | $10.34{ }^{\prime}$ | 3.10' | 17.29' |
| 5' | 3.76' | $7.48{ }^{\prime}$ | 3.41' | $9.41{ }^{\prime}$ | 3.01' | 14.81' |
| 4'9" | $3.61{ }^{\prime}$ | 6.93 ' | 3.29' | 8.55' | 2.92' | 12.78' |
| 4' $6^{\prime \prime}$ | $3.47{ }^{\prime}$ | $6.40{ }^{\prime}$ | $3.17{ }^{\prime}$ | 7.76 | 2.82' | $11.09{ }^{\prime}$ |
| 4' 3" | 3.32' | 5.90' | 3.04' | 7.04' | 2.72 | $9.67{ }^{\prime}$ |
| 4' | $3.17{ }^{\prime}$ | 5.43' | 2.92 | $6.37{ }^{\prime}$ | 2.62 ' | $8.45{ }^{\prime}$ |
| 3' 9" | 3.01' | $4.98{ }^{\prime}$ | 2.78' | $5.75{ }^{\prime}$ | 2.51' | 7.39' |
| 3' 6" | $2.85{ }^{\prime}$ | $4.54{ }^{\prime}$ | $2.64{ }^{\prime}$ | 5.18' | $2.40{ }^{\prime}$ | $6.46{ }^{\prime}$ |
| 3' $3^{\prime \prime}$ | $2.68{ }^{\prime}$ | 4.13' | $2.50{ }^{\prime}$ | 4.64' | $2.28{ }^{\prime}$ | $5.65{ }^{\prime}$ |
| $3 '$ | $2.51{ }^{\prime}$ | 3.73' | $2.35{ }^{\prime}$ | 4.14' | $2.16{ }^{\prime}$ | 4.92' |
| 2' 9" | $2.33 '$ | $3.35{ }^{\prime}$ | $2.20 '$ | $3.68{ }^{\prime}$ | 2.03' | 4.27 ' |
| 2' 6" | 2.15 ' | $2.98{ }^{\prime}$ | 2.04' | $3.24{ }^{\prime}$ | 1.89' | 3.69 ' |

ARRI/ZEISS Master Anamorphic 2x MA 50/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1.9 |  | 2 |  | 2.8 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 136.79' |  | 127.32' |  | 90.08' |  |
| INF | 136.79' | INF | 127.32' | INF | 90.08' | INF |
| 300' | 93.91' | INF | 89.34' | INF | 69.21' | INF |
| 150' | 71.54' | INF | 68.86 | INF | 56.26' | INF |
| 100' | 57.78' | 371.34' | 56.02' | 465.37' | 47.39' | INF |
| $70^{\prime}$ | 46.32' | 143.19' | 45.19' | 155.28' | 39.40' | 313.45' |
| 50' | 36.64' | 78.71' | 35.92' | 82.23' | 32.17' | 112.17' |
| $40^{\prime}$ | 30.97' | 56.46' | 30.46' | 58.25' | 27.72' | 71.82' |
| 30' | 24.62' | 38.38' | $24.30{ }^{\prime}$ | 39.20' | 22.53' | $44.90{ }^{\prime}$ |
| $25^{\prime}$ | 21.16' | 30.55' | 20.92' | $31.07{ }^{\prime}$ | 19.59' | 34.54' |
| 20' | 17.46' | 23.40' | 17.30' | 23.70' | 16.39' | 25.66' |
| 18' | 15.92' | 20.70' | 15.79' | 20.94' | 15.02' | $22.45{ }^{\prime}$ |
| $16{ }^{\prime}$ | 14.34' | 18.10' | 14.23' | 18.28' | 13.60' | 19.42' |
| $14{ }^{\prime}$ | 12.71' | 15.58' | 12.63' | 15.71' | 12.13' | 16.55' |
| 12' | 11.04' | 13.14' | 10.98' | 13.23' | 10.60' | 13.82' |
| 11' | 10.19' | 11.95' | 10.14' | 12.03' | 9.82' | 12.51' |
| $10^{\prime}$ | 9.33' | 10.78' | 9.28' | 10.84' | 9.01' | 11.23' |
| $9{ }^{\prime}$ | 8.45' | 9.62' | 8.42' | 9.67' | 8.20' | $9.98{ }^{\prime}$ |
| 8' | 7.57' | 8.49' | 7.54' | 8.53' | $7.36{ }^{\prime}$ | 8.76' |
| 7' 6" | 7.12' | 7.93' | 7.09' | 7.96' | $6.93 '$ | 8.17' |
| 7' | $6.67{ }^{\prime}$ | $7.37{ }^{\prime}$ | $6.64{ }^{\prime}$ | $7.40{ }^{\prime}$ | 6.51' | 7.58' |
| 6' 6" | $6.21{ }^{\prime}$ | 6.82' | $6.19^{\prime}$ | 6.84' | $6.07{ }^{\prime}$ | 6.99 ' |
| 6' | $5.75{ }^{\prime}$ | $6.27{ }^{\prime}$ | $5.74{ }^{\prime}$ | $6.29{ }^{\prime}$ | 5.63' | $6.42{ }^{\prime}$ |
| 5' ${ }^{\prime \prime}$ | 5.52' | $6.00{ }^{\prime}$ | 5.51' | $6.01{ }^{\prime}$ | 5.41' | 6.13' |
| 5' 6" | 5.29' | 5.72' | 5.28' | $5.74{ }^{\prime}$ | 5.19' | 5.85' |
| 5' ${ }^{\prime \prime}$ | 5.06' | $5.45{ }^{\prime}$ | 5.05' | 5.47' | 4.97' | 5.57' |
| 5' | 4.83' | 5.18' | 4.82' | $5.20{ }^{\prime}$ | 4.75' | 5.28' |
| 4' ${ }^{\prime \prime}$ | 4.60' | 4.92' | 4.59' | 4.93' | 4.52' | 5.01' |
| 4' $\mathbf{6}^{\prime \prime}$ | 4.36' | 4.65' | $4.35{ }^{\prime}$ | $4.66{ }^{\prime}$ | 4.29' | 4.73' |
| 4'3' | $4.13{ }^{\prime}$ | 4.38' | 4.12' | 4.39' | 4.07' | $4.45{ }^{\prime}$ |
| 4' | 3.89' | 4.12' | 3.88' | 4.12' | 3.84' | 4.18' |
| 3' ${ }^{\prime \prime}$ | $3.65{ }^{\prime}$ | 3.85' | $3.65{ }^{\prime}$ | 3.86' | 3.61' | 3.91' |
| 3' 6" | $3.42{ }^{\prime}$ | 3.59' | 3.41' | 3.59' | 3.38' | 3.64' |
| 3' ${ }^{\prime \prime}$ | 3.18' | 3.33' | $3.17{ }^{\prime}$ | 3.33' | 3.14' | $3.37{ }^{\prime}$ |
| 3' | $2.94{ }^{\prime}$ | 3.06' | $2.94{ }^{\prime}$ | 3.07' | 2.91' | $3.10^{\prime}$ |
| 2' 9" | 2.70' | 2.80' | $2.70{ }^{\prime}$ | $2.81{ }^{\prime}$ | 2.67' | 2.83 ' |
| 2' 6" | $2.46{ }^{\prime}$ | $2.54{ }^{\prime}$ | $2.46{ }^{\prime}$ | $2.55{ }^{\prime}$ | $2.44{ }^{\prime}$ | 2.57' |

ARRI/ZEISS Master Anamorphic 2x MA 50/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4 |  | 5.6 |  | 8 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 63.74' |  | 45.12' |  | $31.95{ }^{\prime}$ |  |
| INF | 63.74' | INF | 45.12' | INF | 31.95' | INF |
| 300' | 52.49' | INF | 39.12' | INF | 28.76' | INF |
| 150' | 44.69' | INF | 34.62' | INF | 26.26' | INF |
| 100' | 38.91' | INF | 31.05' | INF | 24.15' | INF |
| $70^{\prime}$ | 33.36' | INF | 27.42' | INF | 21.90' | INF |
| 50' | 28.03' | 231.30' | 23.71' | INF | 19.47' | INF |
| 40' | 24.59' | 107.11' | 21.21' | 351.10' | 17.75' | INF |
| $30^{\prime}$ | 20.42' | 56.53' | 18.03' | 89.19' | 15.48' | 488.05' |
| 25' | 17.98' | 41.03' | 16.10' | 55.86' | 14.04' | 114.29' |
| 20' | 15.24' | 29.07' | 13.88' | 35.79' | 12.32' | 53.19' |
| 18' | 14.06' | 25.02' | 12.89' | 29.84' | 11.53' | 41.01' |
| $16{ }^{\prime}$ | 12.81' | 21.31' | 11.83' | 24.70' | 10.68' | 31.88' |
| $14{ }^{\prime}$ | 11.50' | 17.89' | 10.71' | 20.22' | $9.76{ }^{\prime}$ | 24.79' |
| 12' | 10.12' | 14.75' | 9.50' | 16.29' | 8.74' | 19.12' |
| 11' | 9.40' | 13.26' | 8.86' | 14.49' | 8.20' | 16.69' |
| $10^{\prime}$ | 8.66' | 11.83' | 8.21' | 12.80' | 7.64' | 14.48' |
| $9{ }^{\prime}$ | 7.90' | 10.45' | 7.52' | 11.20' | 7.04' | 12.46' |
| 8' | 7.12' | 9.13' | 6.81' | 9.69' | $6.42{ }^{\prime}$ | 10.62' |
| 7' 6" | 6.72 ' | 8.48' | $6.45{ }^{\prime}$ | 8.96' | $6.09 '$ | 9.75' |
| 7' | $6.32 '$ | 7.84' | 6.08' | 8.26' | 5.76' | 8.92' |
| 6' 6" | 5.91' | 7.22' | 5.70' | 7.57' | 5.42' | 8.12' |
| 6' | 5.50' | $6.61{ }^{\prime}$ | 5.31' | $6.90{ }^{\prime}$ | 5.07' | $7.35{ }^{\prime}$ |
| 5' ${ }^{\prime \prime}$ | 5.29' | $6.30{ }^{\prime}$ | 5.12' | $6.57{ }^{\prime}$ | 4.89' | 6.98' |
| 5' 6" | 5.07' | $6.00{ }^{\prime}$ | 4.92' | $6.24 '$ | 4.71' | 6.61' |
| 5' 3' | 4.86' | 5.71' | 4.72' | 5.92' | 4.53' | $6.25{ }^{\prime}$ |
| 5' | $4.65{ }^{\prime}$ | 5.41' | 4.51' | 5.60' | 4.34' | 5.90' |
| 4' ${ }^{\prime \prime}$ | 4.43' | 5.12' | 4.31' | 5.29' | 4.15' | $5.55{ }^{\prime}$ |
| 4' $\mathbf{6}^{\prime \prime}$ | 4.21' | 4.83' | 4.10' | $4.98{ }^{\prime}$ | 3.96' | 5.21' |
| 4'3' | 3.99' | 4.54' | 3.90' | 4.68' | $3.77{ }^{\prime}$ | 4.88' |
| 4' | $3.77{ }^{\prime}$ | $4.26{ }^{\prime}$ | $3.69{ }^{\prime}$ | 4.37' | 3.57' | $4.55{ }^{\prime}$ |
| 3' ${ }^{\prime \prime}$ | 3.55' | 3.97' | 3.47' | $4.08{ }^{\prime}$ | 3.37' | $4.23{ }^{\prime}$ |
| 3' 6" | 3.33' | 3.69' | $3.26{ }^{\prime}$ | $3.78{ }^{\prime}$ | 3.17' | 3.91' |
| 3' ${ }^{\prime \prime}$ | 3.10' | 3.42' | 3.04' | $3.49{ }^{\prime}$ | $2.96{ }^{\prime}$ | 3.60' |
| 3' | $2.87{ }^{\prime}$ | 3.14' | 2.82' | $3.20{ }^{\prime}$ | $2.75{ }^{\prime}$ | $3.29{ }^{\prime}$ |
| 2' 9" | $2.64{ }^{\prime}$ | $2.87{ }^{\prime}$ | $2.60{ }^{\prime}$ | $2.92{ }^{\prime}$ | 2.54' | 2.99' |
| 2' 6" | $2.41^{\prime}$ | 2.60' | 2.38' | 2.64' | 2.33' | $2.70^{\prime}$ |

ARRI/ZEISS Master Anamorphic 2x MA 50/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 |  | 16 |  | 22 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 22.64' |  | 16.06' |  | 11.40' |  |
| INF | 22.64' | INF | 16.06' | INF | 11.40' | INF |
| 300' | 20.92' | INF | 15.10' | INF | 10.84' | INF |
| 150' | 19.57' | INF | 14.39' | INF | 10.47' | INF |
| 100' | 18.38' | INF | 13.73' | INF | 10.12' | INF |
| $70^{\prime}$ | 17.05' | INF | 12.98' | INF | 9.70' | INF |
| 50' | 15.54' | INF | 12.09' | INF | 9.20' | INF |
| 40' | 14.43' | INF | 11.41' | INF | 8.80' | INF |
| 30' | 12.89' | INF | 10.43' | INF | 8.21' | INF |
| $25^{\prime}$ | 11.88' | INF | 9.76' | INF | $7.79{ }^{\prime}$ | INF |
| 20' | 10.63' | 170.10' | 8.90' | INF | 7.23' | INF |
| 18' | 10.04' | 87.15' | 8.48' | INF | $6.96{ }^{\prime}$ | INF |
| $16{ }^{\prime}$ | 9.39' | 54.14' | 8.02' | INF | 6.64' | INF |
| $14{ }^{\prime}$ | 8.67' | 36.41' | 7.49' | 108.08' | $6.28{ }^{\prime}$ | INF |
| 12' | 7.86' | $25.35{ }^{\prime}$ | 6.88' | 46.99' | 5.85' | INF |
| 11' | 7.42' | 21.24' | 6.54' | 34.56' | 5.60' | 306.41' |
| $10^{\prime}$ | 6.96' | 17.78' | 6.18' | 26.23' | 5.33' | 80.08' |
| $9{ }^{\prime}$ | $6.46{ }^{\prime}$ | 14.83' | 5.78' | 20.27' | 5.04' | 42.09' |
| 8' | 5.93' | 12.28' | 5.36' | 15.78' | 4.71' | 26.42' |
| 7' 6" | 5.66' | 11.13' | 5.13' | 13.93' | 4.54' | 21.60' |
| $7{ }^{7}$ | $5.37{ }^{\prime}$ | 10.06' | 4.90' | 12.28' | 4.35' | 17.87' |
| 6' $6^{\prime \prime}$ | 5.07' | $9.05{ }^{\prime}$ | 4.65' | 10.81' | $4.16{ }^{\prime}$ | 14.90' |
| 6' | 4.76' | 8.10' | 4.39' | 9.48' | 3.95' | 12.48' |
| 5' ${ }^{\prime \prime}$ | 4.61' | 7.65' | 4.26' | 8.87' | 3.84' | 11.43' |
| 5' 6" | $4.45{ }^{\prime}$ | 7.21' | 4.12' | 8.28' | 3.73' | 10.47' |
| 5' ${ }^{\prime \prime}$ | $4.28{ }^{\prime}$ | $6.79{ }^{\prime}$ | 3.98' | 7.72' | 3.61' | $9.59{ }^{\prime}$ |
| 5' | 4.12' | $6.37{ }^{\prime}$ | 3.83' | 7.19' | 3.50' | 8.78' |
| 4' ${ }^{\prime \prime}$ | 3.95' | $5.97{ }^{\prime}$ | 3.69' | $6.68{ }^{\prime}$ | $3.37{ }^{\prime}$ | 8.02' |
| 4' 6" | 3.77' | 5.58' | 3.54' | $6.19{ }^{\prime}$ | 3.25' | 7.33' |
| 4' ${ }^{\prime \prime}$ | 3.60' | 5.19' | 3.38' | 5.72' | 3.12' | $6.68{ }^{\prime}$ |
| 4' | 3.42' | 4.82' | 3.22' | $5.27{ }^{\prime}$ | $2.98{ }^{\prime}$ | $6.07{ }^{\prime}$ |
| 3' ${ }^{\prime \prime}$ | 3.23' | 4.46' | 3.06' | 4.84' | 2.84' | 5.51' |
| 3' 6" | 3.05' | 4.11' | 2.89' | 4.43' | $2.70{ }^{\prime}$ | 4.98' |
| 3' ${ }^{\prime \prime}$ | $2.86{ }^{\prime}$ | 3.77 | 2.72 ' | 4.03' | $2.55{ }^{\prime}$ | 4.48' |
| 3' | $2.66{ }^{\prime}$ | $3.43{ }^{\prime}$ | 2.55' | $3.65{ }^{\prime}$ | $2.40{ }^{\prime}$ | 4.01' |
| 2' 9" | $2.47{ }^{\prime}$ | 3.11' | 2.37' | $3.28{ }^{\prime}$ | $2.24{ }^{\prime}$ | 3.57' |
| 2' 6" | $2.27{ }^{\prime}$ | 2.79' | 2.18' | 2.93' | 2.07' | 3.16' |

ARRI/ZEISS Master Anamorphic 2x MA 60/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1.9 |  | 2 |  | 2.8 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 192.59' |  | 179.58' |  | 127.04' |  |
| INF | 192.59' | INF | 179.58' | INF | 127.04' | INF |
| 300' | 117.27' | INF | 112.31' | INF | 89.19' | INF |
| 150' | 84.34' | 677.55' | 81.74' | 909.56' | $68.78{ }^{\prime}$ | INF |
| 100' | 65.84' | 207.79' | 64.25' | 225.41' | 55.97' | 469.06' |
| $70^{\prime}$ | 51.37' | 109.86' | 50.39' | 114.59' | 45.15' | 155.66' |
| 50' | 39.72' | $67.46{ }^{\prime}$ | 39.14' | $69.22{ }^{\prime}$ | $35.90{ }^{\prime}$ | 82.32' |
| $40 '$ | 33.14' | 50.43' | 32.74' | 51.41' | 30.45' | 58.29' |
| $30^{\prime}$ | 25.98' | 35.50' | 25.73' | 35.98' | 24.29' | 39.21' |
| 25' | 22.15' | 28.70' | 21.96' | 29.01' | 20.91' | 31.08' |
| 22' | 19.76' | 24.81' | 19.62' | 25.04' | 18.77' | 26.57' |
| 20' | 18.13' | $22.30{ }^{\prime}$ | 18.01' | 22.48' | 17.30' | 23.70' |
| 18' | 16.48' | 19.84' | 16.38' | 19.98' | 15.79' | 20.94' |
| $16^{\prime}$ | 14.79' | 17.43' | 14.71' | 17.55' | 14.23' | 18.28' |
| $14{ }^{\prime}$ | 13.06' | 15.08' | 13.00' | 15.17' | 12.63' | 15.71' |
| 13' | 12.19' | 13.93' | 12.13' | 14.00' | 11.81' | 14.46' |
| 12' | 11.31' | 12.78' | 11.26' | 12.85' | 10.98' | 13.23' |
| 11' | 10.42' | 11.65' | 10.38' | 11.71' | 10.14' | 12.02' |
| 10' | 9.52' | 10.54' | 9.48 ' | 10.58' | $9.28{ }^{\prime}$ | 10.84' |
| 9' 6" | 9.06' | 9.98' | 9.03' | 10.02' | 8.85' | 10.25' |
| 9' | 8.61' | 9.43 ' | 8.58' | 9.46' | 8.42' | 9.67' |
| 8' ${ }^{\prime \prime}$ | 8.15' | 8.88' | 8.12' | 8.91' | 7.98' | 9.10' |
| 8' | 7.69' | 8.34' | 7.67' | 8.36' | 7.54' | 8.52' |
| 7' 6" | 7.23' | 7.80' | 7.21' | 7.82' | 7.09' | 7.96' |
| 7' | $6.76{ }^{\prime}$ | 7.26' | $6.74{ }^{\prime}$ | $7.28{ }^{\prime}$ | $6.64{ }^{\prime}$ | $7.40{ }^{\prime}$ |
| 6' 6" | $6.29 '$ | 6.72 ' | $6.28{ }^{\prime}$ | $6.74{ }^{\prime}$ | $6.19 '$ | 6.84' |
| 6' | 5.82' | 6.19' | 5.81' | $6.20{ }^{\prime}$ | $5.74{ }^{\prime}$ | $6.29 '$ |
| 5' ${ }^{\prime \prime}$ | 5.59' | 5.92' | 5.58' | 5.93' | 5.51' | $6.01{ }^{\prime}$ |
| 5' 6" | $5.35{ }^{\prime}$ | 5.66' | 5.34' | $5.67{ }^{\prime}$ | 5.28' | $5.74{ }^{\prime}$ |
| 5' ${ }^{\prime \prime}$ | 5.12' | 5.39' | 5.11' | 5.40' | $5.05{ }^{\prime}$ | 5.47' |
| $5 '$ | 4.88' | 5.13' | 4.87' | 5.14' | 4.82' | 5.20' |
| 4' ${ }^{\prime \prime}$ | 4.64' | 4.87' | 4.63' | 4.87' | 4.59' | 4.93' |
| 4' ${ }^{\prime \prime}$ | 4.40' | 4.60' | 4.40' | 4.61' | 4.35' | 4.66' |
| 4' ${ }^{\prime \prime}$ | 4.16' | 4.34' | 4.16' | $4.35{ }^{\prime}$ | 4.12' | 4.39 ' |
| 4' | 3.92' | 4.08' | 3.92' | 4.09' | 3.88' | 4.12' |
| 3' ${ }^{\prime \prime}$ | 3.68' | 3.82' | 3.68' | 3.83' | $3.65{ }^{\prime}$ | 3.86' |
| 3' 6" | $3.44{ }^{\prime}$ | 3.56' | $3.44{ }^{\prime}$ | 3.57' | 3.41' | 3.59' |
| 3' ${ }^{\prime \prime}$ | 3.20' | $3.30{ }^{\prime}$ | $3.20{ }^{\prime}$ | $3.31{ }^{\prime}$ | $3.17{ }^{\prime}$ | $3.33 '$ |
| 3' | $2.96{ }^{\prime}$ | $3.04{ }^{\prime}$ | $2.95{ }^{\prime}$ | 3.05' | $2.94{ }^{\prime}$ | $3.07{ }^{\prime}$ |

ARRI/ZEISS Master Anamorphic 2x MA 60/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4 |  | 5.6 |  | 8 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 89.89' |  | 63.62' |  | 45.04' |  |
| INF | 89.89' | INF | 63.62' | INF | 45.04' | INF |
| 300' | $69.08{ }^{\prime}$ | INF | 52.38' | INF | 39.04' | INF |
| 150' | 56.18' | INF | 44.62' | INF | 34.56' | INF |
| 100' | 47.33' | INF | 38.86' | INF | $31.00 '$ | INF |
| $70^{\prime}$ | 39.37' | 315.66' | 33.32' | INF | 27.38' | INF |
| 50' | 32.15' | 112.43' | 28.01' | 232.84' | 23.69' | INF |
| $40 '$ | 27.71' | 71.91' | 24.58' | 107.41' | 21.19' | 355.68' |
| $30^{\prime}$ | 22.52' | 44.93' | 20.41' | 56.59' | 18.02' | 89.43' |
| 25' | 19.58' | 34.56' | 17.97' | 41.06' | 16.10' | 55.94' |
| 22' | 17.70' | 29.07' | 16.37' | 33.53' | 14.80' | 42.82' |
| 20' | 16.38' | 25.67' | 15.24' | 29.08' | 13.87' | 35.82' |
| 18' | 15.02' | $22.46{ }^{\prime}$ | 14.06' | 25.03' | 12.89' | 29.85' |
| 16' | 13.60' | 19.42' | 12.81' | 21.31' | 11.83' | 24.71' |
| 14' | 12.13' | 16.55' | 11.50' | 17.90' | 10.71' | 20.23' |
| 13' | 11.38' | 15.17' | 10.82' | 16.29' | 10.11' | 18.19' |
| 12' | 10.61' | 13.82' | 10.12' | 14.74' | 9.50' | 16.29' |
| 11' | 9.82' | 12.51' | 9.40' | 13.26' | 8.87' | 14.49' |
| 10' | 9.02' | 11.23' | 8.66' | 11.83' | 8.21' | 12.80' |
| 9' $\mathbf{6 ' ~}^{\prime \prime}$ | 8.61' | 10.60' | 8.29' | 11.13' | 7.87' | 11.99' |
| 9' | 8.20' | 9.98' | $7.90{ }^{\prime}$ | 10.45' | 7.52' | 11.20' |
| 8' 6" | 7.78' | 9.37' | 7.52' | $9.78{ }^{\prime}$ | 7.17' | 10.43' |
| 8' | 7.36' | 8.76' | 7.12' | 9.12' | 6.81' | 9.69' |
| 7' 6" | $6.94{ }^{\prime}$ | 8.17' | 6.73 ' | 8.48' | $6.45{ }^{\prime}$ | 8.96' |
| $7{ }^{\prime}$ | 6.51' | 7.58' | 6.32' | 7.84' | $6.08{ }^{\prime}$ | 8.25' |
| 6' 6" | $6.07{ }^{\prime}$ | 6.99 ' | 5.91' | 7.22' | $5.70 '$ | 7.56' |
| 6' | 5.64' | 6.42 ' | 5.50' | $6.60{ }^{\prime}$ | 5.31' | 6.89' |
| 5' ${ }^{\prime \prime}$ | 5.42' | $6.13{ }^{\prime}$ | 5.29' | $6.30{ }^{\prime}$ | 5.12' | $6.56{ }^{\prime}$ |
| 5' 6" | 5.19' | 5.85' | 5.08' | $6.00^{\prime}$ | 4.92' | $6.24{ }^{\prime}$ |
| 5' 3' | 4.97' | 5.56' | 4.86' | 5.71' | 4.72' | 5.92' |
| $5 '$ | $4.75{ }^{\prime}$ | 5.28' | $4.65{ }^{\prime}$ | 5.41' | 4.52' | 5.60' |
| 4' ${ }^{\prime \prime}$ | 4.52' | 5.00' | 4.43' | 5.12' | 4.31' | 5.29' |
| 4' 6" | 4.29' | 4.73' | 4.21' | 4.83' | 4.11' | 4.98' |
| 4'3' | 4.07 ' | 4.45' | 4.00' | 4.54' | 3.90' | 4.67' |
| 4' | 3.84' | 4.18' | $3.77{ }^{\prime}$ | $4.26{ }^{\prime}$ | 3.69' | $4.37{ }^{\prime}$ |
| 3' ${ }^{\prime \prime}$ | 3.61' | 3.91' | 3.55' | $3.97{ }^{\prime}$ | 3.48' | $4.07{ }^{\prime}$ |
| 3' 6" | 3.38' | 3.63' | 3.33' | 3.69' | 3.26' | 3.78' |
| 3' ${ }^{\prime \prime}$ | $3.14{ }^{\prime}$ | $3.37{ }^{\prime}$ | 3.10' | $3.41^{\prime}$ | 3.04' | $3.49^{\prime}$ |
| 3' | 2.91' | 3.10' | $2.87{ }^{\prime}$ | 3.14' | 2.82' | 3.20' |

ARRI/ZEISS Master Anamorphic $2 x$ MA 60/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 |  | 16 |  | 22 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 31.91' |  | 22.62' |  | 16.05' |  |
| INF | 31.91' | INF | 22.62' | INF | 16.05' | INF |
| 300' | 28.70' | INF | 20.88' | INF | 15.07' | INF |
| 150' | 26.21' | INF | 19.53' | INF | 14.36' | INF |
| 100' | 24.11' | INF | 18.35' | INF | 13.71' | INF |
| $70^{\prime}$ | 21.87' | INF | 17.02' | INF | 12.96' | INF |
| 50' | 19.45' | INF | 15.52' | INF | 12.07' | INF |
| $40^{\prime}$ | 17.74' | INF | 14.41' | INF | 11.40' | INF |
| $30^{\prime}$ | 15.47' | 498.55' | 12.88' | INF | 10.42' | INF |
| 25' | 14.03' | 114.76' | 11.87' | INF | 9.75' | INF |
| 22' | 13.04' | $70.41^{\prime}$ | 11.15' | 795.44' | 9.26' | INF |
| 20' | 12.31' | 53.26' | 10.62' | 171.16' | 8.89' | INF |
| 18' | 11.53' | 41.04' | 10.03' | 87.36' | 8.48' | INF |
| 16' | 10.68' | 31.89' | 9.39' | 54.19' | 8.01' | INF |
| 14' | $9.75{ }^{\prime}$ | 24.79' | 8.67' | 36.42' | 7.48' | 108.15' |
| 13' | 9.26' | 21.80' | 8.28' | 30.30' | 7.19' | 67.53' |
| 12' | 8.75' | 19.12' | 7.86' | $25.34{ }^{\prime}$ | $6.88{ }^{\prime}$ | 46.95' |
| 11' | 8.21' | 16.68' | 7.42' | 21.23' | 6.54' | 34.52' |
| 10' | 7.64' | 14.48' | 6.96' | 17.77' | 6.18' | 26.20' |
| 9' 6" | 7.35' | 13.44' | 6.71' | 16.24' | 5.99' | 22.99' |
| $9 '$ | 7.04' | $12.46{ }^{\prime}$ | $6.46{ }^{\prime}$ | 14.82' | 5.79' | 20.23' |
| 8' $6^{\prime \prime}$ | $6.74{ }^{\prime}$ | 11.52' | $6.20 '$ | 13.50' | 5.58' | 17.85' |
| 8' | $6.42{ }^{\prime}$ | 10.61' | 5.94' | 12.27' | 5.36' | 15.75' |
| 7' 6" | 6.10' | 9.74' | 5.66' | 11.12' | 5.14' | 13.90' |
| 7' | $5.76{ }^{\prime}$ | 8.91' | 5.37' | 10.05' | 4.90' | 12.26' |
| 6' $6^{\prime \prime}$ | 5.42' | 8.11' | 5.07' | 9.04' | 4.65' | 10.79' |
| 6' | 5.07' | 7.34' | 4.77' | 8.10' | 4.39' | 9.46' |
| 5' ${ }^{\prime \prime}$ | 4.89' | $6.97{ }^{\prime}$ | 4.61' | 7.64' | 4.26' | 8.85' |
| 5' 6" | 4.71' | 6.60' | 4.45' | 7.20' | 4.12' | 8.26' |
| 5' ${ }^{\prime \prime}$ | 4.53' | $6.25{ }^{\prime}$ | 4.28' | $6.78{ }^{\prime}$ | 3.98' | 7.71' |
| 5' | 4.34' | 5.89' | 4.12' | $6.36{ }^{\prime}$ | 3.84' | 7.17' |
| 4' ${ }^{\prime \prime}$ | 4.15' | $5.55{ }^{\prime}$ | 3.95' | $5.96{ }^{\prime}$ | 3.69' | 6.66' |
| 4' $\mathbf{6}^{\prime \prime}$ | 3.96' | 5.21' | 3.78' | 5.57' | 3.54' | $6.18{ }^{\prime}$ |
| 4' ${ }^{\prime \prime}$ | $3.77{ }^{\prime}$ | 4.87' | 3.60' | 5.19' | 3.39' | 5.71' |
| 4' | 3.57' | $4.55{ }^{\prime}$ | 3.42' | 4.82' | $3.23 '$ | 5.26' |
| 3' ${ }^{\prime \prime}$ | $3.37{ }^{\prime}$ | 4.22' | 3.24' | $4.46{ }^{\prime}$ | 3.06' | 4.83' |
| 3' 6" | 3.17' | 3.91' | 3.05' | 4.11' | $2.90{ }^{\prime}$ | 4.42' |
| 3' ${ }^{\prime \prime}$ | $2.97{ }^{\prime}$ | $3.60{ }^{\prime}$ | 2.86' | $3.76{ }^{\prime}$ | $2.73{ }^{\prime}$ | 4.03' |
| 3' | $2.76{ }^{\prime}$ | 3.29' | $2.67{ }^{\prime}$ | $3.43{ }^{\prime}$ | $2.55{ }^{\prime}$ | 3.64' |

Depth of field tables
ARRI/ZEISS Master Anamorphic 2x MA 75/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1.9 |  | 2 |  | 2.8 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 292.22' |  | 271.64' |  | 192.15' |  |
| INF | 292.22' | INF | 271.64' | INF | 192.15' | INF |
| 300' | 148.03' | INF | 142.55' | INF | 117.10' | INF |
| 150' | 99.15' | 307.95' | 96.66' | 334.67' | 84.25' | 682.91' |
| 100' | 74.54' | 151.90' | 73.12' | 158.12' | $65.80 '$ | 208.25' |
| $70^{\prime}$ | 56.50' | 91.97' | $55.69{ }^{\prime}$ | 94.22' | 51.34' | 109.97' |
| 50' | 42.72' | $60.27{ }^{\prime}$ | 42.25' | 61.22' | 39.71' | 67.50' |
| 40' | 35.21' | 46.31' | 34.89' | 46.87' | 33.14' | 50.45' |
| 35' | 31.28' | 39.73' | 31.03' | 40.14' | 29.63' | 42.74' |
| 30' | 27.23' | $33.40 '$ | 27.04' | 33.69' | 25.97' | 35.51' |
| 25' | 23.05' | 27.32' | 22.91' | 27.51' | 22.14' | 28.70' |
| 22' | 20.48' | 23.77' | 20.37' | 23.92' | 19.76' | 24.81' |
| 20' | 18.73' | 21.45' | 18.64' | 21.57' | 18.13' | $22.30{ }^{\prime}$ |
| 18' | 16.97' | 19.17' | 16.90' | 19.26' | 16.48' | 19.84' |
| $16^{\prime}$ | 15.18' | 16.91' | 15.12' | 16.99' | 14.79' | 17.43' |
| $14{ }^{\prime}$ | $13.37{ }^{\prime}$ | 14.69' | 13.33' | 14.75' | 13.06' | 15.08' |
| 13' | 12.46' | 13.59' | 12.42' | 13.64' | 12.19' | 13.93' |
| 12' | 11.54' | 12.50' | 11.50' | 12.54' | 11.31' | 12.78' |
| 11' | 10.61' | 11.42' | 10.58' | 11.45' | 10.42' | $11.65{ }^{\prime}$ |
| 10' | 9.68' | 10.35' | 9.65' | 10.37' | 9.52' | 10.54' |
| 9' 6" | 9.21' | 9.81' | 9.19' | 9.84' | 9.06' | 9.98' |
| 9' | 8.74' | 9.28' | 8.72' | 9.30' | 8.61' | 9.43' |
| 8' 6" | 8.27' | 8.75' | 8.25' | 8.77' | 8.15' | 8.88' |
| 8' | 7.79' | 8.22' | 7.78' | 8.24' | 7.69' | 8.34' |
| 7' 6" | $7.32{ }^{\prime}$ | 7.69' | 7.31' | 7.71' | $7.23 '$ | 7.80' |
| 7' | 6.84' | 7.17' | $6.83 '$ | 7.18' | $6.76{ }^{\prime}$ | 7.26' |
| 6' ${ }^{\prime \prime}$ | 6.60' | 6.90' | $6.59{ }^{\prime}$ | $6.92{ }^{\prime}$ | $6.53 '$ | $6.99{ }^{\prime}$ |
| 6' ${ }^{\prime \prime}$ | $6.36{ }^{\prime}$ | $6.64{ }^{\prime}$ | $6.35{ }^{\prime}$ | $6.65{ }^{\prime}$ | $6.30 '$ | 6.72 ' |
| 6' ${ }^{\prime \prime}$ | $6.12 '$ | $6.38{ }^{\prime}$ | $6.12 '$ | $6.39 '$ | $6.06{ }^{\prime}$ | $6.45{ }^{\prime}$ |
| 6' | 5.88' | $6.12 '$ | 5.88' | $6.13 '$ | 5.83' | $6.19 '$ |
| 5' ${ }^{\prime \prime}$ | 5.64' | 5.86' | 5.64' | $5.87{ }^{\prime}$ | 5.59' | 5.92' |
| 5' 6" | 5.40' | 5.60' | $5.40{ }^{\prime}$ | 5.61' | $5.35{ }^{\prime}$ | 5.66' |
| 5' 3' | 5.16' | 5.34' | 5.16' | $5.35{ }^{\prime}$ | 5.12' | 5.39' |
| 51 | 4.92' | 5.08' | 4.91' | 5.09' | 4.88' | 5.13' |
| 4' $9^{\prime \prime}$ | 4.68' | 4.82' | $4.67{ }^{\prime}$ | 4.83 ' | 4.64' | 4.86' |
| 4' ${ }^{\prime \prime}$ | 4.44' | 4.57' | 4.43 ' | 4.57' | 4.40' | 4.60' |
| 4' ${ }^{\prime \prime}$ | 4.19' | 4.31' | 4.19' | 4.31' | 4.16' | 4.34' |
| 4' | 3.95' | $4.05{ }^{\prime}$ | $3.95{ }^{\prime}$ | $4.06{ }^{\prime}$ | $3.92{ }^{\prime}$ | 4.08' |
| 3' ${ }^{\prime \prime}$ | 3.71' | 3.80' | $3.70{ }^{\prime}$ | $3.80{ }^{\prime}$ | 3.68' | 3.82' |
| 3' 6" | 3.46 ' | 3.54' | $3.46{ }^{\prime}$ | 3.54' | $3.44{ }^{\prime}$ | 3.56' |
| 3' ${ }^{\prime \prime}$ | 3.22' | 3.28' | 3.21' | 3.29' | 3.20' | $3.30{ }^{\prime}$ |
| 3' | 2.97' | 3.03' | 2.97' | 3.03' | $2.96{ }^{\prime}$ | 3.04' |

Depth of field tables
ARRI/ZEISS Master Anamorphic 2x MA 75/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4 |  | 5.6 |  | 8 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 135.94' |  | 96.20' |  | 68.10' |  |
| INF | 135.94' | INF | 96.20' | INF | 68.10' | INF |
| 300' | $93.49{ }^{\prime}$ | INF | 72.75' | INF | 55.37' | INF |
| 150' | 71.31' | INF | 58.58' | INF | 46.77' | INF |
| 100' | 57.63' | 377.53' | 49.03' | INF | 40.48' | INF |
| $70^{\prime}$ | 46.23' | 144.04' | 40.53' | 256.37' | 34.52' | INF |
| 50' | 36.59' | 78.95' | 32.93' | 103.85' | 28.85' | 187.48' |
| 40' | 30.94' | 56.57' | 28.28' | 68.30' | 25.22' | 96.60' |
| 35' | 27.86' | 47.05' | 25.69' | 54.88' | 23.15' | 71.75' |
| 30' | 24.61' | 38.43' | 22.90' | 43.48' | 20.86' | 53.43' |
| 25' | 21.14' | 30.58' | 19.87' | 33.69' | 18.32' | 39.36' |
| 22' | 18.96' | 26.20' | 17.93' | 28.45' | 16.66' | 32.38' |
| 20' | 17.46' | 23.41' | 16.59' | 25.19' | 15.49' | 28.22' |
| 18' | 15.92' | 20.71' | 15.19' | 22.09' | 14.27' | 24.38' |
| $16^{\prime}$ | 14.34' | 18.10' | 13.74' | 19.14' | 12.99' | 20.84' |
| $14{ }^{\prime}$ | 12.71' | 15.58' | 12.25' | 16.34' | 11.64' | 17.56' |
| 13' | 11.88' | 14.35' | 11.48' | 14.99' | 10.94' | 16.01' |
| 12' | 11.04' | 13.14' | 10.69' | 13.68' | 10.23' | 14.51' |
| 11' | 10.19' | $11.95{ }^{\prime}$ | 9.89' | 12.39' | 9.50' | 13.07' |
| 10' | $9.33 '$ | 10.77' | 9.08' | 11.13' | 8.74' | 11.68' |
| 9' 6" | 8.89' | 10.20' | 8.66' | 10.51' | 8.36' | 11.00' |
| 9' | 8.46' | 9.62' | 8.25' | 9.90' | 7.97' | 10.33' |
| 8' 6" | 8.01' | $9.05{ }^{\prime}$ | 7.83' | 9.30' | $7.58{ }^{\prime}$ | $9.68{ }^{\prime}$ |
| 8' | 7.57' | 8.49' | $7.40{ }^{\prime}$ | 8.70' | $7.18{ }^{\prime}$ | 9.03' |
| 7' 6" | 7.12' | 7.92' | 6.97' | 8.11' | $6.78{ }^{\prime}$ | 8.40' |
| 7' | $6.67{ }^{\prime}$ | 7.37' | 6.54' | 7.53' | $6.37{ }^{\prime}$ | 7.77' |
| 6' ${ }^{\prime \prime}$ | $6.44{ }^{\prime}$ | 7.09' | $6.32 '$ | 7.24' | 6.16' | 7.47' |
| 6' $6^{\prime \prime}$ | $6.21{ }^{\prime}$ | 6.81 ' | 6.10' | $6.95{ }^{\prime}$ | 5.95' | 7.16' |
| 6' ${ }^{\prime \prime}$ | 5.99' | $6.54 '$ | 5.88' | $6.67{ }^{\prime}$ | 5.74' | $6.86{ }^{\prime}$ |
| 6' | 5.76' | $6.27{ }^{\prime}$ | 5.66' | $6.38{ }^{\prime}$ | 5.53' | $6.56{ }^{\prime}$ |
| 5' ${ }^{\prime \prime}$ | 5.53' | 5.99' | 5.44' | $6.10{ }^{\prime}$ | 5.32' | $6.26{ }^{\prime}$ |
| 5' 6" | 5.30' | 5.72' | 5.21' | 5.82' | 5.11' | 5.96' |
| 5' 3' | 5.06' | 5.45' | 4.99' | 5.54' | 4.89' | 5.67' |
| 5' | 4.83' | 5.18' | 4.76' | 5.26' | 4.67' | 5.38' |
| 4' $9^{\prime \prime}$ | 4.60' | 4.91' | 4.54' | 4.98' | 4.45' | 5.09' |
| 4' ${ }^{\prime \prime}$ | 4.36 ' | 4.65' | 4.31' | 4.71' | 4.24' | 4.80' |
| 4'3' | 4.13' | 4.38' | 4.08' | 4.44' | 4.01' | 4.52' |
| 4' | 3.89' | 4.11' | 3.85' | 4.16' | 3.79' | 4.23 ' |
| 3' ${ }^{\prime \prime}$ | 3.66' | $3.85{ }^{\prime}$ | 3.62' | 3.89' | 3.57' | 3.95' |
| 3' $\mathbf{6}^{\prime \prime}$ | 3.42' | 3.59' | 3.39' | 3.62' | 3.34' | 3.68' |
| 3' 3' | 3.18' | $3.32{ }^{\prime}$ | 3.15' | $3.36{ }^{\prime}$ | 3.11' | $3.40^{\prime}$ |
| 3' | 2.94' | 3.06' | 2.92' | 3.09' | 2.88' | 3.13' |

Depth of field tables
ARRI/ZEISS Master Anamorphic 2x MA 75/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 |  | 16 |  | 22 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 48.22' |  | 34.17' |  | 24.23' |  |
| INF | 48.22' | INF | 34.17' | INF | 24.23' | INF |
| 300' | 41.39' | INF | 30.50' | INF | 22.23' | INF |
| 150' | $36.40{ }^{\prime}$ | INF | 27.70' | INF | 20.71' | INF |
| 100' | 32.48' | INF | 25.38' | INF | 19.39' | INF |
| $70^{\prime}$ | 28.53' | INF | 22.91' | INF | 17.91' | INF |
| 50' | 24.55' | INF | 20.27' | INF | 16.27' | INF |
| 40' | 21.88' | 233.39' | 18.42' | INF | 15.05' | INF |
| 35' | 20.30' | 126.99' | 17.29' | INF | 14.29' | INF |
| 30' | 18.52' | 78.98' | 15.98' | 244.03' | 13.39' | INF |
| 25' | 16.49' | 51.65' | 14.45' | 92.48' | 12.30' | INF |
| 22' | 15.14' | 40.25' | 13.40' | $61.32 '$ | 11.54' | 236.20' |
| 20' | 14.17' | 34.00' | 12.64' | 47.88' | 10.97' | 113.30' |
| 18' | 13.14' | 28.57' | 11.82' | 37.76' | 10.34' | 69.26' |
| $16^{\prime}$ | 12.05' | 23.82' | 10.93' | 29.87' | 9.66' | 46.61' |
| $14{ }^{\prime}$ | 10.88' | 19.63' | 9.96' | 23.55' | 8.90' | 32.82' |
| 13' | 10.27' | 17.71' | $9.45{ }^{\prime}$ | 20.83' | 8.49' | 27.76' |
| 12' | 9.64' | 15.89' | 8.91' | 18.36' | 8.05' | 23.53' |
| 11' | 8.99' | 14.18' | 8.35' | 16.11' | $7.60{ }^{\prime}$ | 19.94' |
| 10' | 8.31' | 12.55' | $7.77^{\prime}$ | 14.04' | 7.11' | 16.85' |
| 9' 6" | 7.96' | $11.77^{\prime}$ | 7.46' | 13.06' | 6.86' | $15.47{ }^{\prime}$ |
| 9' | 7.61' | 11.01' | $7.15{ }^{\prime}$ | 12.13' | $6.59{ }^{\prime}$ | 14.17' |
| 8' 6" | $7.25{ }^{\prime}$ | 10.27' | 6.84' | 11.23' | 6.32' | 12.96' |
| 8' | 6.89' | 9.54' | 6.51' | 10.37' | $6.05{ }^{\prime}$ | 11.82' |
| 7' 6" | $6.52 '$ | 8.84' | $6.18{ }^{\prime}$ | 9.54' | 5.76' | 10.75' |
| 7' | 6.14' | 8.15' | 5.84' | 8.74' | 5.46' | 9.74' |
| 6' ${ }^{\prime \prime}$ | 5.94' | 7.81' | 5.66' | 8.35' | 5.31' | 9.26' |
| 6' $6^{\prime \prime}$ | $5.75{ }^{\prime}$ | 7.47' | 5.49' | 7.97' | 5.16' | 8.79' |
| 6' ${ }^{\prime \prime}$ | 5.56' | 7.14' | 5.31' | 7.59' | 5.00' | 8.34' |
| 6' | 5.36' | $6.82 '$ | 5.13' | 7.23' | 4.84' | 7.89' |
| 5' ${ }^{\prime \prime}$ | 5.16' | $6.50 '$ | 4.95' | $6.86{ }^{\prime}$ | 4.68' | 7.46' |
| 5' 6" | 4.96' | 6.18' | 4.76' | $6.51{ }^{\prime}$ | 4.51' | 7.04' |
| 5' 3' | $4.75{ }^{\prime}$ | 5.86' | 4.58' | $6.16{ }^{\prime}$ | 4.34' | 6.63 ' |
| 5' | 4.55' | 5.55' | 4.39' | 5.82' | 4.17' | 6.24' |
| 4' $9^{\prime \prime}$ | 4.34' | 5.24' | 4.19' | 5.48' | 4.00' | 5.85' |
| 4' ${ }^{\prime \prime}$ | 4.13 ' | 4.94' | $4.00{ }^{\prime}$ | 5.15' | 3.82' | 5.47 ' |
| 4' ${ }^{\prime \prime}$ | 3.92' | 4.64' | 3.80' | 4.82' | 3.64' | 5.10' |
| 4' | 3.71' | 4.34' | 3.60' | $4.50{ }^{\prime}$ | 3.46' | 4.74' |
| 3' ${ }^{\prime \prime}$ | $3.50{ }^{\prime}$ | $4.05{ }^{\prime}$ | $3.40{ }^{\prime}$ | $4.18{ }^{\prime}$ | $3.27{ }^{\prime}$ | 4.39' |
| 3' $\mathbf{6}^{\prime \prime}$ | $3.28{ }^{\prime}$ | $3.76{ }^{\prime}$ | 3.19' | 3.87' | 3.08' | $4.05{ }^{\prime}$ |
| 3' 3' | 3.06' | $3.47{ }^{\prime}$ | 2.99' | $3.57{ }^{\prime}$ | 2.89' | 3.72' |
| 3' | 2.84' | 3.18' | $2.78{ }^{\prime}$ | $3.27{ }^{\prime}$ | 2.69 ' | 3.39' |

ARRI/ZEISS Master Anamorphic $2 x$ MA 100/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1.9 |  | 2 |  | 2.8 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 495.42' |  | 461.44' |  | 326.39' |  |
| INF | 495.42' | INF | 461.44' | INF | 326.39' | INF |
| 300' | 186.88' | 760.04' | 181.83' | 856.86' | 156.33' | INF |
| 150' | 115.18' | 215.00' | 113.24' | 222.09' | 102.81' | 277.28' |
| 100' | 83.24' | 125.21' | 82.23' | 127.58' | 76.59' | 144.03' |
| $70^{\prime}$ | 61.36' | 81.46' | 60.81' | 82.46' | 57.68' | 89.02' |
| 50' | 45.44' | 55.58' | 45.14' | 56.04' | 43.39' | 58.99' |
| 40' | 37.03' | 43.48' | 36.83' | 43.77' | 35.66' | 45.54' |
| 35' | 32.71' | 37.64' | 32.55' | 37.85' | 31.64' | 39.17' |
| 30' | $28.30{ }^{\prime}$ | 31.91' | 28.19' | 32.06' | 27.50' | $33.00{ }^{\prime}$ |
| 25' | 23.81' | 26.31' | 23.73' | 26.41' | 23.24' | $27.05{ }^{\prime}$ |
| 22' | 21.08' | 23.01' | 21.01' | 23.09' | 20.63' | 23.57' |
| 20' | 19.24' | 20.83' | 19.18' | 20.89' | 18.86' | $21.28{ }^{\prime}$ |
| 18' | 17.38' | 18.67' | 17.34' | 18.72' | 17.08' | 19.03' |
| $16^{\prime}$ | 15.51' | 16.52' | 15.47' | 16.56' | 15.27' | 16.81' |
| $14{ }^{\prime}$ | 13.62' | $14.40{ }^{\prime}$ | 13.60' | 14.43' | 13.44' | 14.61' |
| 13' | 12.68' | 13.34' | 12.65' | 13.37' | 12.51' | 13.53' |
| 12' | 11.72' | 12.29' | 11.70' | 12.31' | 11.59' | $12.45{ }^{\prime}$ |
| 11' | 10.77' | 11.24' | 10.75' | 11.26' | 10.65' | 11.37' |
| 10' | 9.81' | 10.20' | 9.80' | 10.21' | 9.71' | 10.31' |
| 9' 6" | 9.33' | 9.68' | 9.32' | 9.69' | 9.24' | 9.78' |
| 9' | 8.85' | 9.16' | 8.83' | 9.17' | 8.77' | $9.25{ }^{\prime}$ |
| 8' 6" | 8.36' | 8.64' | 8.35' | 8.65' | 8.29' | 8.72' |
| 8' | 7.88' | 8.13' | 7.87' | 8.14' | 7.82' | 8.19' |
| 7' ${ }^{\prime \prime}$ | 7.39' | 7.61' | 7.39' | 7.62' | 7.34' | 7.67' |
| 7' ${ }^{\prime \prime}$ | $7.15{ }^{\prime}$ | $7.35{ }^{\prime}$ | 7.14' | 7.36' | 7.10' | 7.41' |
| $7{ }^{\prime}$ | 6.91' | $7.10{ }^{\prime}$ | 6.90' | $7.10^{\prime}$ | 6.86' | 7.15' |
| 6' ${ }^{\prime \prime}$ | 6.66' | 6.84' | $6.66{ }^{\prime}$ | $6.85{ }^{\prime}$ | 6.62 ' | 6.89' |
| 6' ${ }^{\prime \prime}$ | 6.42 ' | $6.58{ }^{\prime}$ | $6.41{ }^{\prime}$ | $6.59 '$ | $6.38{ }^{\prime}$ | 6.63 ' |
| 6' ${ }^{\prime \prime}$ | $6.18{ }^{\prime}$ | $6.33 '$ | $6.17{ }^{\prime}$ | $6.33 '$ | $6.14{ }^{\prime}$ | $6.37{ }^{\prime}$ |
| 6' | 5.93' | $6.07{ }^{\prime}$ | 5.93' | $6.08{ }^{\prime}$ | 5.90' | $6.11{ }^{\prime}$ |
| 5' ${ }^{\prime \prime}$ | 5.69' | 5.81' | 5.68' | $5.82{ }^{\prime}$ | 5.66' | 5.85' |
| 5' 6" | $5.44{ }^{\prime}$ | 5.56' | $5.44{ }^{\prime}$ | 5.56' | 5.41' | 5.59' |
| 5' 3' | 5.20' | 5.30' | 5.20' | 5.31' | 5.17' | 5.33' |
| $5 '$ | $4.95{ }^{\prime}$ | 5.05' | 4.95' | 5.05' | 4.93' | 5.07' |
| 4' ${ }^{\prime \prime}$ | 4.71' | 4.79 ' | 4.71' | 4.80' | 4.69' | 4.82' |
| 4' $\mathbf{6}^{\prime \prime}$ | 4.46' | 4.54' | $4.46{ }^{\prime}$ | 4.54' | 4.44' | 4.56' |
| 4' 3' | 4.22' | 4.28' | 4.21' | 4.29' | $4.20^{\prime}$ | 4.30' |
| 4' | 3.97' | $4.03{ }^{\prime}$ | $3.97{ }^{\prime}$ | $4.03{ }^{\prime}$ | 3.96' | $4.05{ }^{\prime}$ |
| 3' ${ }^{\prime \prime}$ | 3.72' | 3.78' | 3.72' | $3.78{ }^{\prime}$ | $3.71{ }^{\prime}$ | 3.79' |
| 3' ${ }^{\prime \prime}$ | $3.48{ }^{\prime}$ | 3.52' | $3.48{ }^{\prime}$ | 3.52' | 3.47' | $3.53 '$ |
| 3' ${ }^{\prime \prime}$ | 3.23' | 3.27' | 3.23' | $3.27{ }^{\prime}$ | 3.22' | 3.28' |

ARRI/ZEISS Master Anamorphic $2 x$ MA 100/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4 |  | 5.6 |  | 8 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 230.89' |  | 163.36' |  | 115.61' |  |
| INF | 230.89' | INF | 163.36' | INF | 115.61' | INF |
| 300' | 130.45' | INF | 105.70' | INF | 83.34' | INF |
| 150' | 90.96' | 427.56' | $78.20{ }^{\prime}$ | INF | $65.26{ }^{\prime}$ | INF |
| 100' | 69.82' | 176.15' | $62.06{ }^{\prime}$ | 257.32' | 53.63' | 738.63' |
| $70^{\prime}$ | 53.76' | 100.31' | 49.04' | 122.24' | 43.63' | 176.94' |
| 50' | 41.14' | 63.73' | 38.32' | 71.91' | 34.94' | 87.86' |
| 40' | 34.13' | 48.31' | 32.17' | 52.86' | 29.76' | $60.99{ }^{\prime}$ |
| 35' | 30.43' | 41.20' | 28.86' | 44.45' | 26.91' | 50.06' |
| 30' | 26.58' | 34.43' | 25.38' | 36.68' | 23.86' | 40.40' |
| 25' | 22.58' | 28.00' | 21.71' | 29.46' | 20.59' | 31.81' |
| 22' | 20.11' | 24.28' | 19.42' | 25.37' | 18.52' | 27.09' |
| 20' | 18.43' | 21.87' | 17.85' | 22.74' | 17.09' | 24.12' |
| 18' | 16.72' | 19.49' | 16.24' | 20.19' | 15.61' | 21.26' |
| $16^{\prime}$ | 14.98' | 17.17' | 14.60' | 17.70' | 14.09' | 18.52' |
| $14{ }^{\prime}$ | 13.22' | 14.88' | 12.92' | 15.28' | 12.52' | 15.88' |
| 13' | 12.32' | 13.76' | 12.06' | 14.10' | 11.71' | 14.61' |
| 12' | 11.42' | 12.64' | 11.20' | 12.93' | 10.90' | 13.35' |
| 11' | 10.51' | $11.53 '$ | 10.32' | 11.77' | 10.07' | 12.12' |
| $10^{\prime}$ | 9.60' | 10.44' | 9.44' | 10.63' | $9.23 '$ | 10.92' |
| 9' 6" | 9.14' | 9.89' | 8.99' | 10.07' | 8.80' | 10.32' |
| 9' | 8.67' | $9.35{ }^{\prime}$ | 8.55' | 9.51' | 8.37' | 9.73' |
| 8' 6" | 8.21' | 8.81' | 8.09' | 8.95' | 7.94' | $9.15{ }^{\prime}$ |
| 8' | $7.74{ }^{\prime}$ | 8.28' | 7.64' | 8.40' | 7.50' | 8.57' |
| 7' 6" | 7.27' | $7.74{ }^{\prime}$ | 7.18' | $7.85{ }^{\prime}$ | 7.06' | 8.00' |
| 7' ${ }^{\prime \prime}$ | 7.04' | 7.47' | 6.96' | $7.57{ }^{\prime}$ | 6.84' | 7.71' |
| 71 | $6.80 '$ | 7.21' | 6.73 ' | 7.30' | 6.62 ' | 7.43' |
| 6' ${ }^{\prime \prime}$ | $6.57{ }^{\prime}$ | 6.94' | $6.49{ }^{\prime}$ | $7.03{ }^{\prime}$ | $6.39 '$ | 7.15' |
| 6' ${ }^{\prime \prime}$ | $6.33 '$ | $6.68{ }^{\prime}$ | $6.26{ }^{\prime}$ | $6.76{ }^{\prime}$ | $6.17{ }^{\prime}$ | 6.87' |
| 6' ${ }^{\prime \prime}$ | $6.09{ }^{\prime}$ | 6.42 ' | $6.03 '$ | $6.49{ }^{\prime}$ | $5.95{ }^{\prime}$ | $6.59 '$ |
| 6' | 5.86' | $6.15{ }^{\prime}$ | 5.80' | $6.22 '$ | 5.72' | $6.31{ }^{\prime}$ |
| 5' ${ }^{\prime \prime}$ | 5.62' | 5.89' | 5.57' | $5.95{ }^{\prime}$ | $5.49{ }^{\prime}$ | $6.03 '$ |
| 5' 6" | $5.38{ }^{\prime}$ | 5.63' | 5.33' | 5.68' | 5.26' | 5.76' |
| 5' ${ }^{\prime \prime}$ | 5.14' | $5.37{ }^{\prime}$ | 5.10' | 5.41' | 5.04' | 5.48' |
| 5' | 4.90' | 5.10' | 4.86' | 5.15' | 4.81' | 5.21' |
| 4' ${ }^{\prime \prime}$ | 4.66' | 4.84' | 4.63 ' | 4.88' | 4.58' | 4.94' |
| 4' 6" | 4.42 ' | 4.58' | 4.39 ' | 4.62' | 4.34' | 4.67' |
| 4' 3' | $4.18{ }^{\prime}$ | 4.32 ' | $4.15{ }^{\prime}$ | $4.36{ }^{\prime}$ | 4.11' | $4.40{ }^{\prime}$ |
| 4' | 3.94' | $4.07{ }^{\prime}$ | 3.91' | $4.09{ }^{\prime}$ | 3.88' | $4.13{ }^{\prime}$ |
| 3' ${ }^{\prime \prime}$ | $3.70{ }^{\prime}$ | 3.81' | 3.67' | 3.83' | 3.64' | 3.87' |
| 3' 6" | $3.45{ }^{\prime}$ | $3.55{ }^{\prime}$ | $3.43{ }^{\prime}$ | $3.57{ }^{\prime}$ | 3.41' | 3.60' |
| 3' ${ }^{\prime \prime}$ | 3.21' | 3.29' | 3.19' | 3.31' | 3.17' | 3.34' |

ARRI/ZEISS Master Anamorphic $2 x$ MA 100/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 |  | 16 |  | 22 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 81.84' |  | 57.97' |  | 41.09' |  |
| INF | 81.84' | INF | 57.97' | INF | 41.09' | INF |
| 300' | 64.15' | INF | 48.39' | INF | 35.92' | INF |
| 150' | 52.89' | INF | 41.71' | INF | 32.10' | INF |
| 100' | 44.99' | INF | 36.64' | INF | 29.02' | INF |
| $70^{\prime}$ | 37.74' | 481.82' | 31.69' | INF | 25.84' | INF |
| 50' | 31.07' | 128.00' | 26.86' | 361.71' | 22.54' | INF |
| 40' | 26.91' | 77.93' | 23.69' | 128.32' | 20.27' | 1501.99' |
| 35' | 24.56' | 60.91 ' | 21.85' | 87.84' | 18.91' | 234.41' |
| 30' | 21.99' | 47.17' | 19.81' | 61.83' | 17.36' | 110.30' |
| 25' | 19.19' | 35.85' | 17.51' | 43.71' | 15.57' | $63.35{ }^{\prime}$ |
| 22' | 17.38' | 29.97' | 15.99' | 35.26' | 14.36' | 46.98' |
| 20' | 16.11' | 26.36' | 14.91' | 30.36' | 13.49' | 38.66' |
| 18' | 14.79' | $22.98{ }^{\prime}$ | 13.78' | 25.96' | 12.56' | 31.78' |
| $16^{\prime}$ | 13.42' | 19.81' | 12.58' | 21.98' | 11.56' | 26.00' |
| $14{ }^{\prime}$ | 11.99' | 16.82' | 11.32' | 18.35' | 10.48' | 21.07' |
| 13' | 11.25' | 15.39' | 10.66' | 16.66' | 9.92' | 18.87' |
| 12' | 10.50' | 14.01' | 9.98' | $15.05{ }^{\prime}$ | 9.33' | 16.82' |
| 11' | 9.73' | 12.66' | 9.28' | 13.50' | 8.72' | 14.90' |
| 10' | 8.94' | 11.35' | 8.56' | 12.02' | 8.08' | 13.11' |
| 9' 6" | 8.54' | 10.70' | 8.20' | 11.30' | 7.76' | 12.26' |
| 9' | 8.14' | 10.07' | 7.82' | 10.59' | 7.42' | 11.43' |
| 8' 6" | 7.73' | $9.45{ }^{\prime}$ | $7.45{ }^{\prime}$ | 9.90' | $7.08{ }^{\prime}$ | 10.63' |
| 8' | 7.31' | 8.83' | 7.06' | 9.23' | 6.73 ' | 9.86' |
| 7' 6" | 6.89 ' | 8.22' | 6.67' | 8.57' | $6.38{ }^{\prime}$ | 9.10' |
| 7' ${ }^{\prime \prime}$ | $6.68{ }^{\prime}$ | 7.92' | 6.47' | 8.24' | 6.20' | 8.73' |
| 7' | $6.47{ }^{\prime}$ | 7.62' | $6.27{ }^{\prime}$ | $7.92{ }^{\prime}$ | 6.02' | 8.37' |
| 6' ${ }^{\prime \prime}$ | 6.26' | 7.33' | 6.07' | 7.60' | 5.83' | 8.01' |
| 6' ${ }^{\prime \prime}$ | 6.04' | 7.03' | 5.87' | 7.28' | 5.65' | 7.66' |
| 6' ${ }^{\prime \prime}$ | 5.83' | $6.74{ }^{\prime}$ | 5.67' | $6.97{ }^{\prime}$ | 5.46' | 7.31' |
| 6' | 5.61' | $6.45{ }^{\prime}$ | 5.46' | $6.66{ }^{\prime}$ | 5.27' | $6.97{ }^{\prime}$ |
| 5' ${ }^{\prime \prime}$ | 5.39' | 6.16' | 5.26' | $6.35{ }^{\prime}$ | 5.08' | 6.63 ' |
| 5' 6" | 5.17' | 5.87' | 5.05' | $6.04{ }^{\prime}$ | 4.88' | $6.30 '$ |
| 5' 3' | 4.95' | 5.59' | 4.84' | 5.74' | 4.68' | 5.97' |
| 5' | 4.73' | 5.30' | 4.63' | 5.44' | 4.49' | 5.65' |
| 4' ${ }^{\prime \prime}$ | 4.51' | $5.02{ }^{\prime}$ | 4.41' | 5.15' | 4.29 ' | $5.33 '$ |
| 4' $\mathbf{6}^{\prime \prime}$ | $4.28{ }^{\prime}$ | 4.74' | 4.20' | 4.85' | 4.08' | 5.01' |
| 4' 3' | 4.06' | 4.47' | 3.98' | 4.56' | 3.88' | 4.70' |
| 4' | 3.83' | 4.19' | 3.76' | $4.27{ }^{\prime}$ | 3.67' | 4.40' |
| 3' ${ }^{\prime \prime}$ | 3.60' | 3.91' | 3.54' | 3.99' | 3.46' | $4.09{ }^{\prime}$ |
| 3' 6" | $3.37{ }^{\prime}$ | $3.64{ }^{\prime}$ | 3.32' | $3.70^{\prime}$ | $3.25{ }^{\prime}$ | 3.80' |
| 3' ${ }^{\prime \prime}$ | 3.14' | 3.37' | 3.09' | 3.42' | 3.03' | 3.50' |

Depth of field tables
ARRI/ZEISS Master Anamorphic $2 x$ MA 135/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1.9 |  | 2 |  | 2.8 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 945.02' |  | 882.57' |  | 624.20' |  |
| INF | 945.02' | INF | 882.57' | INF | $624.20 '$ | INF |
| 300' | 227.77' | 439.33' | 223.95' | 454.26' | 202.67' | 577.20' |
| 150' | 129.50' | 178.22' | 128.26' | 180.62' | 120.99' | 197.31' |
| 100' | 90.47' | 111.78' | 89.86' | 112.72' | 86.24' | 118.99' |
| $70^{\prime}$ | $65.20{ }^{\prime}$ | 75.56' | 64.88' | 75.99 | 62.98' | 78.79' |
| 50' | 47.51' | 52.77' | 47.34' | 52.98' | 46.32' | 54.32' |
| $40 '$ | 38.39' | 41.75' | 38.28' | 41.88' | 37.62' | 42.71' |
| 30' | 29.09' | 30.97' | 29.03' | 31.04' | 28.64' | 31.49' |
| 25' | 24.37' | 25.67' | 24.32' | 25.72' | $24.05{ }^{\prime}$ | 26.03' |
| 22' | 21.51' | 22.51' | 21.48' | 22.55' | $21.27{ }^{\prime}$ | 22.79' |
| 20' | 19.59' | 20.42' | 19.57' | 20.45' | 19.39' | 20.65' |
| 18' | 17.67' | 18.34' | 17.65' | 18.37' | 17.51' | 18.52' |
| 16' | 15.74' | 16.27' | 15.72' | 16.29' | 15.61' | 16.41' |
| $14 '$ | 13.80' | 14.20' | 13.79' | 14.22' | 13.70' | 14.31' |
| $13 '$ | 12.83' | 13.18' | 12.82' | 13.19' | 12.74' | 13.27' |
| 12' | 11.86' | 12.15' | 11.85' | 12.16' | 11.78' | 12.23' |
| 11' | 10.88' | 11.12' | 10.87' | 11.13' | 10.82' | 11.19' |
| 10' | 9.90' | 10.10' | 9.89' | 10.11' | 9.85' | 10.16' |
| 9' 6" | 9.41' | 9.59' | $9.40^{\prime}$ | 9.60' | 9.36' | $9.64{ }^{\prime}$ |
| 9' | 8.92' | 9.08' | 8.91' | 9.09' | 8.88' | 9.13' |
| 8' ${ }^{\prime \prime}$ | 8.43' | 8.57' | 8.42' | 8.58' | 8.39' | 8.61' |
| 8' | 7.94' | 8.07' | 7.93' | 8.07' | $7.90{ }^{\prime}$ | 8.10' |
| 7' 6" | 7.44' | 7.56' | 7.44' | 7.56' | $7.42{ }^{\prime}$ | 7.59' |
| $7{ }^{\prime}$ | $6.95{ }^{\prime}$ | 7.05' | $6.95{ }^{\prime}$ | 7.05' | 6.93 ' | 7.07' |
| 6' ${ }^{\prime \prime}$ | $6.71{ }^{\prime}$ | $6.80{ }^{\prime}$ | $6.70^{\prime}$ | $6.80{ }^{\prime}$ | $6.68{ }^{\prime}$ | $6.82{ }^{\prime}$ |
| 6' $6^{\prime \prime}$ | $6.46{ }^{\prime}$ | $6.54 '$ | $6.46{ }^{\prime}$ | $6.55 '$ | $6.44{ }^{\prime}$ | 6.56' |
| 6' ${ }^{\prime \prime}$ | 6.21 ' | 6.29 ' | $6.21{ }^{\prime}$ | 6.29 ' | $6.19{ }^{\prime}$ | 6.31 ' |
| $6{ }^{\prime}$ | 5.97' | 6.04' | 5.96' | 6.04' | 5.95' | $6.05{ }^{\prime}$ |
| 5' ${ }^{\prime \prime}$ | $5.72{ }^{\prime}$ | $5.78{ }^{\prime}$ | $5.72{ }^{\prime}$ | $5.79{ }^{\prime}$ | 5.70' | 5.80' |
| 5' 6" | 5.47' | 5.53' | $5.47{ }^{\prime}$ | 5.53' | 5.46' | 5.55' |
| 5' ${ }^{\prime \prime}$ | 5.22' | 5.28' | 5.22' | $5.28{ }^{\prime}$ | 5.21' | 5.29' |
| 5' | 4.98' | $5.02{ }^{\prime}$ | 4.97' | $5.03 '$ | 4.96' | 5.04' |
| 4' ${ }^{\prime \prime}$ | 4.73' | $4.77{ }^{\prime}$ | 4.73' | 4.77' | 4.72' | 4.78' |
| 4' 6" | 4.48' | 4.52' | 4.48' | 4.52' | 4.47' | $4.53 '$ |
| 4' ${ }^{\prime \prime}$ | 4.23 ' | 4.27' | $4.23 '$ | 4.27' | 4.22' | 4.28' |
| 4' | 3.99' | 4.02' | 3.98' | 4.02' | 3.98' | 4.02' |

## ARRI/ZEISS Master Anamorphic 2x MA 135/T1.9 T*XP

circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4 |  | 5.6 |  | 8 |  |
| ft hyperfocal distance | from | to | from | to | from | to |
|  | 441.51' |  | 312.32' |  | 220.98' |  |
| INF | 441.51' | INF | 312.32' | INF | 220.98' | INF |
| 300' | 178.66' | 935.07' | 153.02' | 7593.20' | 127.21' | INF |
| 150' | 112.02' | 226.96' | 101.38' | 288.20' | 89.38' | 466.08' |
| 100' | 81.59' | 129.15' | $75.80{ }^{\prime}$ | 146.89' | 68.90 | 182.30' |
| $70^{\prime}$ | 60.47' | 83.11' | 57.24' | 90.09' | 53.22' | 102.25' |
| $50^{\prime}$ | 44.95' | 56.33' | 43.14' | 59.45' | 40.83' | 64.49' |
| $40^{\prime}$ | 36.71' | 43.94' | 35.50' | 45.81' | 33.92' | 48.74' |
| 30' | 28.12' | 32.16' | 27.40' | 33.14' | 26.45' | 34.64' |
| 25 | 23.68' | 26.47' | 23.18' | $27.14{ }^{\prime}$ | 22.50' | 28.13' |
| 22' | 20.98' | 23.13' | 20.58' | $23.63{ }^{\prime}$ | 20.04' | 24.38' |
| $20^{\prime}$ | 19.15' | 20.93' | 18.82' | $21.34{ }^{\prime}$ | $18.37{ }^{\prime}$ | 21.95' |
| $18^{\prime}$ | 17.31' | $18.75{ }^{\prime}$ | 17.04' | 19.07' | $16.67{ }^{\prime}$ | 19.56' |
| $16^{\prime}$ | $15.46{ }^{\prime}$ | 16.59' | 15.24' | 16.84' | $14.95{ }^{\prime}$ | 17.21' |
| $14{ }^{\prime}$ | $13.58{ }^{\prime}$ | 14.44' | $13.42{ }^{\prime}$ | $14.64{ }^{\prime}$ | 13.19' | 14.92' |
| 13 ' | 12.64' | 13.38' | $12.50{ }^{\prime}$ | $13.55{ }^{\prime}$ | $12.30^{\prime}$ | 13.79' |
| 12' | 11.69' | 12.32' | 11.57' | $12.46{ }^{\prime}$ | $11.40^{\prime}$ | 12.66' |
| 11' | 10.74' | $11.27{ }^{\prime}$ | 10.64' | 11.39' | 10.50 | $11.55{ }^{\prime}$ |
| 10' | 9.79' | 10.22' | 9.70' | 10.32' | 9.59' | $10.45{ }^{\prime}$ |
| 9' 6 " | 9.31' | 9.70' | $9.23 '$ | 9.78 | 9.13' | 9.91' |
| 9' | 8.83' | 9.18' | 8.76' | $9.25{ }^{\prime}$ | 8.66' | 9.36' |
| 8' 6 ' | 8.35' | 8.66' | 8.29' | 8.73' | 8.20' | 8.82' |
| 8' | $7.87{ }^{\prime}$ | $8.14{ }^{\prime}$ | 7.81' | 8.20' | $7.74{ }^{\prime}$ | 8.28' |
| 7' 6" | $7.38{ }^{\prime}$ | 7.62' | $7.33{ }^{\prime}$ | $7.67{ }^{\prime}$ | $7.27{ }^{\prime}$ | $7.75{ }^{\prime}$ |
| 7 | 6.90' | 7.11' | $6.86{ }^{\prime}$ | 7.15' | 6.80' | 7.22' |
| 6' 9" | 6.66' | $6.85{ }^{\prime}$ | 6.62' | 6.89' | 6.56' | $6.95{ }^{\prime}$ |
| 6' 6 " | $6.41{ }^{\prime}$ | $6.59 '$ | 6.38 ' | 6.63 ' | 6.33' | $6.68{ }^{\prime}$ |
| $6{ }^{6 \prime}$ | $6.17{ }^{\prime}$ | 6.33 ' | $6.14{ }^{\prime}$ | 6.37 ' | 6.09' | $6.42{ }^{\prime}$ |
| 6' | 5.93' | 6.08' | 5.90' | $6.11{ }^{\prime}$ | $5.85{ }^{\prime}$ | $6.16{ }^{\prime}$ |
| 5' 9" | 5.68' | 5.82' | 5.65' | 5.85' | 5.62' | 5.89' |
| 5' 6" | $5.44{ }^{\prime}$ | 5.56' | 5.41' | 5.59' | 5.38' | 5.63' |
| 5' ${ }^{\prime \prime}$ | 5.19' | 5.31' | $5.17{ }^{\prime}$ | 5.33' | 5.14' | 5.37' |
| 5' | $4.95{ }^{\prime}$ | $5.05{ }^{\prime}$ | 4.93' | 5.07' | $4.90{ }^{\prime}$ | 5.11' |
| 4'9" | $4.70^{\prime}$ | $4.80{ }^{\prime}$ | 4.69 ' | 4.82' | 4.66' | $4.85{ }^{\prime}$ |
| 4' ${ }^{\prime \prime}$ | $4.46{ }^{\prime}$ | $4.54{ }^{\prime}$ | $4.44{ }^{\prime}$ | $4.56{ }^{\prime}$ | 4.42' | $4.58{ }^{\prime}$ |
| 4'3" | $4.21{ }^{\prime}$ | 4.29' | 4.20' | 4.30 ' | 4.18' | 4.33' |
| 4' | $3.97{ }^{\prime}$ | 4.03' | 3.96' | $4.05{ }^{\prime}$ | $3.94{ }^{\prime}$ | 4.07' |

Depth of field tables
ARRI/ZEISS Master Anamorphic $2 x$ MA 135/T1.9 T*XP
circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 |  | 16 |  | 22 |  |
| hyperfocal distance | from | to | from | to | from | to |
|  | 156.38' |  | 110.71' |  | 78.41' |  |
| INF | 156.38' | INF | 110.71' | INF | 78.41' | INF |
| 300' | 102.71' | INF | 80.72' | INF | 61.96' | INF |
| 150' | $76.57{ }^{\prime}$ | 3664.87' | 63.66' | INF | 51.40' | INF |
| 100' | 61.03' | 276.58' | 52.55' | 1029.67' | 43.92' | INF |
| $70^{\prime}$ | 48.41' | 126.37' | 42.92' | 189.61' | 37.00' | 648.77' |
| 50' | 37.94' | 73.29' | 34.50' | 90.82' | 30.57' | 137.21' |
|  | 31.91' | 53.60' | 29.44' | $62.38{ }^{\prime}$ | 26.54' | 81.19' |
| 30' | 25.22' | 37.02' | 23.66' | 40.99' | 21.75' | 48.32' |
| 25' | 21.60' | 29.67' | 20.45' | 32.16' | 19.01' | 36.49' |
| 22' | 19.33' | 25.53' | 18.40' | $27.35{ }^{\prime}$ | 17.24' | 30.41' |
| 20' | 17.77' | 22.87' | 16.99' | 24.31' | 15.99' | 26.70' |
| 18' | 16.18' | 20.28' | 15.53' | 21.41' | 14.69' | 23.23' |
| 16' | 14.55' | 17.77' | 14.02' | 18.63' | 13.34' | 19.99' |
| $14 '$ | 12.88' | 15.33' | 12.47' | 15.96' | 11.93' | 16.95' |
| $13 '$ | 12.03' | 14.14' | 11.67' | 14.67' | 11.20' | 15.50' |
| 12' | 11.17' | 12.96' | 10.86' | 13.41' | 10.45' | 14.09' |
| 11' | 10.30' | 11.80' | 10.04' | 12.17' | 9.69' | 12.72' |
| 10' | 9.42' | 10.65' | 9.20' | 10.95' | 8.91' | 11.40' |
| 9' 6" | 8.98' | 10.09' | 8.78' | 10.35' | 8.51' | 10.75' |
| 9' | 8.53' | 9.52' | 8.35' | 9.76' | 8.11' | 10.11' |
| 8' $6^{\prime \prime}$ | 8.08' | 8.96' | 7.92' | 9.17' | $7.70{ }^{\prime}$ | 9.48' |
| 8' | 7.63' | 8.41' | 7.49' | 8.59' | 7.29 ' | 8.86' |
| 7' 6" | 7.18' | 7.86' | 7.05' | 8.01' | 6.88' | 8.25' |
| 7' | $6.72{ }^{\prime}$ | 7.31' | $6.61{ }^{\prime}$ | 7.44' | $6.46{ }^{\prime}$ | 7.64' |
| 6' $9^{\prime \prime}$ | $6.49^{\prime}$ | 7.04' | $6.39{ }^{\prime}$ | 7.16' | $6.25{ }^{\prime}$ | 7.34' |
| 6' $6^{\prime \prime}$ | $6.26{ }^{\prime}$ | $6.76{ }^{\prime}$ | 6.16' | $6.88{ }^{\prime}$ | $6.03 '$ | 7.05' |
| 6' ${ }^{\prime \prime}$ | $6.03{ }^{\prime}$ | $6.49{ }^{\prime}$ | 5.94' | 6.60' | 5.82' | $6.75{ }^{\prime}$ |
| 6' | 5.79 ' | $6.22 '$ | 5.71' | $6.32 '$ | 5.60' | $6.46{ }^{\prime}$ |
| 5' ${ }^{\prime \prime}$ | 5.56' | $5.95{ }^{\prime}$ | $5.49{ }^{\prime}$ | $6.04{ }^{\prime}$ | 5.38' | $6.17{ }^{\prime}$ |
| 5' 6" | 5.33' | 5.68' | $5.26{ }^{\prime}$ | $5.76{ }^{\prime}$ | 5.17' | 5.88' |
| 5' 3' | 5.09' | 5.42' | 5.03' | 5.49' | 4.95' | 5.60' |
| 5' | 4.86' | $5.15{ }^{\prime}$ | 4.80' | 5.22' | 4.72' | 5.31' |
| 4' ${ }^{\prime \prime}$ | 4.62 ' | 4.89' | 4.57' | 4.94' | 4.50' | 5.03' |
| 4' 6" | 4.39' | 4.62' | 4.34' | 4.67' | 4.28' | $4.75{ }^{\prime}$ |
| 4' ${ }^{\prime \prime}$ | $4.15{ }^{\prime}$ | 4.36' | 4.11' | 4.40' | 4.05' | 4.47' |
| 4' | 3.91' | 4.09' | 3.88' | 4.13' | 3.83' | 4.19' |

## ARRI/ZEISS Master Anamorphic 2x MA 180/T2.8 T*XP

circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2.8 |  | 4 |  | 5.6 |  |
| ft | from | to | from | to | from | to |
| hyperfocal distance | 1139.73' |  | 784.07' |  | 554.60' |  |
| INF | 1139.73' | INF | 784.07' | INF | 554.60' | INF |
| 300' | 237.56' | 406.97' | 217.05' | 485.56' | 194.75' | 652.81' |
| 150' | 132.61' | 172.64' | 125.98' | 185.35' | 118.14' | 205.39' |
| 100' | 91.97' | 109.56' | 88.74' | 114.53' | 84.79' | 121.87' |
| $70^{\prime}$ | $65.98{ }^{\prime}$ | 74.54' | $64.30{ }^{\prime}$ | $76.80 '$ | 62.21' | 80.03' |
| 50' | 47.92' | 52.27' | 47.03' | 53.37' | 45.91' | 54.90' |
| $40^{\prime}$ | 38.66' | 41.43' | 38.08' | 42.12' | 37.34' | 43.06' |
| 30' | 29.25' | 30.80' | 28.92' | 31.17' | 28.49' | 31.68' |
| 25' | $24.48{ }^{\prime}$ | 25.55' | 24.25' | 25.80' | 23.95' | $26.15{ }^{\prime}$ |
| 22' | $21.59{ }^{\prime}$ | 22.42' | 21.42' | 22.62' | 21.18' | 22.88' |
| 20' | 19.67' | 20.35' | 19.52' | 20.51' | 19.32' | 20.73' |
| 18' | 17.73' | 18.28' | 17.61' | 18.41' | 17.45' | 18.58' |
| 16' | 15.79' | 16.22' | 15.69' | 16.32' | 15.57' | 16.46' |
| $14{ }^{\prime}$ | 13.84' | 14.17' | 13.76' | 14.24' | 13.67' | 14.35' |
| 13' | 12.86' | 13.14' | $12.80 '$ | 13.21' | 12.72' | 13.30' |
| 12' | 11.88' | 12.12' | 11.83' | 12.18' | 11.76' | 12.25' |
| 11' | 10.90' | 11.10' | 10.86' | 11.15' | 10.80' | 11.21' |
| 10' | 9.92' | 10.08' | 9.88' | 10.12' | 9.83' | 10.17' |
| 9' 6" | $9.43 '$ | 9.58' | 9.39' | 9.61' | $9.35{ }^{\prime}$ | 9.66' |
| 9' | 8.93' | 9.07' | 8.90' | 9.10' | 8.87' | 9.14' |
| 8' ${ }^{\prime \prime}$ | 8.44' | 8.56' | 8.42' | 8.59' | 8.38' | 8.62' |
| 8' | 7.95' | 8.05' | 7.93' | 8.08' | 7.89' | 8.11' |
| 7' 6" | 7.46' | 7.55' | $7.43{ }^{\prime}$ | 7.57' | $7.41{ }^{\prime}$ | 7.60' |
| 7' | 6.96' | 7.04' | $6.94{ }^{\prime}$ | 7.06' | 6.92 ' | 7.08' |
| 6' ${ }^{\prime \prime}$ | $6.71{ }^{\prime}$ | $6.79{ }^{\prime}$ | $6.70{ }^{\prime}$ | $6.80{ }^{\prime}$ | $6.68{ }^{\prime}$ | $6.83 '$ |
| 6' 6" | $6.47{ }^{\prime}$ | $6.53 '$ | $6.45{ }^{\prime}$ | $6.55{ }^{\prime}$ | 6.43' | $6.57{ }^{\prime}$ |
| 6' ${ }^{\prime \prime}$ | $6.22 '$ | $6.28{ }^{\prime}$ | 6.21 ' | $6.30{ }^{\prime}$ | $6.19 '$ | 6.32' |
| 6' | 5.97' | $6.03 '$ | 5.96' | $6.04{ }^{\prime}$ | 5.94' | 6.06 ' |
| 5' ${ }^{\prime \prime}$ | 5.72 | $5.78{ }^{\prime}$ | 5.71' | $5.79{ }^{\prime}$ | 5.70' | $5.80{ }^{\prime}$ |
| 5' 6" | 5.48' | 5.52' | $5.47{ }^{\prime}$ | 5.54' | 5.45' | $5.55{ }^{\prime}$ |
| 5' ${ }^{\prime \prime}$ | $5.23 '$ | 5.27' | 5.22' | $5.28{ }^{\prime}$ | 5.21' | 5.30' |
| $5{ }^{\prime}$ | 4.98' | 5.02' | 4.97' | 5.03' | 4.96' | 5.04' |

## ARRI/ZEISS Master Anamorphic 2x MA 180/T2.8 T*XP

circle of confusion: 0.030 mm

| Engraving | T-Stop |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 |  | 11 |  | 16 |  |
| ft | from | to | from | to | from | to |
| hyperfocal distance | 392.33' |  | 277.59 |  | 196.46' |  |
| INF | 392.33' | INF | 277.59' | INF | 196.46' | INF |
| 300' | 170.04' | 1272.83' | 144.17' | INF | 118.64' | INF |
| 150' | 108.59' | 242.48' | 97.44' | 325.65' | 85.09' | $632.37{ }^{\prime}$ |
| 100' | 79.76' | 134.01' | 73.59' | 155.98' | $66.33 '$ | 203.06' |
| $70^{\prime}$ | 59.46' | 85.07' | 55.97' | 93.41' | 51.69' | 108.42' |
| 50 | $44.40{ }^{\prime}$ | 57.22' | 42.43' | 60.86' | 39.93' | 66.87 |
| $40^{\prime}$ | 36.34' | 44.47' | 35.02' | 46.64' | 33.30' | 50.08' |
| 30 | 27.91' | 32.44' | $27.12{ }^{\prime}$ | 33.56' | 26.08' | 35.30 |
| 25 | 23.53 ' | $26.66{ }^{\prime}$ | $22.98{ }^{\prime}$ | 27.42 | 22.23' | $28.56{ }^{\prime}$ |
| 22' | 20.86' | 23.27' | $20.42^{\prime}$ | 23.84' | 19.83' | 24.70' |
| $20^{\prime}$ | 19.06' | 21.04' | 18.69' | 21.51' | 18.20' | $22.20^{\prime}$ |
| $18{ }^{\prime}$ | 17.23' | $18.84{ }^{\prime}$ | $16.94{ }^{\prime}$ | 19.21' | 16.53' | 19.76' |
| $16^{\prime}$ | 15.39' | $16.66^{\prime}$ | 15.16' | $16.94{ }^{\prime}$ | 14.83' | 17.37 |
| 14 | $13.54{ }^{\prime}$ | $14.50{ }^{\prime}$ | $13.35{ }^{\prime}$ | 14.71' | 13.10' | 15.03' |
| 13' | 12.60' | 13.43' | 12.44' | 13.61' | 12.23' | 13.88' |
| 12' | $11.66{ }^{\prime}$ | 12.36' | $11.53{ }^{\prime}$ | 12.52' | 11.34' | 12.74' |
| 11 ' | 10.72' | $11.30^{\prime}$ | 10.60' | 11.43' | $10.45{ }^{\prime}$ | 11.62' |
| $10^{\prime}$ | $9.77{ }^{\prime}$ | 10.25' | $9.67{ }^{\prime}$ | 10.35' | $9.54{ }^{\prime}$ | 10.51' |
| 9' 6" | 9.29' | $9.72{ }^{\prime}$ | 9.20' | 9.82 ' | 9.09' | $9.95{ }^{\prime}$ |
| $9 '$ | 8.81' | $9.20 '$ | 8.74' | $9.28{ }^{\prime}$ | 8.63' | 9.40' |
| 8' 6 ' | 8.33' | 8.68' | 8.26' | 8.75 | 8.17' | 8.86' |
| 8' | $7.85{ }^{\prime}$ | 8.15' | 7.79' | 8.22' | 7.71' | 8.32' |
| 7' 6" | $7.37{ }^{\prime}$ | $7.64{ }^{\prime}$ | 7.32' | 7.69 ' | $7.24{ }^{\prime}$ | $7.77{ }^{\prime}$ |
| $7{ }^{\prime}$ | 6.89 ' | 7.12' | 6.84' | $7.17{ }^{\prime}$ | $6.78{ }^{\prime}$ | $7.24{ }^{\prime}$ |
| 6'9" | $6.65{ }^{\prime}$ | 6.86 | $6.60{ }^{\prime}$ | 6.90' | $6.54{ }^{\prime}$ | $6.97{ }^{\prime}$ |
| 6' 6" | 6.40 ' | $6.60{ }^{\prime}$ | 6.36' | $6.64{ }^{\prime}$ | $6.31{ }^{\prime}$ | $6.70{ }^{\prime}$ |
| 6' ${ }^{\prime \prime}$ | $6.16{ }^{\prime}$ | $6.34{ }^{\prime}$ | $6.13{ }^{\prime}$ | 6.38 ' | $6.07{ }^{\prime}$ | 6.44' |
| $6{ }^{\prime}$ | 5.92' | $6.08{ }^{\prime}$ | $5.89{ }^{\prime}$ | $6.12{ }^{\prime}$ | 5.84' | $6.17{ }^{\prime}$ |
| 5' 9' | 5.68' | 5.83' | $5.65{ }^{\prime}$ | 5.86' | $5.60{ }^{\prime}$ | 5.91' |
| 5' 6" | 5.43' | 5.57' | $5.40{ }^{\prime}$ | 5.60' | $5.37{ }^{\prime}$ | $5.64{ }^{\prime}$ |
| 5' ${ }^{\prime \prime}$ | 5.19' | 5.31' | $5.16{ }^{\prime}$ | 5.34' | 5.13' | 5.38' |
| $5 '$ | 4.94' | 5.06' | 4.92' | 5.08' | 4.89' | 5.12' |

circle of confusion: 0.030 mm

| Engraving | T-Stop |  |
| :---: | :---: | :---: |
|  | 22 |  |
| ft | from | to |
| hyperfocal distance | 139.09' |  |
| INF | 139.09' | INF |
| 300' | 94.88' | INF |
| 150' | 72.16 | INF |
| 100' | 58.22' | 354.30' |
| $70^{\prime}$ | 46.63' | 140.32' |
| 50' | 36.85' | 77.73' |
| 40' | 31.14' | 55.91' |
| 30' | 24.75' | 38.09' |
| 25' | $21.25{ }^{\prime}$ | 30.35' |
| 22' | 19.06' | 26.02' |
| 20' | 17.54' | 23.26' |
| 18' | 15.99' | 20.59' |
| 16' | 14.40' | 18.00' |
| 14' | 12.76' | 15.50' |
| $13 '$ | 11.93' | 14.28' |
| 12' | $11.09{ }^{\prime}$ | 13.08' |
| 11' | 10.23' | 11.89' |
| 10' | 9.36' | 10.73' |
| 9' 6" | 8.93' | 10.15' |
| 9' | 8.49' | 9.58' |
| 8' 6" | 8.04' | 9.02' |
| 8' | 7.59' | 8.45' |
| 7' 6" | 7.14' | 7.89' |
| 7' | $6.69{ }^{\prime}$ | 7.34' |
| 6' ${ }^{\prime \prime}$ | $6.46{ }^{\prime}$ | 7.06' |
| 6' 6" | $6.23 '$ | 6.79 ' |
| 6' ${ }^{\prime \prime}$ | 6.01 ' | $6.52 '$ |
| 6' | $5.77{ }^{\prime}$ | $6.24{ }^{\prime}$ |
| 5' ${ }^{\prime \prime}$ | 5.54' | $5.97{ }^{\prime}$ |
| 5' 6" | 5.31' | 5.70' |
| 5' 3' | 5.08' | 5.43' |
| 5' | 4.85' | $5.16{ }^{\prime}$ |

