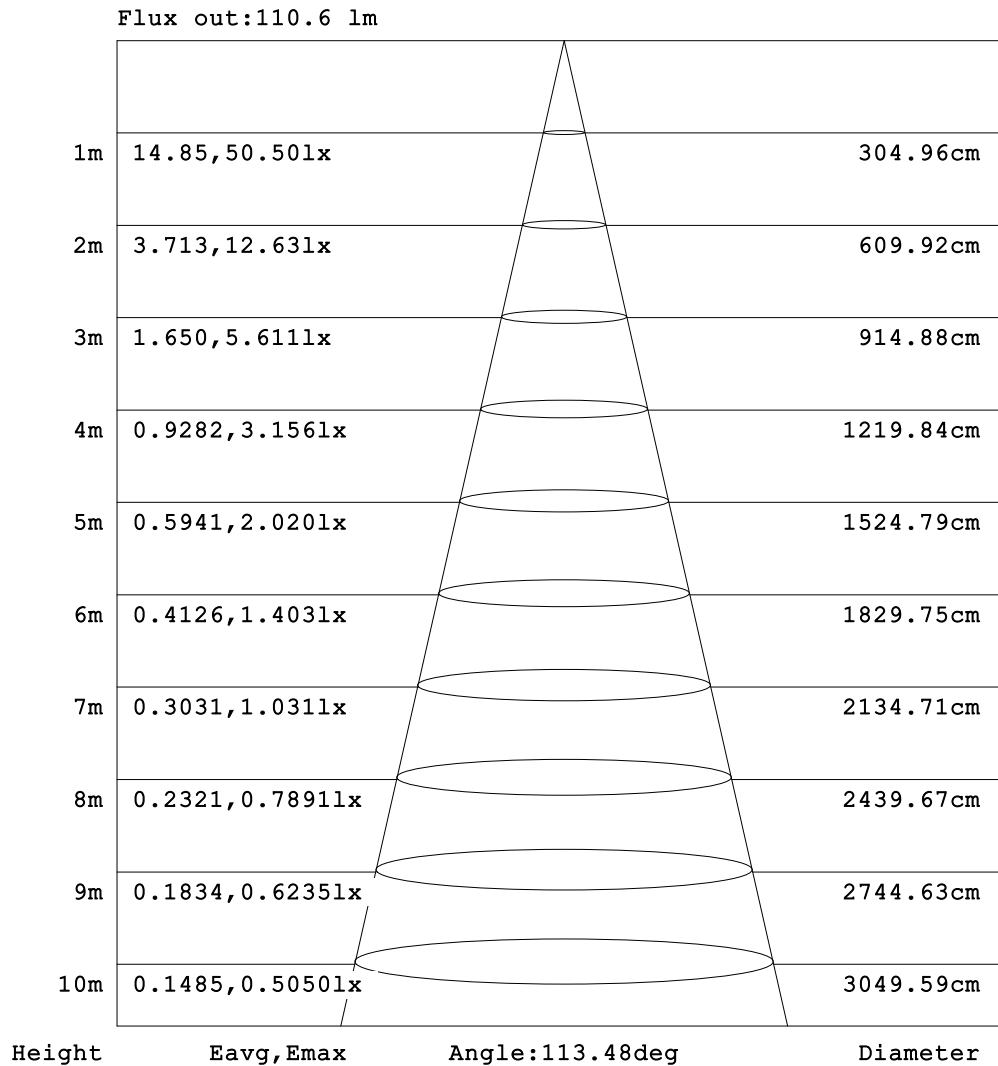


AAI Figure

| | | |
|---|---------------------|---------------------|
| Test:U:24.000V I:0.1927A P:4.6248W PF:1.0000 Freq:0Hz | | |
| Lamp Flux:154.073x1 lm | | |
| NAME: CB-RGB300 | TYPE:LED Strip | WEIGHT: |
| SPEC.: 14.4W | DIM.: 1000*10*2(MM) | SERIAL No.: 001 |
| MFR.: Flexfire LEDs, Inc. | SUR.: 0.02*1 | Shielding Angle:120 |



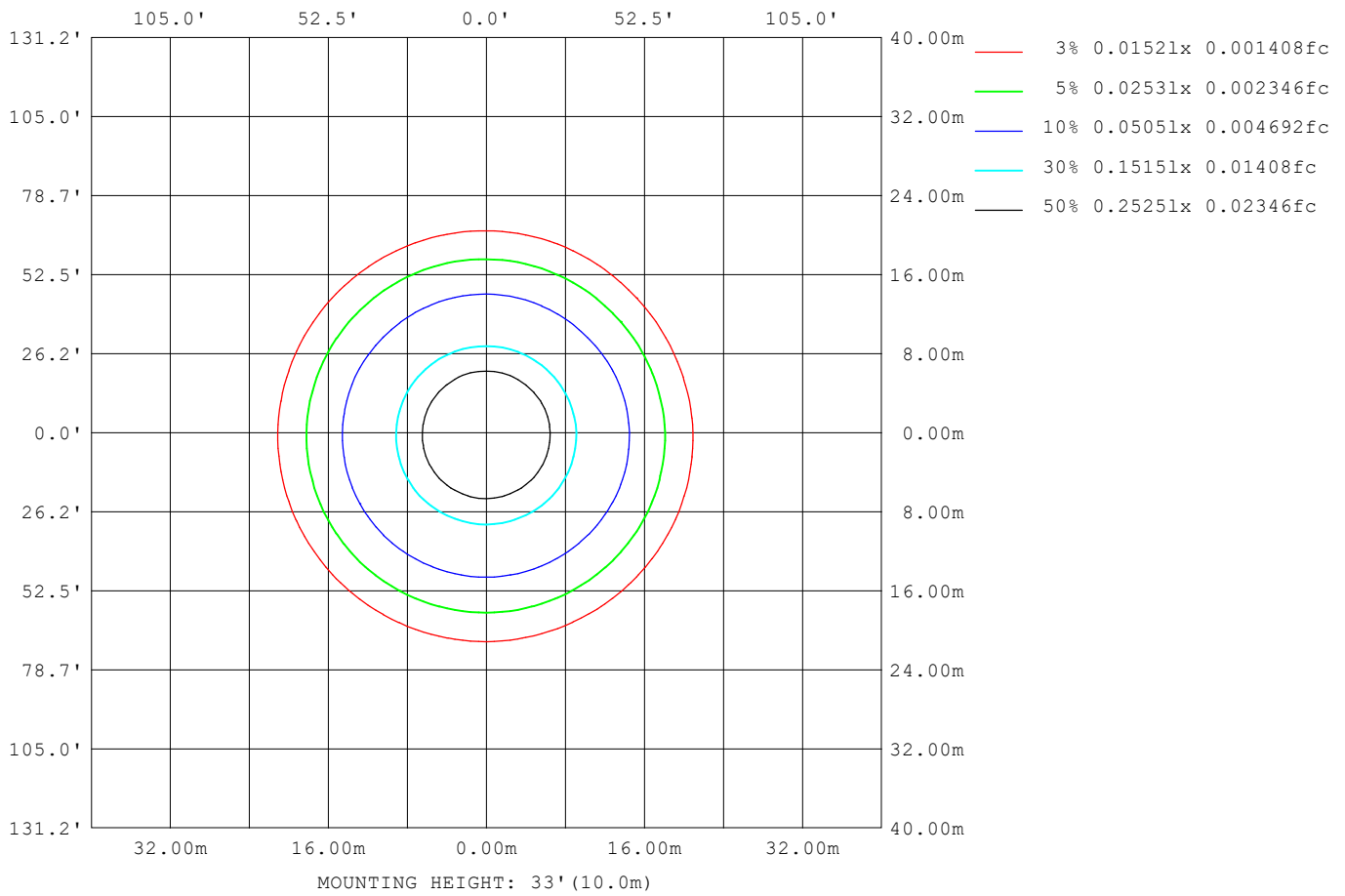
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2021-08-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:9.660m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|---|---------------------|---------------------|
| Test:U:24.000V I:0.1927A P:4.6248W PF:1.0000 Freq:0Hz | | |
| Lamp Flux:154.073x1 lm | | |
| NAME: CB-RGB300 | TYPE:LED Strip | WEIGHT: |
| SPEC.: 14.4W | DIM.: 1000*10*2(MM) | SERIAL No.: 001 |
| MFR.: Flexfire LEDs, Inc. | SUR.: 0.02*1 | Shielding Angle:120 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JINZHI
 Test Date:2021-08-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:9.660m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|---|---------------------|---------------------|
| Test:U:24.000V I:0.1927A P:4.6248W PF:1.0000 Freq:0Hz | | |
| Lamp Flux:154.073x1 lm | | |
| NAME: CB-RGB300 | TYPE:LED Strip | WEIGHT: |
| SPEC.: 14.4W | DIM.: 1000*10*2(MM) | SERIAL No.: 001 |
| MFR.: Flexfire LEDs, Inc. | SUR.: 0.02*1 | Shielding Angle:120 |

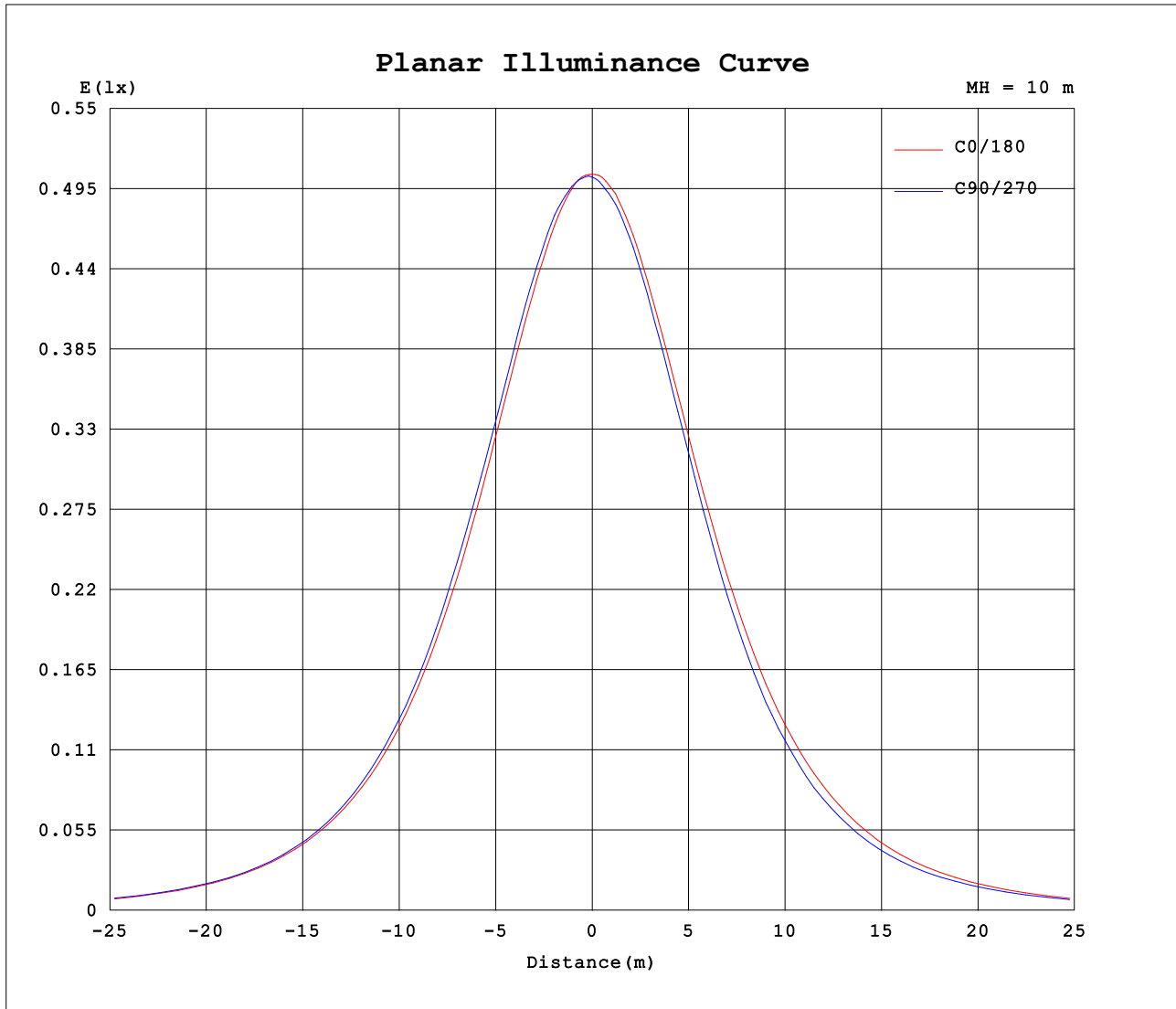
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 2202 |
| L_0~180 (75) av | 1650 |
| L_0~180 (85) av | 878 |
| L_90~270 (65) av | 2128 |
| L_90~270 (75) av | 1890 |
| L_90~270 (85) av | 2601 |
| L_45 (65) av | 2144 |
| L_45 (75) av | 1785 |
| L_45 (85) av | 2060 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2021-08-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:9.660m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2021-08-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 9.660m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|----------------------|---------------------|
| Test:U:24.000V I:0.1927A P:4.6248W PF:1.0000 Freq:0Hz | | |
| Lamp Flux:154.073x1 lm | | |
| NAME: CB-RGB300 | TYPE:LED Strip | WEIGHT: |
| SPEC.: 14.4W | DIM.: 1000*10*2(MM): | SERIAL No.: 001 |
| MFR.: Flexfire LEDs, Inc. | SUR.: 0.02*1 | Shielding Angle:120 |

Table--1

UNIT: cd

| C (DEG) \ γ (DEG) | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | | | |
|-------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | | | |
| 5 | 50.3 | 50.3 | 50.4 | 50.4 | 50.6 | 50.4 | 50.5 | 50.3 | 50.2 | 50.3 | 49.9 | 49.9 | 49.8 | 49.8 | 49.9 | 50.1 | | | |
| 10 | 49.7 | 49.9 | 50.3 | 50.2 | 50.5 | 50.2 | 50.4 | 49.9 | 49.7 | 49.5 | 49.3 | 49.2 | 49.0 | 49.1 | 49.2 | 49.3 | | | |
| 15 | 48.8 | 49.1 | 49.5 | 49.6 | 49.9 | 49.7 | 49.7 | 49.1 | 48.7 | 48.6 | 48.1 | 48.1 | 47.9 | 48.0 | 48.1 | 48.5 | | | |
| 20 | 47.5 | 47.9 | 48.5 | 48.6 | 49.0 | 48.7 | 48.7 | 48.0 | 47.4 | 47.1 | 46.7 | 46.5 | 46.4 | 46.4 | 46.7 | 47.1 | | | |
| 25 | 45.9 | 46.3 | 46.9 | 47.1 | 47.5 | 47.2 | 47.2 | 46.5 | 46.0 | 45.5 | 44.8 | 44.8 | 44.6 | 44.6 | 44.8 | 45.3 | | | |
| 30 | 43.9 | 44.5 | 45.1 | 45.3 | 45.8 | 45.4 | 45.3 | 44.7 | 44.0 | 43.6 | 42.8 | 42.5 | 42.3 | 42.3 | 42.6 | 43.2 | | | |
| 35 | 41.5 | 42.1 | 42.7 | 43.0 | 43.5 | 43.2 | 43.1 | 42.5 | 41.7 | 41.1 | 40.4 | 39.8 | 39.5 | 39.5 | 39.9 | 40.7 | | | |
| 40 | 38.7 | 39.4 | 40.0 | 40.2 | 40.5 | 40.2 | 40.5 | 39.8 | 39.0 | 38.4 | 37.5 | 36.6 | 36.3 | 36.4 | 36.9 | 37.8 | | | |
| 45 | 35.5 | 36.2 | 36.8 | 36.8 | 37.2 | 36.9 | 37.2 | 36.6 | 36.0 | 35.2 | 34.1 | 33.2 | 33.1 | 32.8 | 33.5 | 34.5 | | | |
| 50 | 31.9 | 32.5 | 32.9 | 33.0 | 33.3 | 33.2 | 33.4 | 33.0 | 32.5 | 31.5 | 30.4 | 29.5 | 29.2 | 29.1 | 29.6 | 30.8 | | | |
| 55 | 27.8 | 28.5 | 28.5 | 28.5 | 28.7 | 28.7 | 29.1 | 28.9 | 28.4 | 27.6 | 26.3 | 25.6 | 25.2 | 25.2 | 25.4 | 26.7 | | | |
| 60 | 23.2 | 23.8 | 23.8 | 23.7 | 23.9 | 23.9 | 24.3 | 24.2 | 23.8 | 23.0 | 22.1 | 21.4 | 21.0 | 20.9 | 21.2 | 22.1 | | | |
| 65 | 18.3 | 18.8 | 18.9 | 18.9 | 19.1 | 19.1 | 19.3 | 19.2 | 18.9 | 18.3 | 17.6 | 17.2 | 16.8 | 16.7 | 16.8 | 17.3 | | | |
| 70 | 13.2 | 13.6 | 13.9 | 14.1 | 14.4 | 14.3 | 14.4 | 14.0 | 13.8 | 13.5 | 13.3 | 13.1 | 13.0 | 12.7 | 12.4 | 12.6 | | | |
| 75 | 8.16 | 8.87 | 9.46 | 9.98 | 10.2 | 10.1 | 9.75 | 9.24 | 8.92 | 8.98 | 9.20 | 9.39 | 9.35 | 9.03 | 8.54 | 8.17 | | | |
| 80 | 3.93 | 4.86 | 6.02 | 6.69 | 7.05 | 6.75 | 6.13 | 5.33 | 4.58 | 5.29 | 5.84 | 6.15 | 6.09 | 5.92 | 5.33 | 4.66 | | | |
| 85 | 1.38 | 2.38 | 3.80 | 4.63 | 5.09 | 4.73 | 3.94 | 2.67 | 1.68 | 2.72 | 3.37 | 4.06 | 3.98 | 3.90 | 3.25 | 2.38 | | | |
| 90 | 0.17 | 1.14 | 2.60 | 3.43 | 3.97 | 3.56 | 2.80 | 1.30 | 0.26 | 1.31 | 2.05 | 2.82 | 2.89 | 2.82 | 2.19 | 1.29 | | | |
| 95 | 0.09 | 0.74 | 2.23 | 3.11 | 3.56 | 3.22 | 2.48 | 0.92 | 0.10 | 0.87 | 1.92 | 2.49 | 2.72 | 2.62 | 2.20 | 1.02 | | | |
| 100 | 0.09 | 0.49 | 1.67 | 2.40 | 2.95 | 2.59 | 1.78 | 0.56 | 0.11 | 0.73 | 1.67 | 2.61 | 2.75 | 2.82 | 1.99 | 0.74 | | | |
| 105 | 0.09 | 0.21 | 1.35 | 2.02 | 2.33 | 2.00 | 1.35 | 0.26 | 0.13 | 0.47 | 1.29 | 2.25 | 2.40 | 2.28 | 1.41 | 0.47 | | | |
| 110 | 0.09 | 0.20 | 0.82 | 1.53 | 1.90 | 1.44 | 0.96 | 0.20 | 0.20 | 0.27 | 0.80 | 1.75 | 1.99 | 1.82 | 0.91 | 0.26 | | | |
| 115 | 0.09 | 0.19 | 0.58 | 0.94 | 1.51 | 0.99 | 0.56 | 0.17 | 0.16 | 0.23 | 0.58 | 1.29 | 1.44 | 1.29 | 0.67 | 0.20 | | | |
| 120 | 0.09 | 0.21 | 0.36 | 0.67 | 0.94 | 0.67 | 0.26 | 0.15 | 0.17 | 0.20 | 0.26 | 0.96 | 1.00 | 1.02 | 0.41 | 0.18 | | | |
| 125 | 0.09 | 0.21 | 0.30 | 0.41 | 0.65 | 0.41 | 0.19 | 0.17 | 0.18 | 0.20 | 0.25 | 0.65 | 0.78 | 0.73 | 0.26 | 0.18 | | | |
| 130 | 0.11 | 0.22 | 0.23 | 0.26 | 0.41 | 0.28 | 0.18 | 0.19 | 0.17 | 0.20 | 0.25 | 0.36 | 0.44 | 0.47 | 0.25 | 0.18 | | | |
| 135 | 0.12 | 0.23 | 0.22 | 0.26 | 0.38 | 0.25 | 0.19 | 0.20 | 0.17 | 0.21 | 0.25 | 0.34 | 0.32 | 0.30 | 0.25 | 0.23 | | | |
| 140 | 0.19 | 0.24 | 0.22 | 0.26 | 0.27 | 0.25 | 0.19 | 0.21 | 0.17 | 0.21 | 0.25 | 0.29 | 0.31 | 0.27 | 0.25 | 0.23 | | | |
| 145 | 0.20 | 0.26 | 0.22 | 0.26 | 0.24 | 0.24 | 0.20 | 0.23 | 0.15 | 0.21 | 0.25 | 0.26 | 0.29 | 0.24 | 0.25 | 0.24 | | | |
| 150 | 0.21 | 0.27 | 0.22 | 0.26 | 0.24 | 0.24 | 0.22 | 0.25 | 0.11 | 0.22 | 0.26 | 0.26 | 0.27 | 0.24 | 0.26 | 0.24 | | | |
| 155 | 0.21 | 0.27 | 0.23 | 0.27 | 0.24 | 0.25 | 0.21 | 0.26 | 0.12 | 0.22 | 0.27 | 0.26 | 0.26 | 0.23 | 0.26 | 0.26 | | | |
| 160 | 0.21 | 0.28 | 0.23 | 0.27 | 0.25 | 0.26 | 0.23 | 0.28 | 0.17 | 0.22 | 0.27 | 0.26 | 0.26 | 0.24 | 0.27 | 0.27 | | | |
| 165 | 0.22 | 0.29 | 0.23 | 0.27 | 0.25 | 0.26 | 0.24 | 0.29 | 0.21 | 0.23 | 0.27 | 0.26 | 0.26 | 0.24 | 0.28 | 0.27 | | | |
| 170 | 0.23 | 0.29 | 0.24 | 0.27 | 0.26 | 0.27 | 0.29 | 0.27 | 0.25 | 0.23 | 0.27 | 0.26 | 0.26 | 0.27 | 0.29 | 0.27 | | | |
| 175 | 0.23 | 0.29 | 0.26 | 0.27 | 0.26 | 0.27 | 0.28 | 0.29 | 0.29 | 0.23 | 0.27 | 0.26 | 0.26 | 0.26 | 0.29 | 0.27 | | | |
| 180 | 0.26 | 0.29 | 0.26 | 0.27 | 0.26 | 0.27 | 0.29 | 0.27 | 0.26 | 0.24 | 0.27 | 0.26 | 0.26 | 0.29 | 0.26 | 0.29 | | | |

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