

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

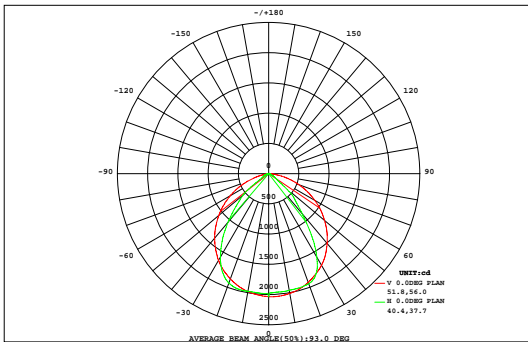
| | | |
|---|---|---|
| Maximum Intensity (Luminaire orientation as tested.) | | 484.2 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal |
| Beam Spread | At 10% of I _{max} At 50% of I _{max} At 90% of I _{max} | 109.1V x 154.4H 78.4V x 107.8H 49.5V x 46.3H |
| Beam Flux | Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max} | 1000.1 lumens per klm. 961.9 lumens per klm. 732.3 lumens per klm. 284.2 lumens per klm. |
| | Upward LOR Downward LOR | 0.3 % 99.7 % |
| Luminaire Efficiency(Light Output Ratio) | | 100.0 % |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHOU
Test Date:2017-02-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.100m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|--------------------|------------------|
| Test:U:219.8V I:0.2192A P:47.98W PF:0.9958 Freq:49.98Hz Lamp Flux:4207.15x1 lm | | |
| NAME: 50W R2 CL1 WW | TYPE:50W R2 CL1 WW | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:21cm*16cm | Shielding Angle: |



| DATA OF LAMP | | Eff:87.68lm/W | |
|------------------|---------------|-----------------|-----------|
| MODEL | 50W R2 CL1 WW | Imax(cd) | 2037 |
| NOMINAL POWER(W) | 50 | AVAILABILITY(%) | 96.0 |
| RATED VOLTAGE(V) | 220 | Avai. FLUX(lm) | 4040 |
| NOMINAL FLUX(lm) | 4207.15 | LOR(%) | 100.0 |
| LAMPS INSIDE | 1 | TOTAL FLUX(lm) | 4207 |
| TEST VOLTAGE(V) | 220.1 | θ @50%(H,V) | 108,78DEG |

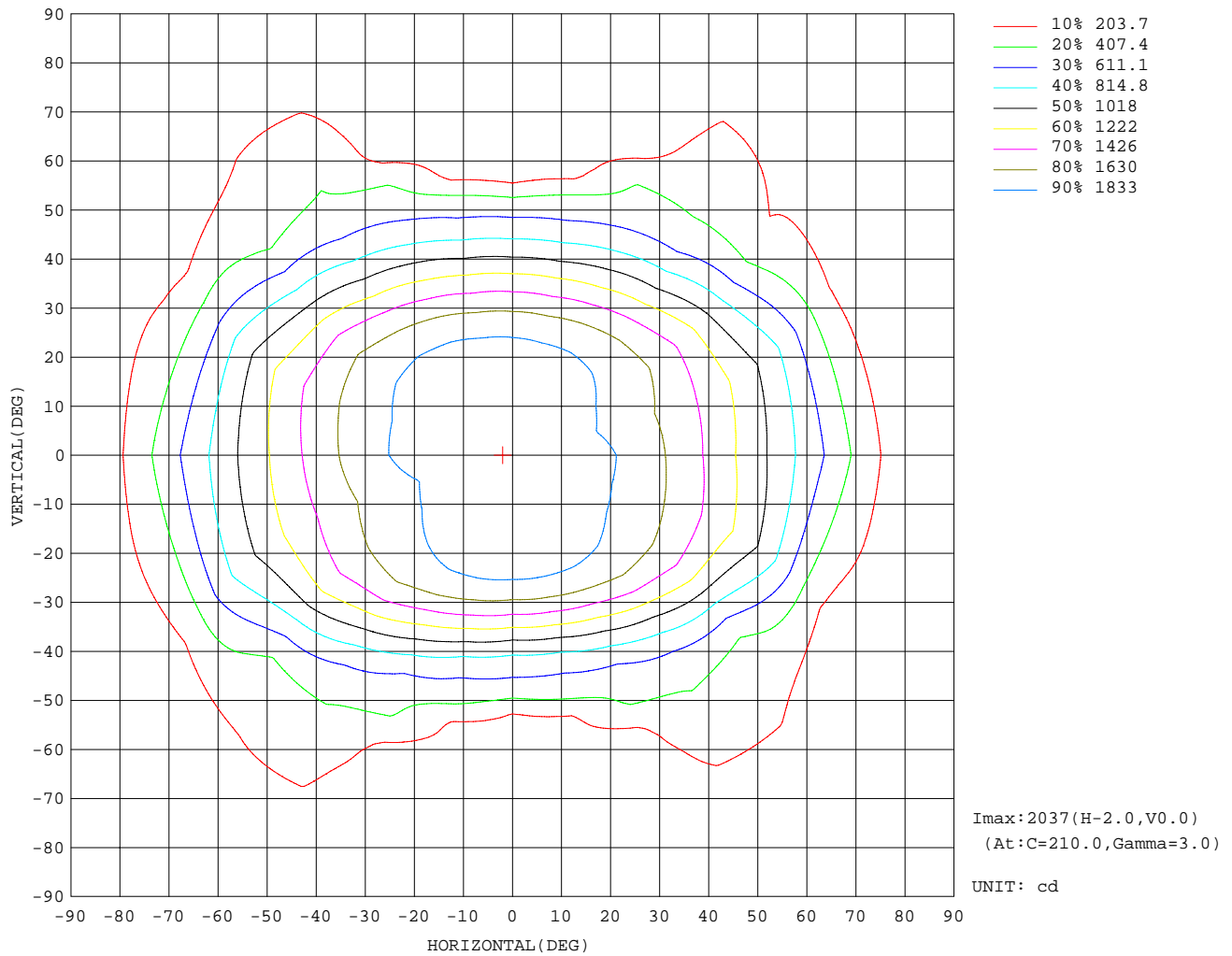
| VERTICAL (DEG) | AREA FLUX DIAGRAM | | | | | | | | | | | | | | | | UNIT:lm | | Φ t | Φ a |
|----------------|-------------------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|---------|------|------|------|
| | 0.01 | 0.06 | 0.23 | 0.42 | 0.33 | 0.26 | 0.17 | 0.16 | 0.16 | 0.15 | 0.14 | 0.13 | 0.24 | 0.30 | 0.18 | 0.05 | 0.00 | 0.00 | 3.00 | 0.00 |
| 90 | 0.01 | 0.06 | 0.23 | 0.42 | 0.33 | 0.26 | 0.17 | 0.16 | 0.16 | 0.15 | 0.14 | 0.13 | 0.24 | 0.30 | 0.18 | 0.05 | 0.00 | 0.00 | 3.00 | 0.00 |
| 80 | 0.02 | 0.20 | 0.91 | 1.83 | 2.30 | 1.95 | 1.09 | 1.01 | 0.97 | 0.94 | 0.92 | 0.93 | 1.77 | 2.19 | 1.27 | 0.43 | 0.05 | 0.00 | 18.8 | 0.00 |
| 70 | 0.04 | 0.34 | 1.37 | 3.22 | 5.42 | 5.16 | 3.22 | 2.86 | 2.72 | 2.70 | 2.88 | 3.38 | 4.52 | 4.54 | 2.50 | 0.86 | 0.12 | 0.00 | 45.8 | 14.1 |
| 60 | 0.07 | 0.49 | 1.70 | 4.03 | 7.19 | 9.34 | 10.4 | 9.33 | 8.80 | 8.87 | 9.40 | 10.4 | 8.39 | 5.90 | 3.15 | 1.14 | 0.19 | 0.01 | 98.8 | 86.1 |
| 50 | 0.10 | 0.76 | 2.31 | 5.51 | 9.79 | 15.0 | 19.5 | 22.4 | 23.7 | 23.3 | 21.3 | 17.7 | 12.7 | 7.84 | 4.19 | 1.54 | 0.33 | 0.02 | 188 | 183 |
| 40 | 0.13 | 1.18 | 3.82 | 9.50 | 16.2 | 24.5 | 32.0 | 37.6 | 40.2 | 39.6 | 35.8 | 29.5 | 21.7 | 13.7 | 7.61 | 2.67 | 0.59 | 0.03 | 316 | 313 |
| 30 | 0.17 | 1.71 | 5.92 | 14.4 | 24.0 | 34.8 | 44.1 | 51.0 | 54.1 | 53.4 | 49.0 | 41.4 | 31.8 | 21.1 | 12.2 | 4.43 | 0.93 | 0.04 | 445 | 443 |
| 20 | 0.20 | 2.25 | 7.63 | 17.4 | 28.7 | 39.9 | 49.7 | 56.5 | 59.7 | 58.8 | 54.3 | 46.6 | 36.5 | 25.6 | 15.0 | 5.93 | 1.30 | 0.04 | 506 | 505 |
| 10 | 0.23 | 2.73 | 8.79 | 18.3 | 29.5 | 40.9 | 50.5 | 57.5 | 60.6 | 59.1 | 55.0 | 47.6 | 37.8 | 26.6 | 15.8 | 6.94 | 1.63 | 0.05 | 520 | 519 |
| 0 | 0.23 | 2.74 | 8.91 | 18.2 | 28.9 | 39.9 | 49.1 | 55.7 | 59.1 | 59.8 | 56.0 | 48.5 | 38.2 | 26.8 | 15.8 | 6.74 | 1.63 | 0.05 | 516 | 515 |
| -10 | 0.20 | 2.26 | 7.96 | 17.2 | 27.4 | 38.1 | 47.7 | 54.8 | 58.7 | 58.9 | 55.1 | 47.5 | 37.1 | 25.9 | 14.6 | 5.33 | 1.30 | 0.05 | 500 | 499 |
| -20 | 0.16 | 1.71 | 6.41 | 14.7 | 23.5 | 34.3 | 44.0 | 51.2 | 55.0 | 54.6 | 50.1 | 41.9 | 31.4 | 20.1 | 11.1 | 3.54 | 0.96 | 0.04 | 445 | 442 |
| -30 | 0.12 | 1.15 | 4.22 | 9.74 | 15.9 | 24.1 | 31.0 | 35.8 | 37.8 | 36.8 | 33.2 | 27.2 | 19.8 | 11.8 | 6.58 | 1.99 | 0.64 | 0.03 | 298 | 294 |
| -40 | 0.09 | 0.70 | 2.42 | 5.41 | 9.11 | 13.7 | 16.9 | 18.9 | 19.4 | 18.9 | 17.2 | 14.9 | 11.6 | 7.28 | 4.20 | 1.45 | 0.39 | 0.02 | 163 | 158 |
| -50 | 0.06 | 0.41 | 1.61 | 3.77 | 6.41 | 8.36 | 8.89 | 7.40 | 6.23 | 5.73 | 6.17 | 6.83 | 7.18 | 5.84 | 3.39 | 1.20 | 0.23 | 0.01 | 79.7 | 60.8 |
| -60 | 0.04 | 0.26 | 1.21 | 2.98 | 4.64 | 4.42 | 2.91 | 2.44 | 2.20 | 2.09 | 2.05 | 2.10 | 3.37 | 3.33 | 2.11 | 0.77 | 0.12 | 0.00 | 37.0 | 6.57 |
| -70 | 0.02 | 0.15 | 0.70 | 1.63 | 2.18 | 1.63 | 0.72 | 0.64 | 0.59 | 0.55 | 0.52 | 0.51 | 0.77 | 0.83 | 0.70 | 0.26 | 0.03 | 0.00 | 12.4 | 0.00 |
| -80 | 0.01 | 0.04 | 0.14 | 0.30 | 0.35 | 0.24 | 0.11 | 0.10 | 0.09 | 0.09 | 0.08 | 0.07 | 0.07 | 0.07 | 0.05 | 0.01 | 0.00 | 0.00 | 1.83 | 0.00 |
| -90 | 0.01 | 0.04 | 0.14 | 0.30 | 0.35 | 0.24 | 0.11 | 0.10 | 0.09 | 0.09 | 0.08 | 0.07 | 0.07 | 0.07 | 0.05 | 0.01 | 0.00 | 0.00 | 1.83 | 0.00 |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | HORIZONTAL (DEG) | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| Φ t | 1.90 | 19.1 | 66.2 | 148 | 242 | 336 | 412 | 465 | 490 | 484 | 449 | 387 | 305 | 210 | 120 | 45.3 | 10.5 | 0.39 | 4193 | --- |
| Φ a | 0.00 | 11.8 | 55.6 | 138 | 235 | 328 | 403 | 455 | 479 | 473 | 439 | 379 | 296 | 202 | 108 | 34.6 | 3.48 | 0.00 | --- | 4040 |

one-half-peak spread: U:30.6,D:28.7 , L:54.3,R:54.3 NEMA Beam Type: Type 7 x 6 (H x V)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZHOU
 Test Date:2017-02-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.100m [K=1.0000]
 Remarks:

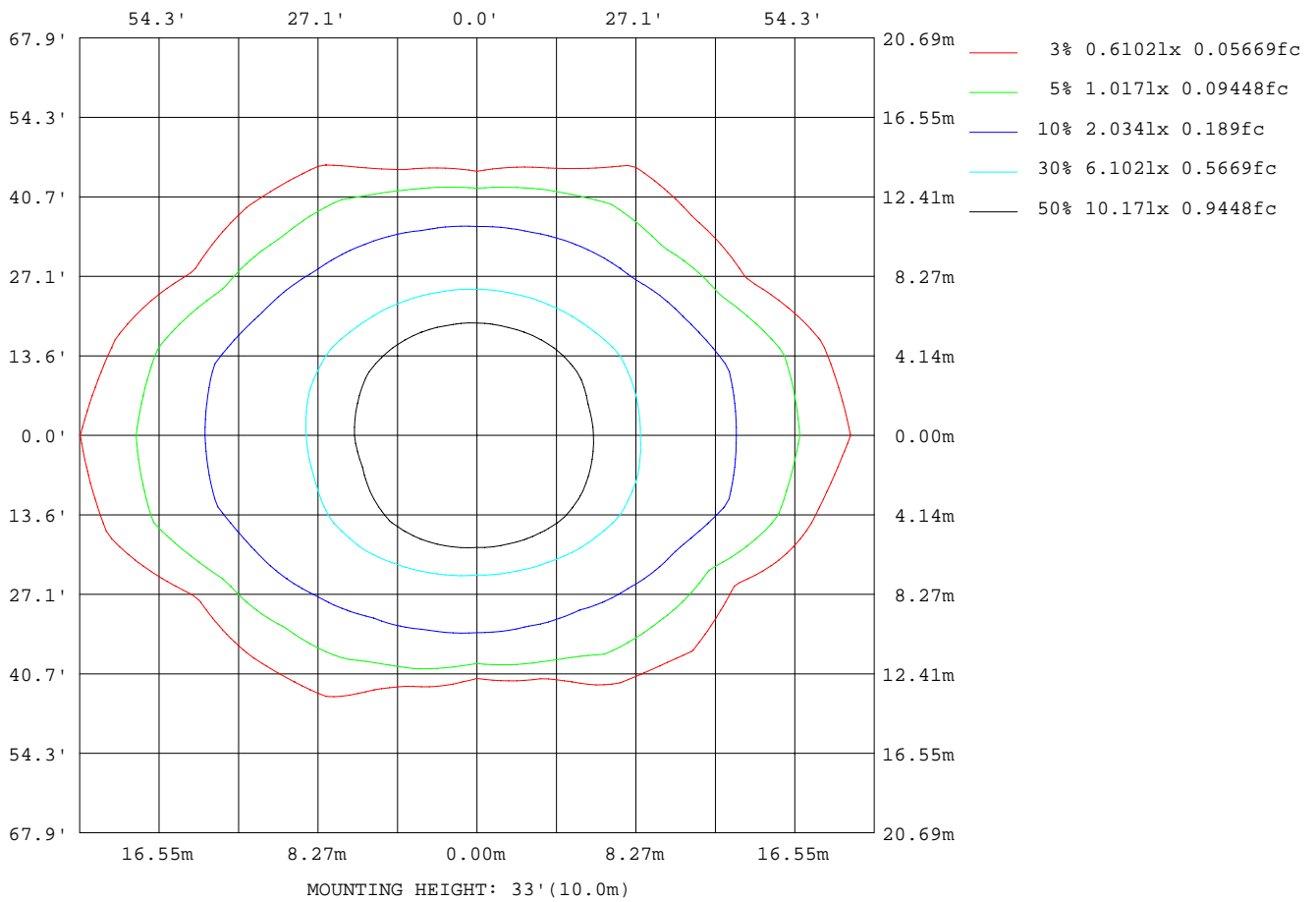
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZHOU
 Test Date: 2017-02-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks:

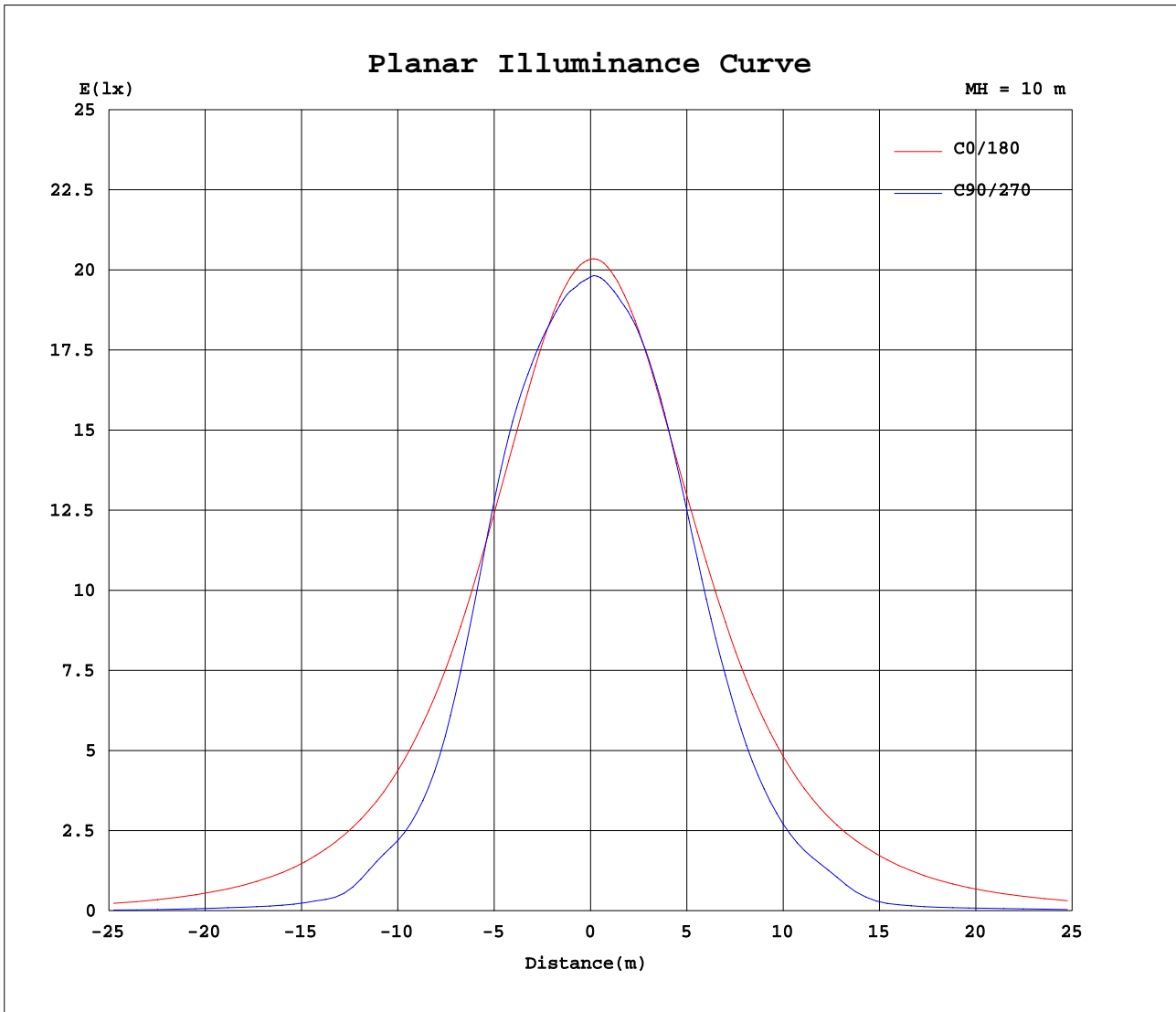
ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZHOU
 Test Date: 2017-02-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks:

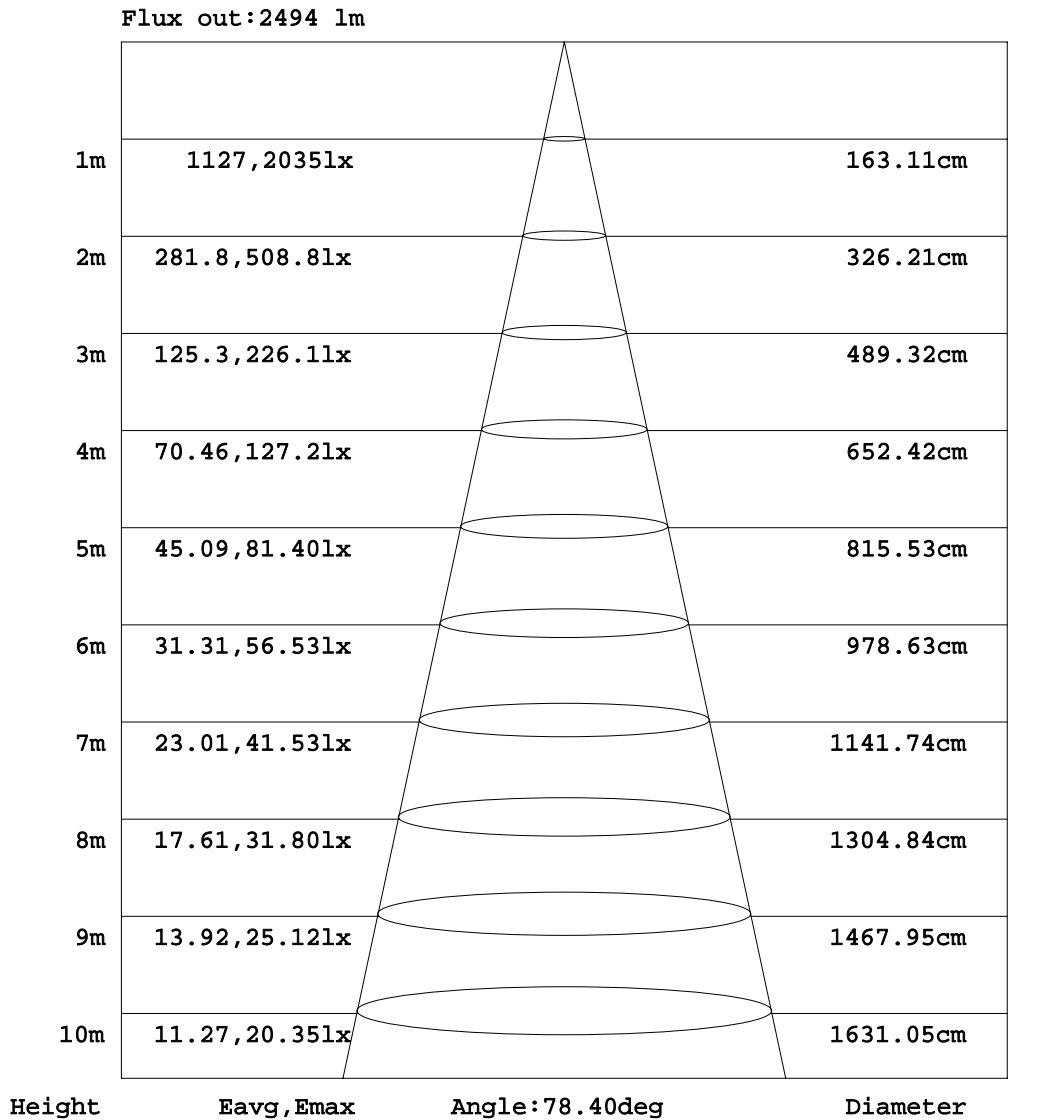
Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZHOU
 Test Date: 2017-02-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks:

AAI Figure



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

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZHOU
 Test Date:2017-02-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

| H(DEG) V(DEG) | -90 | -85 | -80 | -75 | -70 | -65 | -60 | -55 | -50 | -45 | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180 | 3.01 | 0.14 | 0.41 | 0.81 | 1.24 | 1.72 | 2.24 | 2.79 | 3.32 | 3.85 | 4.31 | 4.73 | 5.11 | 5.52 | 5.89 | 6.21 | 6.40 | 6.61 | 6.52 |
| -170 | 3.01 | 0.14 | 0.40 | 0.78 | 1.20 | 1.68 | 2.18 | 2.68 | 3.16 | 3.62 | 4.04 | 4.43 | 4.81 | 5.15 | 5.50 | 5.77 | 6.01 | 6.16 | 6.27 |
| -160 | 3.01 | 0.13 | 0.38 | 0.72 | 1.11 | 1.55 | 2.02 | 2.47 | 2.89 | 3.30 | 3.69 | 4.01 | 4.31 | 4.64 | 4.88 | 5.09 | 5.24 | 5.39 | 5.50 |
| -150 | 3.01 | 0.12 | 0.33 | 0.62 | 0.97 | 1.36 | 1.76 | 2.14 | 2.52 | 2.90 | 3.24 | 3.52 | 3.78 | 4.03 | 4.23 | 4.39 | 4.49 | 4.60 | 4.72 |
| -140 | 3.01 | 0.10 | 0.27 | 0.51 | 0.80 | 1.09 | 1.38 | 1.70 | 2.01 | 2.27 | 2.49 | 2.70 | 2.91 | 3.10 | 3.24 | 3.37 | 3.43 | 3.53 | 3.58 |
| -130 | 3.01 | 0.07 | 0.21 | 0.38 | 0.58 | 0.78 | 0.98 | 1.19 | 1.38 | 1.52 | 1.62 | 1.76 | 1.89 | 1.99 | 2.09 | 2.18 | 2.25 | 2.31 | 2.33 |
| -120 | 3.01 | 0.05 | 0.14 | 0.26 | 0.38 | 0.49 | 0.60 | 0.71 | 0.78 | 0.84 | 0.88 | 0.96 | 1.02 | 1.06 | 1.09 | 1.10 | 1.12 | 1.13 | 1.12 |
| -110 | 3.01 | 0.27 | 0.09 | 0.15 | 0.20 | 0.25 | 0.30 | 0.34 | 0.37 | 0.38 | 0.39 | 0.42 | 0.43 | 0.41 | 0.38 | 0.34 | 0.32 | 0.31 | 0.28 |
| -100 | 3.01 | 1.03 | 0.16 | 0.08 | 0.08 | 0.09 | 0.08 | 0.09 | 0.10 | 0.11 | 0.09 | 0.08 | 0.07 | 0.06 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| -90 | 3.01 | 2.55 | 2.10 | 1.65 | 1.15 | 0.66 | 0.16 | 0.11 | 0.07 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -80 | 3.01 | 4.77 | 7.29 | 10.3 | 16.8 | 29.3 | 46.7 | 50.7 | 51.5 | 49.8 | 42.2 | 29.8 | 13.4 | 11.5 | 10.8 | 9.71 | 9.43 | 9.06 | 8.57 |
| -70 | 3.01 | 7.95 | 16.2 | 22.3 | 39.8 | 72.4 | 115 | 137 | 149 | 165 | 153 | 114 | 66.0 | 49.6 | 46.7 | 40.6 | 38.0 | 35.1 | 31.4 |
| -60 | 3.01 | 12.0 | 28.9 | 40.1 | 57.8 | 105 | 158 | 198 | 224 | 260 | 294 | 250 | 201 | 166 | 158 | 130 | 115 | 111 | 104 |
| -50 | 3.01 | 16.8 | 48.1 | 70.7 | 69.9 | 140 | 218 | 243 | 265 | 335 | 401 | 428 | 455 | 469 | 441 | 443 | 448 | 418 | 372 |
| -40 | 3.01 | 22.4 | 73.9 | 117 | 134 | 235 | 360 | 417 | 445 | 547 | 653 | 725 | 783 | 833 | 861 | 888 | 881 | 888 | 861 |
| -30 | 3.01 | 28.6 | 103 | 172 | 250 | 399 | 593 | 707 | 798 | 927 | 1096 | 1207 | 1313 | 1422 | 1488 | 1551 | 1591 | 1611 | 1596 |
| -20 | 3.01 | 34.2 | 132 | 235 | 365 | 550 | 762 | 943 | 1078 | 1202 | 1348 | 1488 | 1605 | 1701 | 1787 | 1847 | 1896 | 1927 | 1938 |
| -10 | 3.01 | 38.3 | 159 | 299 | 460 | 651 | 843 | 1019 | 1172 | 1315 | 1444 | 1560 | 1660 | 1748 | 1816 | 1877 | 1917 | 1944 | 1960 |
| 0 | 3.01 | 40.5 | 179 | 352 | 529 | 708 | 880 | 1051 | 1208 | 1363 | 1505 | 1640 | 1749 | 1836 | 1912 | 1974 | 2011 | 2033 | 2034 |
| 10 | 3.01 | 38.9 | 160 | 299 | 452 | 632 | 827 | 1028 | 1205 | 1367 | 1510 | 1637 | 1738 | 1825 | 1898 | 1947 | 1978 | 1987 | 1975 |
| 20 | 3.01 | 35.2 | 135 | 238 | 353 | 517 | 718 | 940 | 1121 | 1251 | 1392 | 1539 | 1668 | 1745 | 1823 | 1878 | 1914 | 1927 | 1926 |
| 30 | 3.01 | 30.0 | 107 | 178 | 240 | 361 | 533 | 687 | 816 | 939 | 1083 | 1212 | 1311 | 1407 | 1485 | 1543 | 1578 | 1597 | 1595 |
| 40 | 3.01 | 23.9 | 79.0 | 125 | 133 | 212 | 336 | 408 | 467 | 574 | 686 | 766 | 842 | 917 | 974 | 1014 | 1025 | 1046 | 1039 |
| 50 | 3.01 | 18.1 | 53.7 | 80.5 | 80.8 | 139 | 216 | 254 | 292 | 368 | 438 | 471 | 510 | 545 | 548 | 554 | 557 | 561 | 554 |
| 60 | 3.01 | 13.0 | 34.4 | 50.3 | 70.4 | 116 | 167 | 213 | 252 | 302 | 340 | 276 | 216 | 190 | 181 | 138 | 114 | 111 | 104 |
| 70 | 3.01 | 8.72 | 19.8 | 31.3 | 53.7 | 87.9 | 128 | 146 | 161 | 188 | 183 | 143 | 89.9 | 70.8 | 68.7 | 65.5 | 64.4 | 63.2 | 60.6 |
| 80 | 3.01 | 5.49 | 8.89 | 13.9 | 24.6 | 41.6 | 67.0 | 64.0 | 55.0 | 44.4 | 39.6 | 31.5 | 19.5 | 17.6 | 16.2 | 14.3 | 14.2 | 14.0 | 13.6 |
| 90 | 3.01 | 3.16 | 3.31 | 3.46 | 2.84 | 2.22 | 1.61 | 1.07 | 0.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100 | 3.01 | 1.47 | 0.39 | 0.05 | 0.04 | 0.04 | 0.02 | 0.03 | 0.04 | 0.03 | 0.03 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110 | 3.01 | 0.38 | 0.07 | 0.11 | 0.14 | 0.17 | 0.19 | 0.22 | 0.25 | 0.26 | 0.27 | 0.25 | 0.23 | 0.21 | 0.17 | 0.12 | 0.12 | 0.11 | 0.10 |
| 120 | 3.01 | 0.05 | 0.12 | 0.21 | 0.33 | 0.39 | 0.46 | 0.53 | 0.60 | 0.65 | 0.69 | 0.73 | 0.74 | 0.75 | 0.77 | 0.76 | 0.76 | 0.77 | 0.75 |
| 130 | 3.01 | 0.06 | 0.18 | 0.35 | 0.52 | 0.68 | 0.83 | 0.99 | 1.14 | 1.26 | 1.37 | 1.48 | 1.58 | 1.65 | 1.76 | 1.83 | 1.89 | 1.93 | 1.93 |
| 140 | 3.01 | 0.09 | 0.25 | 0.47 | 0.74 | 1.01 | 1.27 | 1.52 | 1.78 | 2.04 | 2.24 | 2.42 | 2.62 | 2.79 | 2.94 | 3.09 | 3.17 | 3.28 | 3.32 |
| 150 | 3.01 | 0.11 | 0.32 | 0.59 | 0.93 | 1.31 | 1.69 | 2.04 | 2.39 | 2.73 | 3.06 | 3.32 | 3.59 | 3.83 | 4.00 | 4.14 | 4.28 | 4.40 | 4.48 |
| 160 | 3.01 | 0.13 | 0.37 | 0.69 | 1.08 | 1.52 | 1.99 | 2.44 | 2.87 | 3.24 | 3.60 | 3.94 | 4.24 | 4.55 | 4.79 | 5.00 | 5.14 | 5.27 | 5.37 |
| 170 | 3.01 | 0.14 | 0.40 | 0.77 | 1.19 | 1.66 | 2.16 | 2.68 | 3.16 | 3.59 | 4.01 | 4.42 | 4.81 | 5.21 | 5.57 | 5.86 | 6.05 | 6.19 | 6.21 |
| 180 | 3.01 | 0.14 | 0.41 | 0.81 | 1.24 | 1.72 | 2.24 | 2.79 | 3.32 | 3.85 | 4.31 | 4.73 | 5.11 | 5.52 | 5.89 | 6.21 | 6.40 | 6.61 | 6.52 |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHOU
Test Date: 2017-02-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 11.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

| H(DEG) V(DEG) | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| -180 | 6.62 | 6.49 | 6.27 | 6.01 | 5.69 | 5.38 | 5.05 | 4.72 | 4.33 | 3.82 | 3.30 | 2.74 | 2.18 | 1.67 | 1.18 | 0.74 | 0.40 | 0.13 | |
| -170 | 6.30 | 6.11 | 5.94 | 5.72 | 5.44 | 5.14 | 4.85 | 4.49 | 4.09 | 3.64 | 3.15 | 2.62 | 2.10 | 1.61 | 1.14 | 0.72 | 0.39 | 0.13 | |
| -160 | 5.53 | 5.45 | 5.32 | 5.18 | 4.97 | 4.69 | 4.42 | 4.09 | 3.73 | 3.33 | 2.88 | 2.41 | 1.94 | 1.49 | 1.06 | 0.68 | 0.37 | 0.13 | |
| -150 | 4.73 | 4.68 | 4.60 | 4.49 | 4.29 | 4.07 | 3.81 | 3.53 | 3.22 | 2.86 | 2.48 | 2.12 | 1.72 | 1.32 | 0.94 | 0.61 | 0.35 | 0.13 | |
| -140 | 3.62 | 3.61 | 3.57 | 3.49 | 3.34 | 3.17 | 2.96 | 2.76 | 2.53 | 2.27 | 1.99 | 1.70 | 1.41 | 1.11 | 0.79 | 0.53 | 0.31 | 0.13 | |
| -130 | 2.34 | 2.30 | 2.28 | 2.25 | 2.18 | 2.10 | 1.98 | 1.86 | 1.74 | 1.62 | 1.45 | 1.25 | 1.06 | 0.86 | 0.64 | 0.44 | 0.27 | 0.13 | |
| -120 | 1.15 | 1.16 | 1.16 | 1.17 | 1.17 | 1.15 | 1.11 | 1.04 | 1.01 | 0.97 | 0.91 | 0.82 | 0.72 | 0.61 | 0.48 | 0.35 | 0.23 | 0.13 | |
| -110 | 0.31 | 0.32 | 0.33 | 0.40 | 0.44 | 0.48 | 0.49 | 0.49 | 0.49 | 0.50 | 0.49 | 0.46 | 0.42 | 0.38 | 0.32 | 0.25 | 0.19 | 0.13 | |
| -100 | 0.00 | 0.00 | 0.00 | 0.03 | 0.06 | 0.08 | 0.11 | 0.14 | 0.17 | 0.18 | 0.19 | 0.20 | 0.19 | 0.19 | 0.18 | 0.17 | 0.15 | 0.13 | |
| -90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.04 | 0.06 | 0.08 | 0.10 | 0.11 | 0.13 | |
| -80 | 8.49 | 8.29 | 8.02 | 8.08 | 7.92 | 7.84 | 10.3 | 11.6 | 12.1 | 14.0 | 13.3 | 10.3 | 5.54 | 2.16 | 0.60 | 0.05 | 0.09 | 0.13 | |
| -70 | 32.5 | 32.8 | 32.6 | 33.5 | 33.4 | 43.4 | 68.8 | 80.0 | 79.7 | 79.6 | 77.3 | 62.4 | 36.0 | 18.0 | 7.36 | 1.96 | 0.08 | 0.13 | |
| -60 | 106 | 105 | 110 | 121 | 128 | 165 | 212 | 253 | 227 | 192 | 167 | 122 | 74.5 | 40.2 | 19.6 | 6.36 | 0.57 | 0.13 | |
| -50 | 393 | 389 | 379 | 399 | 427 | 388 | 371 | 354 | 300 | 256 | 219 | 156 | 99.6 | 54.8 | 37.2 | 12.8 | 1.48 | 0.13 | |
| -40 | 859 | 825 | 806 | 752 | 708 | 655 | 583 | 505 | 388 | 325 | 291 | 200 | 109 | 86.3 | 63.9 | 20.9 | 2.64 | 0.13 | |
| -30 | 1584 | 1539 | 1470 | 1389 | 1291 | 1166 | 1042 | 875 | 727 | 625 | 498 | 318 | 179 | 143 | 98.2 | 31.3 | 3.86 | 0.13 | |
| -20 | 1931 | 1901 | 1847 | 1778 | 1675 | 1567 | 1424 | 1257 | 1102 | 975 | 770 | 513 | 327 | 217 | 137 | 43.1 | 4.82 | 0.13 | |
| -10 | 1958 | 1937 | 1891 | 1828 | 1751 | 1650 | 1527 | 1393 | 1242 | 1074 | 878 | 657 | 458 | 298 | 175 | 53.3 | 5.36 | 0.13 | |
| 0 | 2014 | 1980 | 1927 | 1852 | 1764 | 1659 | 1529 | 1391 | 1238 | 1077 | 910 | 735 | 557 | 370 | 206 | 58.9 | 5.47 | 0.13 | |
| 10 | 1950 | 1912 | 1860 | 1793 | 1709 | 1608 | 1493 | 1370 | 1225 | 1066 | 888 | 690 | 493 | 311 | 173 | 52.2 | 5.40 | 0.13 | |
| 20 | 1901 | 1866 | 1808 | 1736 | 1643 | 1551 | 1412 | 1257 | 1109 | 981 | 807 | 590 | 392 | 233 | 133 | 41.2 | 4.92 | 0.13 | |
| 30 | 1574 | 1533 | 1478 | 1403 | 1307 | 1202 | 1094 | 962 | 815 | 691 | 567 | 421 | 257 | 145 | 92.2 | 29.1 | 4.04 | 0.13 | |
| 40 | 1028 | 990 | 960 | 908 | 834 | 740 | 653 | 575 | 468 | 360 | 316 | 251 | 139 | 77.2 | 56.3 | 19.2 | 2.93 | 0.13 | |
| 50 | 555 | 546 | 536 | 522 | 509 | 457 | 408 | 363 | 294 | 229 | 197 | 157 | 92.5 | 43.9 | 30.5 | 12.1 | 1.84 | 0.13 | |
| 60 | 112 | 116 | 146 | 203 | 224 | 223 | 248 | 285 | 247 | 204 | 167 | 123 | 75.6 | 36.4 | 16.6 | 6.76 | 0.84 | 0.13 | |
| 70 | 61.1 | 60.4 | 60.1 | 64.3 | 65.6 | 79.1 | 123 | 161 | 167 | 137 | 111 | 83.2 | 48.1 | 22.4 | 7.92 | 2.84 | 0.16 | 0.13 | |
| 80 | 13.4 | 13.1 | 12.7 | 13.5 | 13.8 | 15.3 | 31.4 | 42.9 | 48.4 | 41.5 | 34.1 | 25.9 | 14.0 | 5.80 | 1.60 | 0.25 | 0.08 | 0.13 | |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.06 | 0.10 | 0.13 | |
| 100 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 0.05 | 0.08 | 0.10 | 0.11 | 0.12 | 0.12 | 0.13 | 0.14 | 0.14 | 0.13 | 0.13 | 0.13 | |
| 110 | 0.14 | 0.17 | 0.20 | 0.25 | 0.30 | 0.33 | 0.36 | 0.38 | 0.39 | 0.40 | 0.39 | 0.36 | 0.34 | 0.31 | 0.29 | 0.23 | 0.17 | 0.13 | |
| 120 | 0.81 | 0.85 | 0.87 | 0.90 | 0.91 | 0.93 | 0.93 | 0.91 | 0.89 | 0.85 | 0.79 | 0.71 | 0.63 | 0.53 | 0.43 | 0.33 | 0.22 | 0.13 | |
| 130 | 1.98 | 1.99 | 1.99 | 1.97 | 1.91 | 1.85 | 1.79 | 1.69 | 1.58 | 1.45 | 1.30 | 1.13 | 0.96 | 0.78 | 0.59 | 0.41 | 0.26 | 0.13 | |
| 140 | 3.36 | 3.32 | 3.28 | 3.19 | 3.06 | 2.92 | 2.74 | 2.53 | 2.32 | 2.11 | 1.82 | 1.57 | 1.30 | 1.03 | 0.75 | 0.51 | 0.30 | 0.13 | |
| 150 | 4.48 | 4.44 | 4.35 | 4.23 | 4.05 | 3.82 | 3.56 | 3.29 | 3.00 | 2.66 | 2.31 | 1.96 | 1.62 | 1.24 | 0.90 | 0.59 | 0.34 | 0.13 | |
| 160 | 5.37 | 5.27 | 5.15 | 4.98 | 4.74 | 4.45 | 4.17 | 3.87 | 3.53 | 3.16 | 2.73 | 2.27 | 1.86 | 1.44 | 1.03 | 0.66 | 0.37 | 0.13 | |
| 170 | 6.18 | 5.92 | 5.75 | 5.51 | 5.21 | 4.91 | 4.63 | 4.31 | 3.97 | 3.55 | 3.07 | 2.56 | 2.06 | 1.58 | 1.12 | 0.71 | 0.39 | 0.13 | |
| 180 | 6.62 | 6.49 | 6.27 | 6.01 | 5.69 | 5.38 | 5.05 | 4.72 | 4.33 | 3.82 | 3.30 | 2.74 | 2.18 | 1.67 | 1.18 | 0.74 | 0.40 | 0.13 | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZHOU
 Test Date:2017-02-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.100m [K=1.0000]
 Remarks: