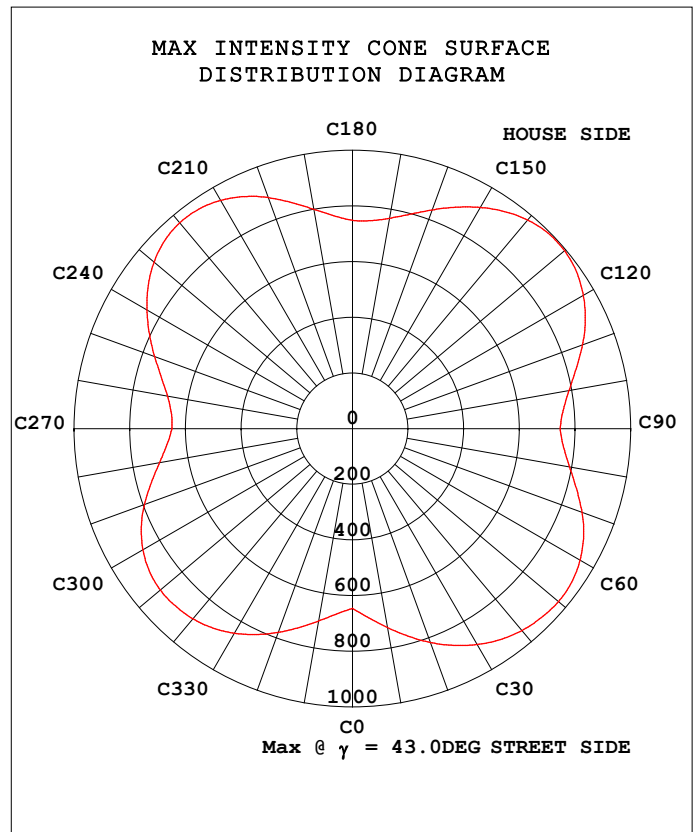
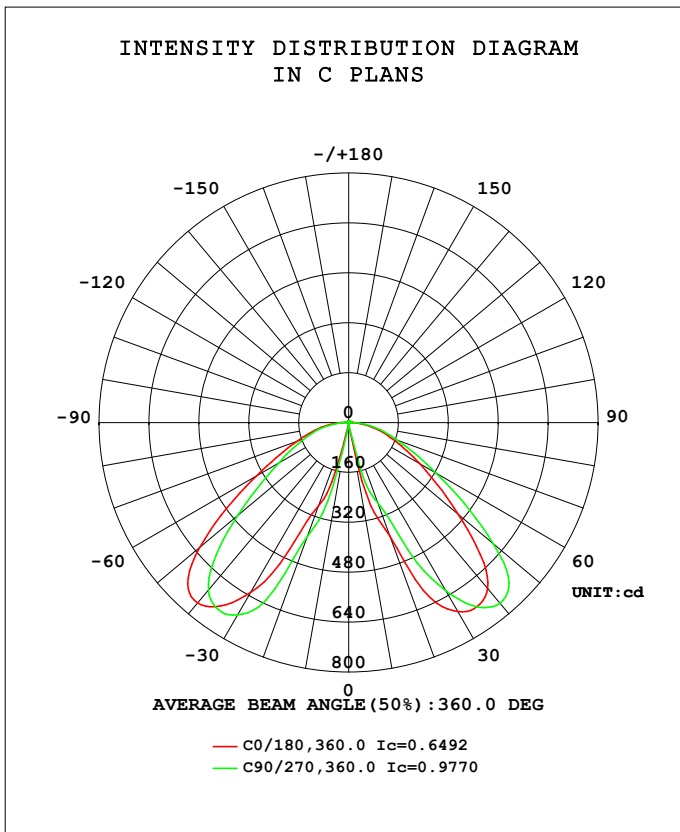


STREETLIGHT PHOTOMETRIC TEST REPORT

| | | |
|---|-----------------------------|------------------|
| Test:U:119.78V I:0.1969A P:23.397W PF:0.9922 Freq:59.98Hz Lamp Flux:2491.54x1 lm | | |
| NAME: 24W 4K G6 草坪灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.00849m ² | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 106.49 lm/W | | | |
|-------------------|---------|-----------------------------------|----------|--------------------------------|------|
| MODEL | | I _{max} (cd) | 993.7 | η street_up (%) | 1.0 |
| NOMINAL POWER (W) | | LOR (%) | 100.0 | η street_down (%) | 53.1 |
| RATED VOLTAGE (V) | | TOTAL FLUX (lm) | 2492 | η house_up (%) | 0.8 |
| NOMINAL FLUX (lm) | 2491.54 | MAXIMUM @ (C, γ) | 135,43.0 | η house_down (%) | 45.1 |
| LAMPS INSIDE | 1 | η up (%) | 1.8 | 76 FLASHAREA (m ²) | |
| TEST VOLTAGE (V) | | η down (%) | 98.2 | SLI | |

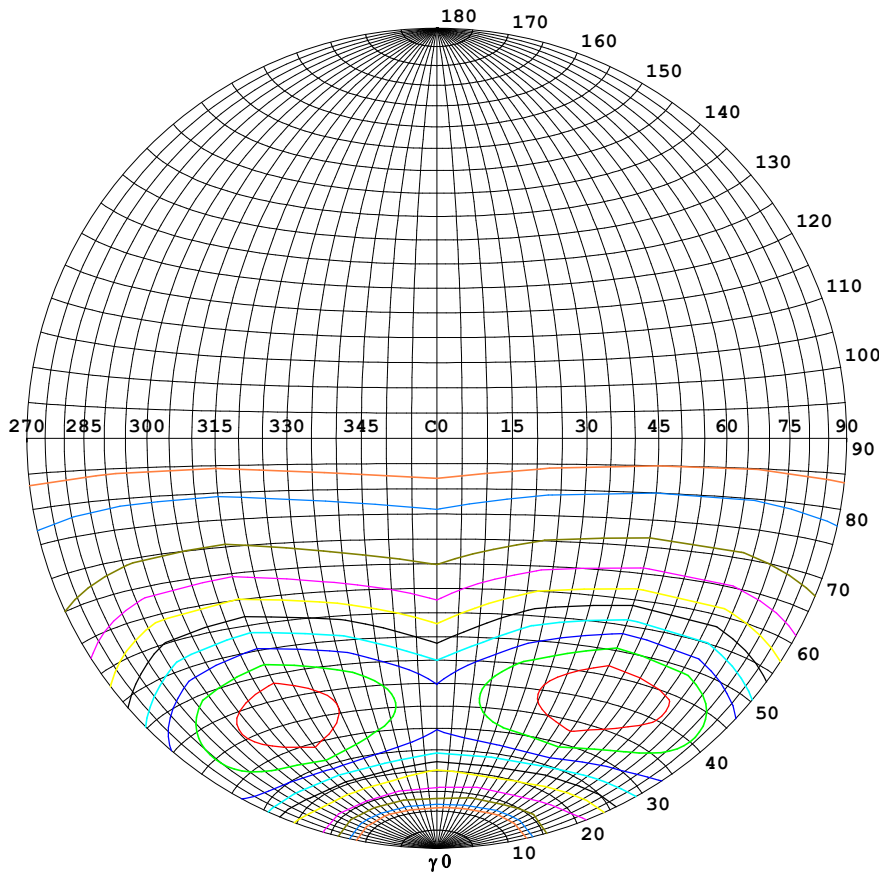


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:204-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

| | | |
|---|-----------------------------|------------------|
| Test:U:119.78V I:0.1969A P:23.397W PF:0.9922 Freq:59.98Hz Lamp Flux:2491.54x1 lm | | |
| NAME: 24W 4K G6 草坪灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.00849m ² | Shielding Angle: |



Classification:

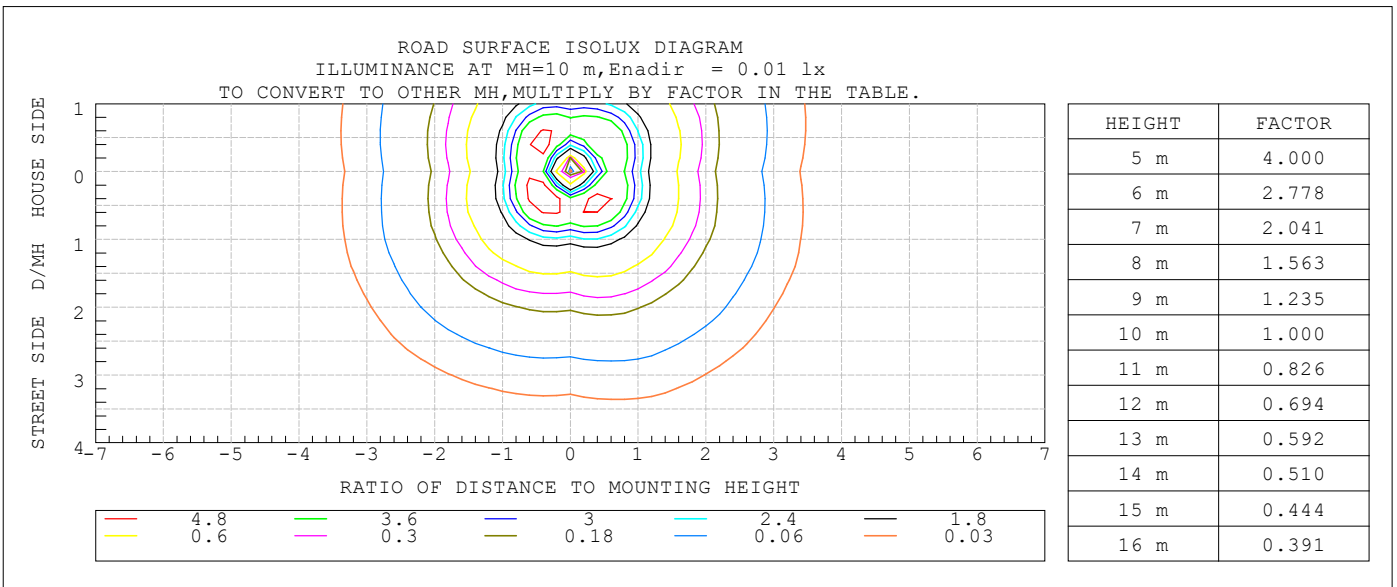
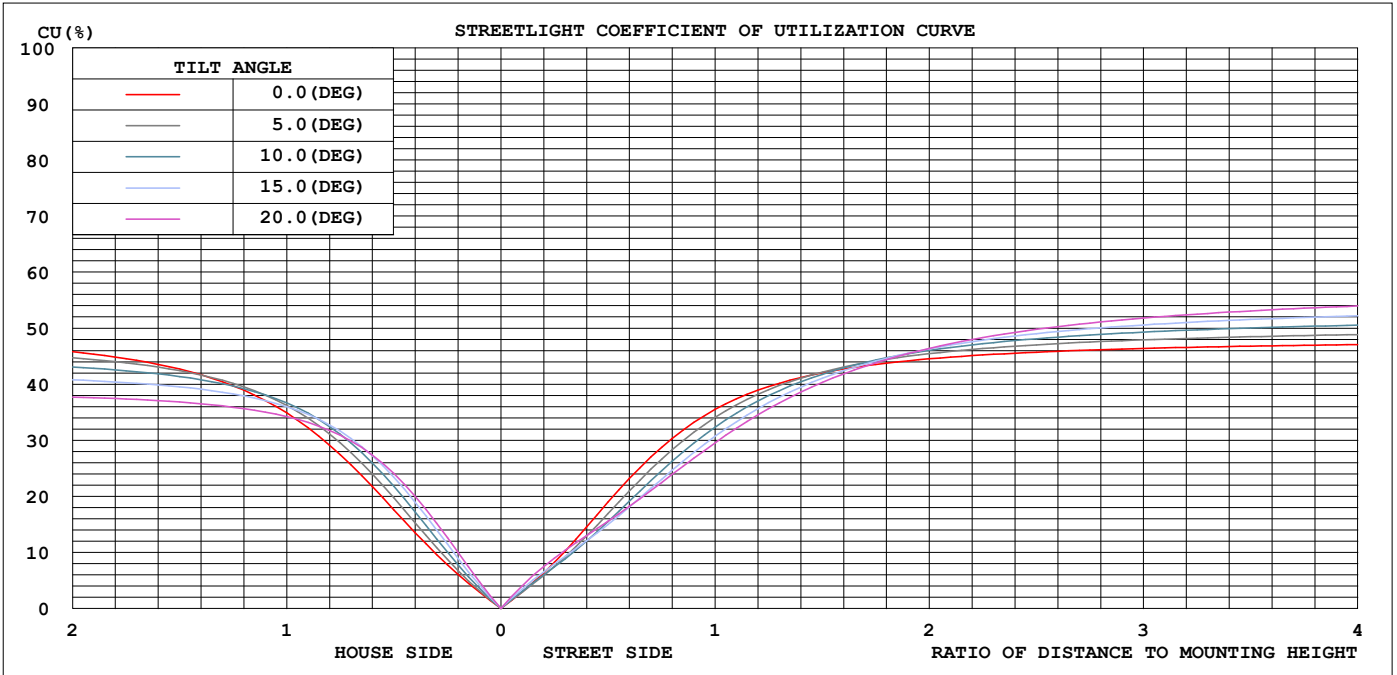
IES:Type V - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:49.08cd/klm
 Max.At90:11.94cd/klm
 Max.80-90:49.08cd/klm

| ISOCANDELA DIAGRAM | |
|------------------------|-----|
| UNIT | cd |
| I _{max} =100% | 994 |
| — 90% | 894 |
| — 80% | 795 |
| — 70% | 696 |
| — 60% | 596 |
| — 50% | 497 |
| — 40% | 397 |
| — 30% | 298 |
| — 20% | 199 |
| — 10% | 99 |
| — 5% | 50 |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:204-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators:
Test Date: 204-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

| | | |
|---|-----------------------------|------------------|
| Test:U:119.78V I:0.1969A P:23.397W PF:0.9922 Freq:59.98Hz Lamp Flux:2491.54x1 lm | | |
| NAME: 24W 4K G6 草坪灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.00849m ² | Shielding Angle: |

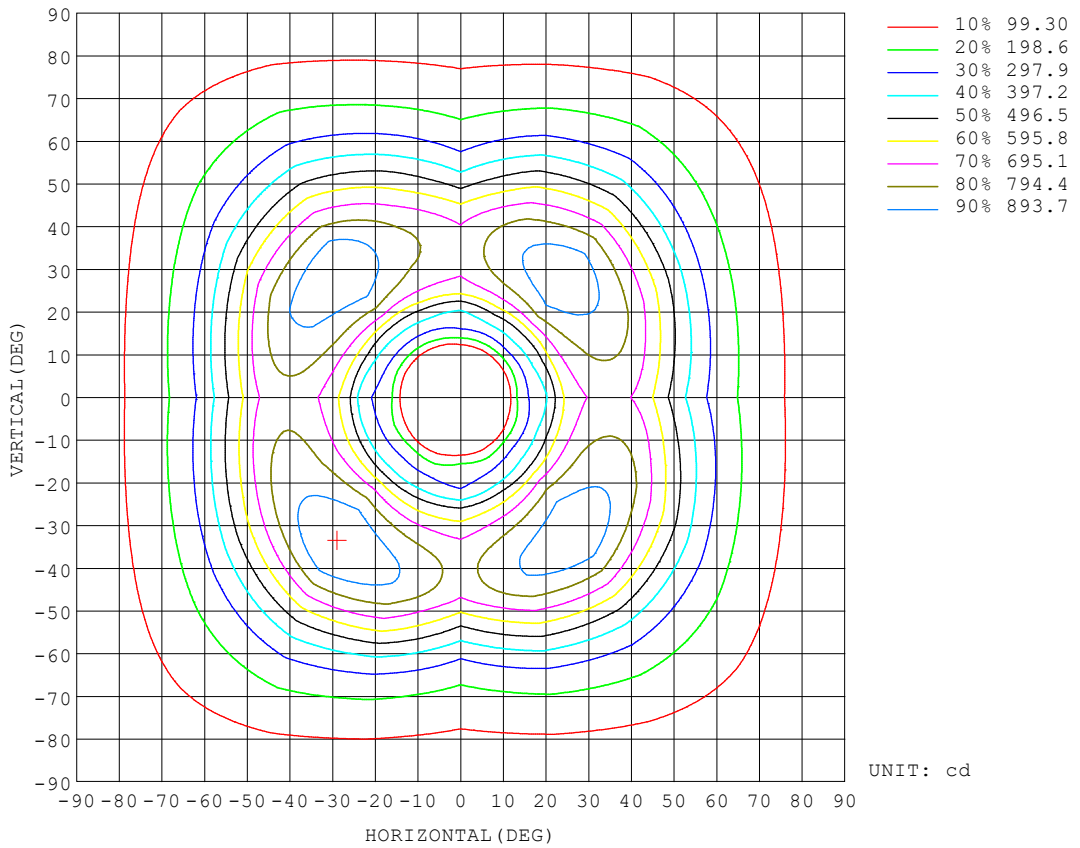
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|--------|
| 10 | 30.81 | 20.27 | 13.21 | 9.131 | 8.501 | 9.708 | 20.97 | 28.60 | 0- 10 | 0.5490 | 0.5490 | 0.5490 |
| 20 | 388.5 | 391.9 | 274.3 | 312.2 | 285.0 | 381.2 | 386.4 | 471.1 | 10- 20 | 60.28 | 60.83 | 60.83 |
| 30 | 699.3 | 821.1 | 621.1 | 728.0 | 627.7 | 847.1 | 712.0 | 912.5 | 20- 30 | 269.4 | 330.2 | 330.2 |
| 40 | 693.2 | 971.1 | 755.5 | 977.7 | 754.4 | 973.9 | 700.2 | 947.7 | 30- 40 | 517.7 | 847.9 | 847.9 |
| 50 | 460.4 | 809.7 | 606.3 | 909.0 | 624.2 | 790.3 | 466.2 | 706.1 | 40- 50 | 615.1 | 1463 | 1463 |
| 60 | 262.4 | 459.6 | 322.2 | 547.7 | 339.5 | 476.5 | 258.9 | 399.8 | 50- 60 | 485.1 | 1948 | 1948 |
| 70 | 145.0 | 224.5 | 166.3 | 267.6 | 177.1 | 245.4 | 149.8 | 205.2 | 60- 70 | 287.1 | 2235 | 2235 |
| 80 | 64.86 | 98.53 | 79.50 | 122.3 | 88.57 | 115.3 | 75.02 | 91.44 | 70- 80 | 154.1 | 2389 | 2389 |
| 90 | 16.09 | 20.72 | 19.83 | 29.75 | 24.24 | 28.03 | 19.23 | 20.24 | 80- 90 | 57.34 | 2447 | 2447 |
| 100 | 7.967 | 8.696 | 7.599 | 8.957 | 8.326 | 9.380 | 8.718 | 9.128 | 90-100 | 14.14 | 2461 | 2461 |
| 110 | 6.515 | 7.128 | 5.814 | 7.004 | 6.153 | 7.531 | 6.870 | 7.495 | 100-110 | 7.933 | 2469 | 2469 |
| 120 | 6.174 | 6.483 | 5.585 | 6.290 | 5.741 | 6.830 | 6.398 | 6.790 | 110-120 | 6.451 | 2475 | 2475 |
| 130 | 5.754 | 6.034 | 5.473 | 5.930 | 5.624 | 6.369 | 5.977 | 6.245 | 120-130 | 5.495 | 2481 | 2481 |
| 140 | 5.137 | 5.317 | 5.008 | 5.325 | 5.288 | 5.704 | 5.328 | 5.435 | 130-140 | 4.369 | 2485 | 2485 |
| 150 | 4.396 | 4.544 | 4.364 | 4.628 | 4.686 | 5.023 | 4.586 | 4.735 | 140-150 | 3.129 | 2488 | 2488 |
| 160 | 3.786 | 4.079 | 3.758 | 4.175 | 4.082 | 4.494 | 4.078 | 4.310 | 150-160 | 2.005 | 2490 | 2490 |
| 170 | 3.610 | 3.422 | 3.442 | 3.546 | 3.921 | 3.925 | 3.785 | 3.821 | 160-170 | 1.108 | 2491 | 2491 |
| 180 | 3.049 | 3.193 | 3.297 | 3.397 | 3.065 | 3.257 | 3.349 | 3.409 | 170-180 | 0.3319 | 2492 | 2492 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:204-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

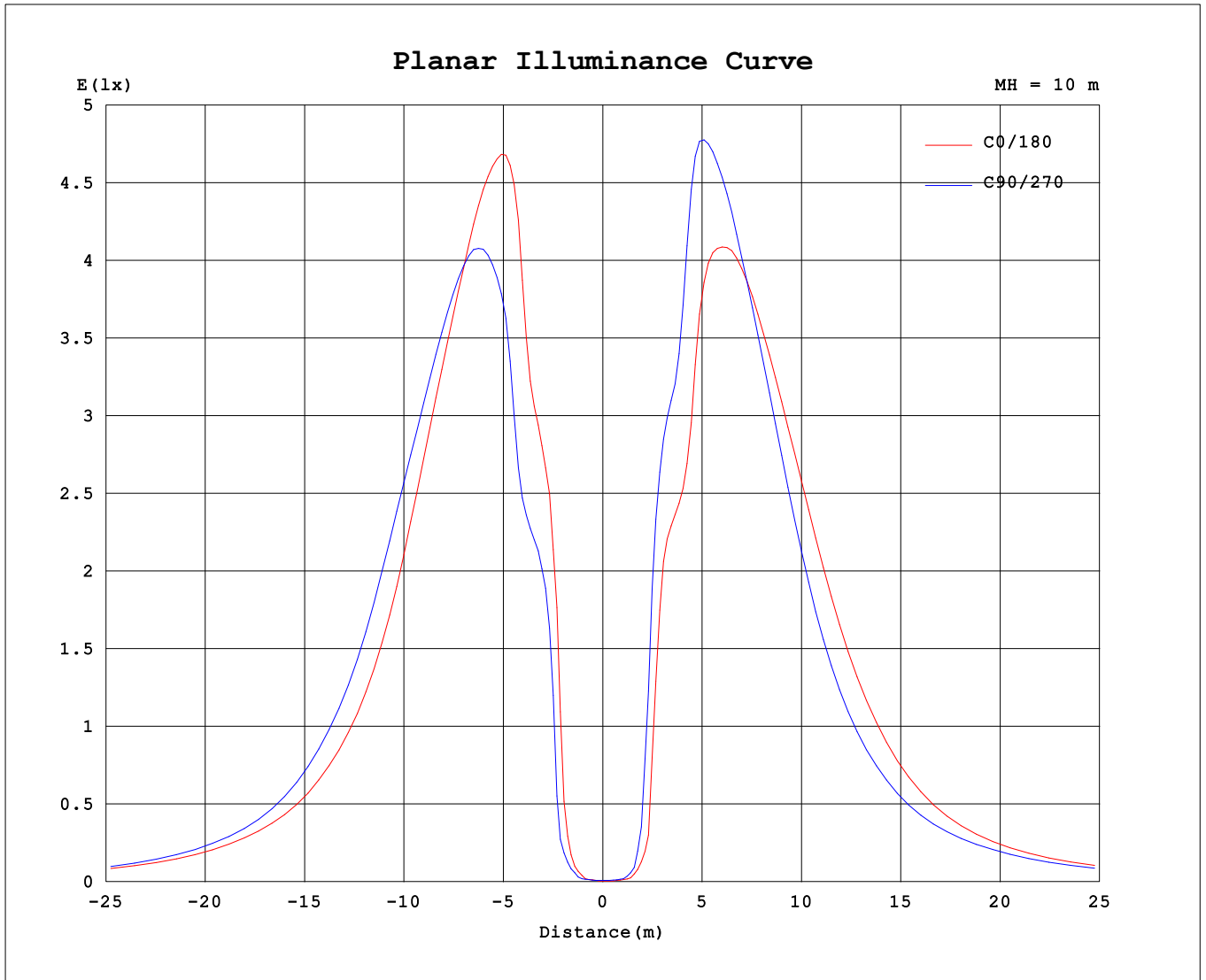
| | | |
|---|-----------------------------|------------------|
| Test:U:119.78V I:0.1969A P:23.397W PF:0.9922 Freq:59.98Hz Lamp Flux:2491.54x1 lm | | |
| NAME: 24W 4K G6 草坪灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.00849m ² | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:204-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

Planar Illuminance Curve



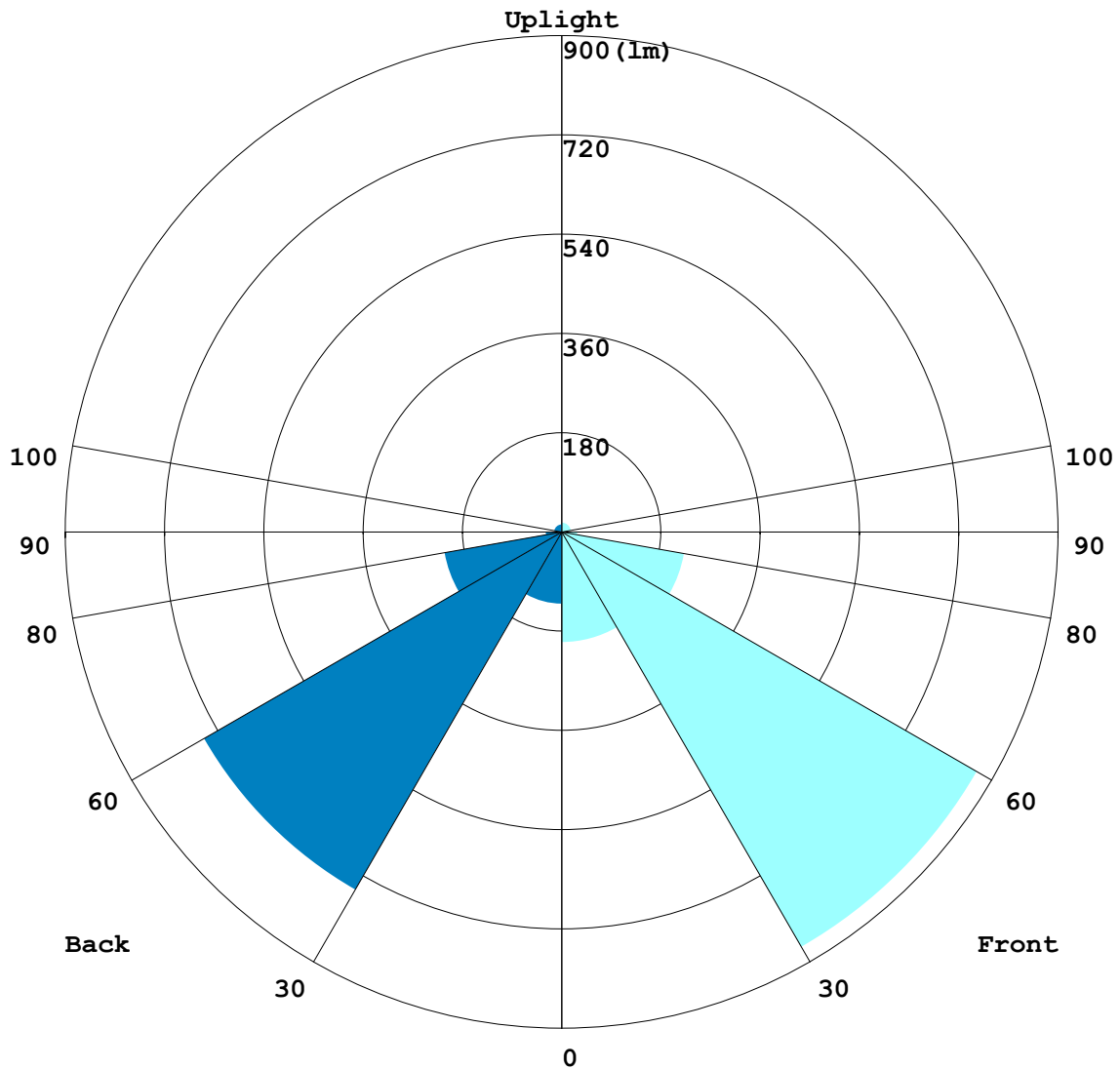
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators:
Test Date: 204-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

LCS REPORT

| | | |
|---|-----------------------------|------------------|
| Test:U:119.78V I:0.1969A P:23.397W PF:0.9922 Freq:59.98Hz | | |
| Lamp Flux:2491.54x1 lm | | |
| NAME: 24W 4K G6 草坪灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.00849m ² | Shielding Angle: |

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:204-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

BUG REPORT

| | | |
|---|-----------------------------|------------------|
| Test:U:119.78V I:0.1969A P:23.397W PF:0.9922 Freq:59.98Hz Lamp Flux:2491.54x1 lm | | |
| NAME: 24W 4K G6 草坪灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.00849m ² | Shielding Angle: |

IESNA Luminaire Flux Distribution Table:

| Zone | Lumens | Luminaire % |
|------------------------------|---------------|-------------|
| FL - Front-Low(0-30) | 199.85 | 8.0 |
| FM - Front-Medium(30-60) | 868.85 | 34.9 |
| FH - Front-High(60-80) | 225.49 | 9.1 |
| FVH - Front-Very High(80-90) | 28.207 | 1.1 |
| Total Forward Light | 1346.9 | 54.1 |

| | | |
|-----------------------------|---------------|-------------|
| BL - Back-Low(0-30) | 130.33 | 5.2 |
| BM - Back-Medium(30-60) | 749.04 | 30.1 |
| BH - Back-High(60-80) | 215.68 | 8.7 |
| BVH - Back-Very High(80-90) | 29.134 | 1.2 |
| Total Back Light | 1144.6 | 45.9 |

| | | |
|----------------------------|---------------|------------|
| UL - Uplight-Low(90-100) | 14.144 | 0.6 |
| UH - Uplight-High(100-180) | 30.822 | 1.2 |
| Total Up Light | 44.966 | 1.8 |

| | |
|----------------------------------|-----------------|
| BUG(Back,Up,Glare) Rating | B1-U2-G1 |
|----------------------------------|-----------------|

| Zone | Downward Lumens | Upward Lumens | Total Lumens |
|-------------|-----------------|---------------|--------------|
| House Side | 1124.2 | 20.45 | 1144.6 |
| Street Side | 1322.4 | 24.516 | 1346.9 |

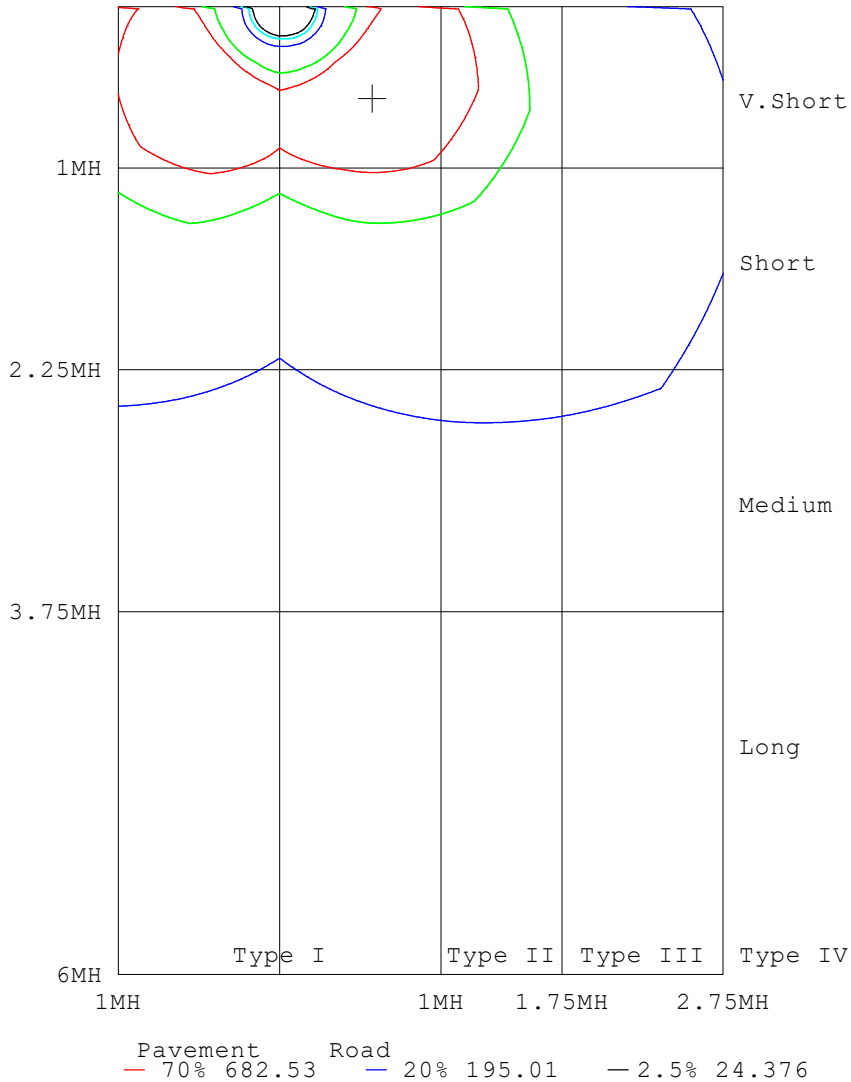
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:204-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

| | | |
|---|-----------------|------------------|
| Test:U:119.78V I:0.1969A P:23.397W PF:0.9922 Freq:59.98Hz Lamp Flux:2491.54x1 lm | | |
| NAME: 24W 4K G6 草坪灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.00849m² | Shielding Angle: |

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:204-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-----------------------------|------------------|
| Test:U:119.78V I:0.1969A P:23.397W PF:0.9922 Freq:59.98Hz Lamp Flux:2491.54x1 lm | | |
| NAME: 24W 4K G6 草坪灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.00849m ² | Shielding Angle: |

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 | 0.65 | 0.68 | 0.76 | 0.89 | 0.93 | 0.78 | 0.71 | 0.61 | 0.65 | 0.68 | 0.76 | 0.89 | 0.93 | 0.78 | 0.71 | 0.61 | | | |
| 5 | 2.13 | 2.00 | 2.07 | 1.98 | 1.82 | 1.57 | 1.43 | 1.27 | 1.25 | 1.35 | 1.46 | 1.62 | 1.70 | 1.93 | 1.97 | 2.10 | | | |
| 10 | 30.8 | 23.7 | 20.3 | 15.4 | 13.2 | 10.3 | 9.13 | 8.09 | 8.50 | 9.15 | 9.71 | 15.4 | 21.0 | 25.9 | 28.6 | 31.8 | | | |
| 15 | 277 | 237 | 224 | 177 | 181 | 137 | 133 | 135 | 143 | 153 | 182 | 220 | 259 | 262 | 283 | 267 | | | |
| 20 | 388 | 416 | 392 | 335 | 274 | 301 | 312 | 297 | 285 | 343 | 381 | 402 | 386 | 459 | 471 | 454 | | | |
| 25 | 620 | 630 | 622 | 539 | 450 | 472 | 487 | 468 | 447 | 554 | 627 | 639 | 628 | 695 | 753 | 693 | | | |
| 30 | 699 | 776 | 821 | 722 | 621 | 658 | 728 | 660 | 628 | 745 | 847 | 765 | 712 | 834 | 913 | 802 | | | |
| 35 | 719 | 846 | 935 | 840 | 722 | 799 | 894 | 784 | 718 | 860 | 953 | 816 | 731 | 881 | 967 | 855 | | | |
| 40 | 693 | 861 | 971 | 898 | 756 | 884 | 978 | 848 | 754 | 906 | 974 | 814 | 700 | 864 | 948 | 842 | | | |
| 45 | 596 | 806 | 935 | 882 | 727 | 899 | 990 | 850 | 730 | 885 | 925 | 743 | 602 | 771 | 854 | 755 | | | |
| 50 | 460 | 678 | 810 | 764 | 606 | 813 | 909 | 761 | 624 | 777 | 790 | 625 | 466 | 636 | 706 | 621 | | | |
| 55 | 348 | 538 | 637 | 599 | 454 | 662 | 735 | 617 | 476 | 626 | 635 | 500 | 347 | 502 | 550 | 472 | | | |
| 60 | 262 | 397 | 460 | 435 | 322 | 484 | 548 | 462 | 339 | 463 | 477 | 371 | 259 | 368 | 400 | 335 | | | |
| 65 | 197 | 282 | 322 | 304 | 233 | 335 | 385 | 329 | 245 | 326 | 345 | 273 | 199 | 263 | 286 | 239 | | | |
| 70 | 145 | 200 | 224 | 213 | 166 | 232 | 268 | 231 | 177 | 228 | 245 | 198 | 150 | 189 | 205 | 173 | | | |
| 75 | 106 | 142 | 157 | 150 | 120 | 162 | 186 | 164 | 128 | 161 | 175 | 144 | 113 | 138 | 147 | 124 | | | |
| 80 | 64.9 | 88.4 | 98.5 | 96.5 | 79.5 | 108 | 122 | 112 | 88.6 | 108 | 115 | 96.7 | 75.0 | 86.8 | 91.4 | 78.1 | | | |
| 85 | 32.4 | 43.9 | 49.3 | 48.8 | 40.7 | 57.2 | 65.5 | 60.8 | 47.9 | 58.4 | 61.2 | 50.6 | 38.2 | 44.1 | 45.9 | 38.8 | | | |
| 90 | 16.1 | 18.8 | 20.7 | 21.3 | 19.8 | 26.0 | 29.8 | 28.7 | 24.2 | 27.1 | 28.0 | 23.2 | 19.2 | 19.9 | 20.2 | 17.5 | | | |
| 95 | 9.62 | 10.3 | 11.1 | 10.8 | 10.6 | 12.3 | 13.9 | 13.5 | 12.7 | 13.1 | 13.8 | 12.2 | 11.4 | 11.2 | 11.4 | 10.0 | | | |
| 100 | 7.97 | 8.23 | 8.70 | 7.85 | 7.60 | 8.05 | 8.96 | 8.53 | 8.33 | 8.45 | 9.38 | 8.87 | 8.72 | 8.65 | 9.13 | 8.22 | | | |
| 105 | 7.02 | 7.33 | 7.76 | 6.92 | 6.44 | 6.97 | 7.81 | 7.31 | 6.90 | 7.34 | 8.31 | 7.83 | 7.53 | 7.65 | 8.18 | 7.35 | | | |
| 110 | 6.52 | 6.83 | 7.13 | 6.42 | 5.81 | 6.40 | 7.00 | 6.64 | 6.15 | 6.78 | 7.53 | 7.28 | 6.87 | 7.09 | 7.49 | 6.94 | | | |
| 115 | 6.29 | 6.54 | 6.74 | 6.15 | 5.60 | 6.03 | 6.56 | 6.24 | 5.81 | 6.42 | 7.11 | 6.93 | 6.56 | 6.75 | 7.07 | 6.68 | | | |
| 120 | 6.17 | 6.32 | 6.48 | 6.04 | 5.58 | 5.87 | 6.29 | 6.06 | 5.74 | 6.24 | 6.83 | 6.75 | 6.40 | 6.55 | 6.79 | 6.49 | | | |
| 125 | 6.01 | 6.09 | 6.27 | 5.95 | 5.58 | 5.74 | 6.11 | 5.95 | 5.72 | 6.12 | 6.61 | 6.52 | 6.23 | 6.34 | 6.54 | 6.29 | | | |
| 130 | 5.75 | 5.82 | 6.03 | 5.80 | 5.47 | 5.57 | 5.93 | 5.82 | 5.62 | 5.98 | 6.37 | 6.23 | 5.98 | 6.08 | 6.24 | 6.04 | | | |
| 135 | 5.41 | 5.50 | 5.71 | 5.57 | 5.23 | 5.33 | 5.67 | 5.64 | 5.44 | 5.80 | 6.07 | 5.87 | 5.60 | 5.77 | 5.86 | 5.72 | | | |
| 140 | 5.14 | 5.13 | 5.32 | 5.30 | 5.01 | 5.00 | 5.33 | 5.38 | 5.29 | 5.57 | 5.70 | 5.48 | 5.33 | 5.42 | 5.44 | 5.36 | | | |
| 145 | 4.81 | 4.73 | 4.90 | 4.93 | 4.73 | 4.64 | 4.94 | 5.06 | 5.06 | 5.26 | 5.34 | 5.06 | 5.00 | 5.01 | 5.03 | 4.98 | | | |
| 150 | 4.40 | 4.33 | 4.54 | 4.51 | 4.36 | 4.29 | 4.63 | 4.69 | 4.69 | 4.86 | 5.02 | 4.68 | 4.59 | 4.61 | 4.73 | 4.62 | | | |
| 155 | 3.99 | 4.04 | 4.29 | 4.07 | 4.03 | 4.05 | 4.39 | 4.36 | 4.29 | 4.54 | 4.76 | 4.47 | 4.28 | 4.40 | 4.52 | 4.36 | | | |
| 160 | 3.79 | 3.90 | 4.08 | 3.83 | 3.76 | 3.89 | 4.17 | 4.12 | 4.08 | 4.33 | 4.49 | 4.30 | 4.08 | 4.17 | 4.31 | 4.21 | | | |
| 165 | 3.69 | 3.76 | 3.73 | 3.56 | 3.55 | 3.65 | 3.76 | 3.74 | 3.99 | 4.16 | 4.24 | 4.14 | 3.98 | 3.99 | 4.09 | 4.07 | | | |
| 170 | 3.61 | 3.38 | 3.42 | 3.40 | 3.44 | 3.51 | 3.55 | 3.52 | 3.92 | 3.99 | 3.93 | 3.90 | 3.79 | 3.73 | 3.82 | 3.91 | | | |
| 175 | 3.15 | 3.16 | 3.18 | 3.14 | 3.19 | 3.22 | 3.30 | 3.28 | 3.29 | 3.52 | 3.60 | 3.62 | 3.53 | 3.44 | 3.54 | 3.61 | | | |
| 180 | 3.05 | 3.09 | 3.19 | 3.39 | 3.30 | 3.30 | 3.40 | 3.48 | 3.06 | 3.06 | 3.26 | 3.35 | 3.35 | 3.27 | 3.41 | 3.21 | | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:204-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks: