

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                    |                         |
|------------------------------------|-------------------------|
| Maximum Intensity                  | 361.6 cd per klm.       |
| (Luminaire orientation as tested.) | 0.0 degrees vertical    |
|                                    | -2.0 degrees horizontal |

|             |                |                 |
|-------------|----------------|-----------------|
| Beam Spread | At 10% of Imax | 151.2V x 151.7H |
|             | At 50% of Imax | 109.1V x 112.1H |
|             | At 90% of Imax | 47.1V x 52.0H   |

|           |                |                        |
|-----------|----------------|------------------------|
| Beam Flux | Total          | 1000.0 lumens per klm. |
|           | To 10% of Imax | 959.3 lumens per klm.  |
|           | To 50% of Imax | 744.7 lumens per klm.  |
|           | To 90% of Imax | 196.0 lumens per klm.  |

|              |        |
|--------------|--------|
| Upward LOR   | 2.3 %  |
| Downward LOR | 97.7 % |

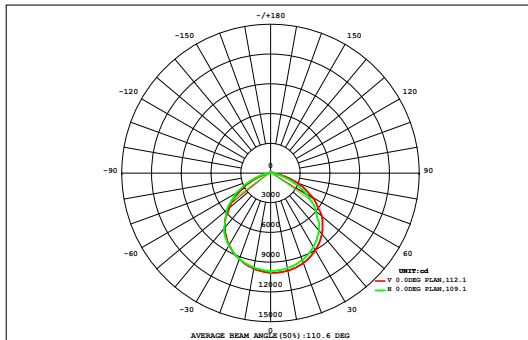
|                                           |         |
|-------------------------------------------|---------|
| Luminaire Efficiency (Light Output Ratio) | 100.0 % |
|-------------------------------------------|---------|

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Jason  
Test Date: 2024-11-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 9.250m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:218.59V I:0.9332A P:201.16W PF:0.9861 Freq:49.99Hz Lamp Flux:27816.3x1 lm |       |                  |
| NAME:                                                                            | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                   | SUR.: | Shielding Angle: |



| DATA OF LAMP     |         | Eff:138.28lm/W  |            |
|------------------|---------|-----------------|------------|
| MODEL            |         | Imax(cd)        | 10060      |
| NOMINAL POWER(W) | 200     | AVAILABILITY(%) | 95.9       |
| RATED VOLTAGE(V) | 220     | Avai. FLUX(lm)  | 26674      |
| NOMINAL FLUX(lm) | 27816.3 | LOR(%)          | 100.0      |
| LAMPS INSIDE     | 1       | TOTAL FLUX(lm)  | 27816      |
| TEST VOLTAGE(V)  | 220     | θ @50% (H,V)    | 112,109DEG |

| VERTICAL (DEG) | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |                  |      |      |      |      |      |      |      | UNIT:lm |      | Φ t   | Φ a   |
|----------------|-------------------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|---------|------|-------|-------|
|                | 0.20              | 0.65 | 1.26 | 2.06 | 3.00 | 3.92 | 4.65 | 5.03 | 4.95             | 4.63 | 4.17 | 3.50 | 2.80 | 2.18 | 1.65 | 1.19 | 0.74    | 0.26 | 46.8  | 0.00  |
| 90             | 0.20              | 0.65 | 1.26 | 2.06 | 3.00 | 3.92 | 4.65 | 5.03 | 4.95             | 4.63 | 4.17 | 3.50 | 2.80 | 2.18 | 1.65 | 1.19 | 0.74    | 0.26 | 46.8  | 0.00  |
| 80             | 0.24              | 1.29 | 4.09 | 9.17 | 16.0 | 23.4 | 30.0 | 34.3 | 35.5             | 33.6 | 29.1 | 22.4 | 14.9 | 8.43 | 4.00 | 1.78 | 0.82    | 0.26 | 270   | 149   |
| 70             | 0.32              | 2.79 | 10.4 | 23.8 | 41.3 | 59.6 | 75.6 | 86.4 | 90.8             | 88.3 | 79.2 | 64.4 | 45.9 | 27.5 | 12.5 | 3.94 | 1.07    | 0.27 | 714   | 681   |
| 60             | 0.45              | 5.01 | 18.7 | 41.8 | 69.9 | 98.8 | 123  | 141  | 148              | 145  | 133  | 111  | 83.8 | 53.5 | 26.8 | 8.67 | 1.60    | 0.28 | 1211  | 1195  |
| 50             | 0.62              | 7.51 | 27.6 | 59.1 | 96.8 | 134  | 167  | 188  | 197              | 195  | 181  | 154  | 119  | 79.4 | 42.4 | 15.1 | 2.52    | 0.30 | 1667  | 1656  |
| 40             | 0.79              | 9.99 | 35.6 | 74.4 | 119  | 164  | 201  | 229  | 241              | 239  | 222  | 191  | 148  | 102  | 56.7 | 21.5 | 3.69    | 0.32 | 2059  | 2052  |
| 30             | 0.95              | 12.1 | 42.2 | 86.5 | 138  | 187  | 228  | 256  | 269              | 267  | 250  | 218  | 172  | 119  | 67.8 | 27.0 | 4.86    | 0.34 | 2345  | 2339  |
|                | 1.08              | 13.7 | 46.8 | 95.2 | 151  | 203  | 245  | 275  | 288              | 286  | 268  | 234  | 187  | 131  | 75.7 | 30.8 | 5.75    | 0.36 | 2537  | 2532  |
|                | 1.15              | 14.7 | 49.6 | 100  | 158  | 211  | 255  | 286  | 299              | 297  | 278  | 243  | 194  | 137  | 79.4 | 32.7 | 6.19    | 0.36 | 2644  | 2639  |
|                | 1.15              | 14.7 | 49.6 | 101  | 159  | 212  | 256  | 287  | 300              | 298  | 279  | 243  | 195  | 137  | 79.6 | 32.7 | 6.19    | 0.36 | 2649  | 2645  |
|                | 1.08              | 13.7 | 46.9 | 95.6 | 152  | 204  | 247  | 277  | 290              | 288  | 270  | 236  | 188  | 132  | 76.1 | 30.9 | 5.75    | 0.36 | 2555  | 2549  |
| -30            | 0.95              | 12.1 | 42.3 | 87.1 | 139  | 190  | 231  | 259  | 273              | 271  | 253  | 220  | 175  | 120  | 68.4 | 27.2 | 4.85    | 0.34 | 2374  | 2368  |
| -40            | 0.80              | 9.97 | 35.7 | 75.0 | 121  | 167  | 207  | 234  | 246              | 244  | 227  | 196  | 151  | 103  | 57.3 | 21.6 | 3.67    | 0.32 | 2100  | 2093  |
| -50            | 0.62              | 7.49 | 27.6 | 59.6 | 98.2 | 137  | 171  | 195  | 206              | 204  | 187  | 159  | 122  | 80.8 | 42.9 | 15.1 | 2.49    | 0.30 | 1715  | 1705  |
| -60            | 0.46              | 4.99 | 18.7 | 41.9 | 70.7 | 101  | 127  | 146  | 154              | 152  | 138  | 115  | 85.7 | 54.4 | 26.9 | 8.61 | 1.59    | 0.29 | 1246  | 1230  |
| -70            | 0.33              | 2.80 | 10.3 | 23.7 | 41.3 | 60.1 | 76.8 | 88.7 | 93.7             | 91.2 | 81.4 | 65.6 | 46.5 | 27.5 | 12.4 | 3.87 | 1.08    | 0.28 | 728   | 695   |
| -80            | 0.25              | 1.34 | 4.13 | 9.12 | 15.8 | 23.1 | 29.6 | 33.9 | 35.1             | 33.3 | 28.7 | 22.0 | 14.6 | 8.22 | 3.95 | 1.82 | 0.87    | 0.27 | 266   | 146   |
| -90            | 0.21              | 0.71 | 1.41 | 2.32 | 3.36 | 4.35 | 5.14 | 5.57 | 5.56             | 5.24 | 4.71 | 3.99 | 3.23 | 2.54 | 1.91 | 1.34 | 0.80    | 0.26 | 52.7  | 0.00  |
|                | -90               | -80  | -70  | -60  | -50  | -40  | -30  | -20  | HORIZONTAL (DEG) | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90      |      |       |       |
| Φ t            | 11.7              | 136  | 473  | 987  | 1594 | 2183 | 2680 | 3026 | 3178             | 3141 | 2915 | 2500 | 1949 | 1326 | 736  | 286  | 54.5    | 5.52 | 27180 | ---   |
| Φ a            | 0.00              | 102  | 445  | 960  | 1566 | 2155 | 2651 | 2999 | 3151             | 3111 | 2885 | 2470 | 1918 | 1294 | 703  | 249  | 14.8    | 0.00 | ---   | 26674 |

one-half-peak spread: U:53.5,D:54.0 , L:54.7,R:55.0

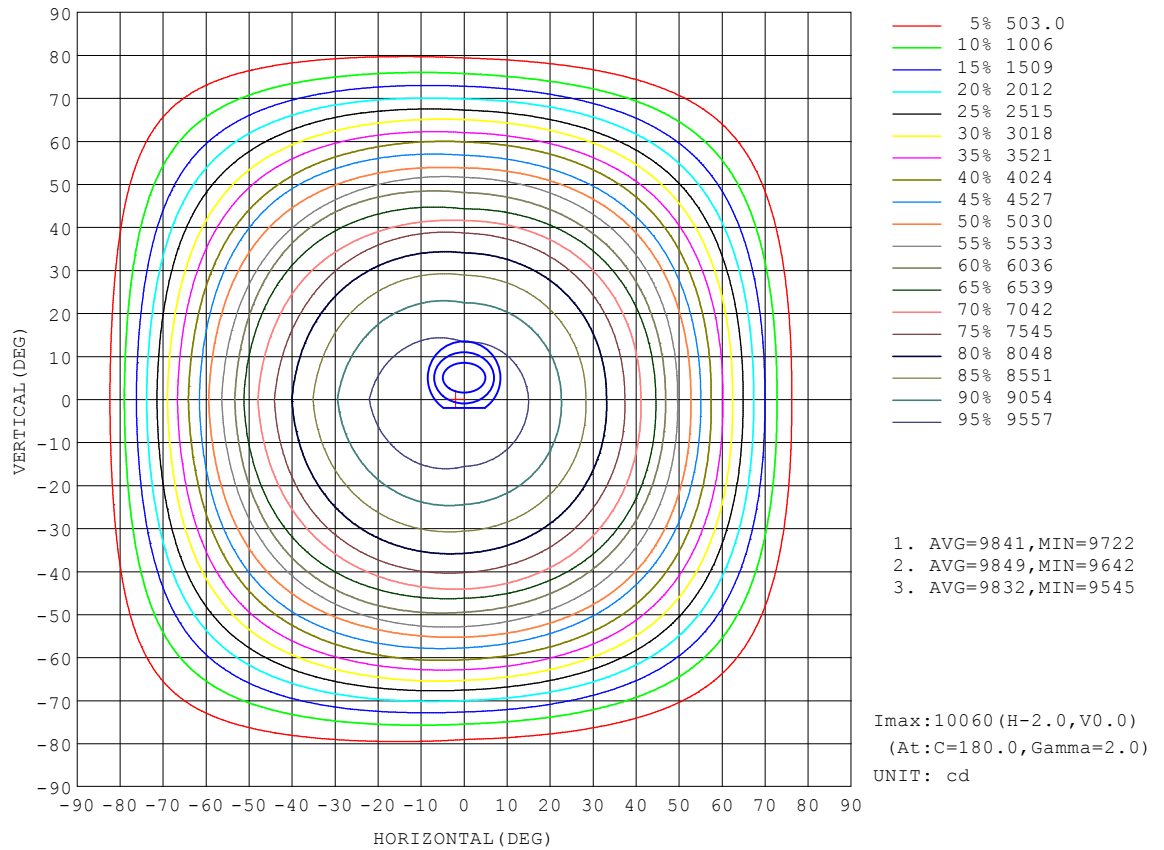
NEMA Beam Type: Type 7

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jason  
Test Date:2024-11-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:9.250m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:218.59V I:0.9332A P:201.16W PF:0.9861 Freq:49.99Hz Lamp Flux:27816.3x1 lm |       |                  |
| NAME:                                                                            | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                   | SUR.: | Shielding Angle: |

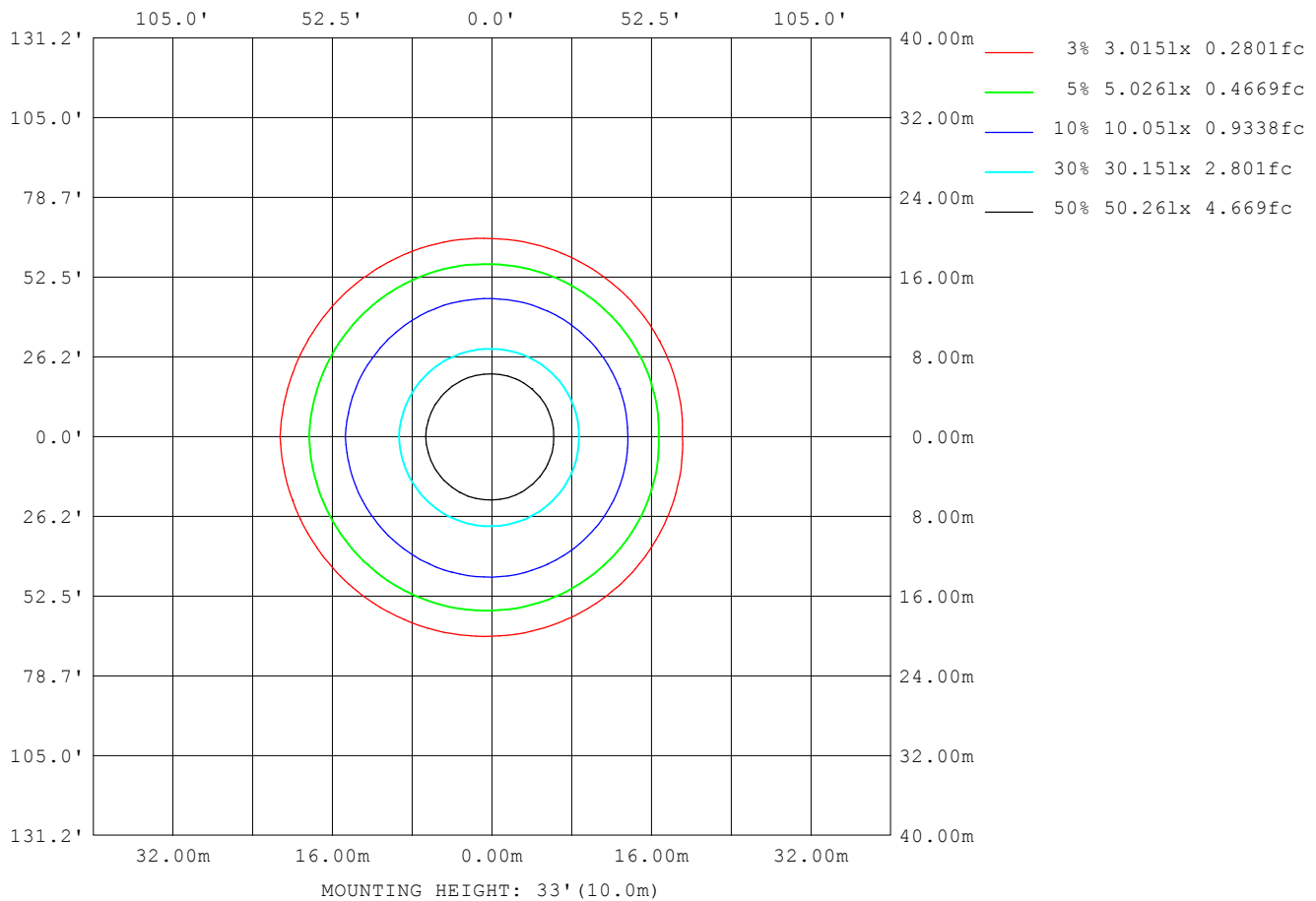


C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Jason  
Test Date: 2024-11-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 9.250m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

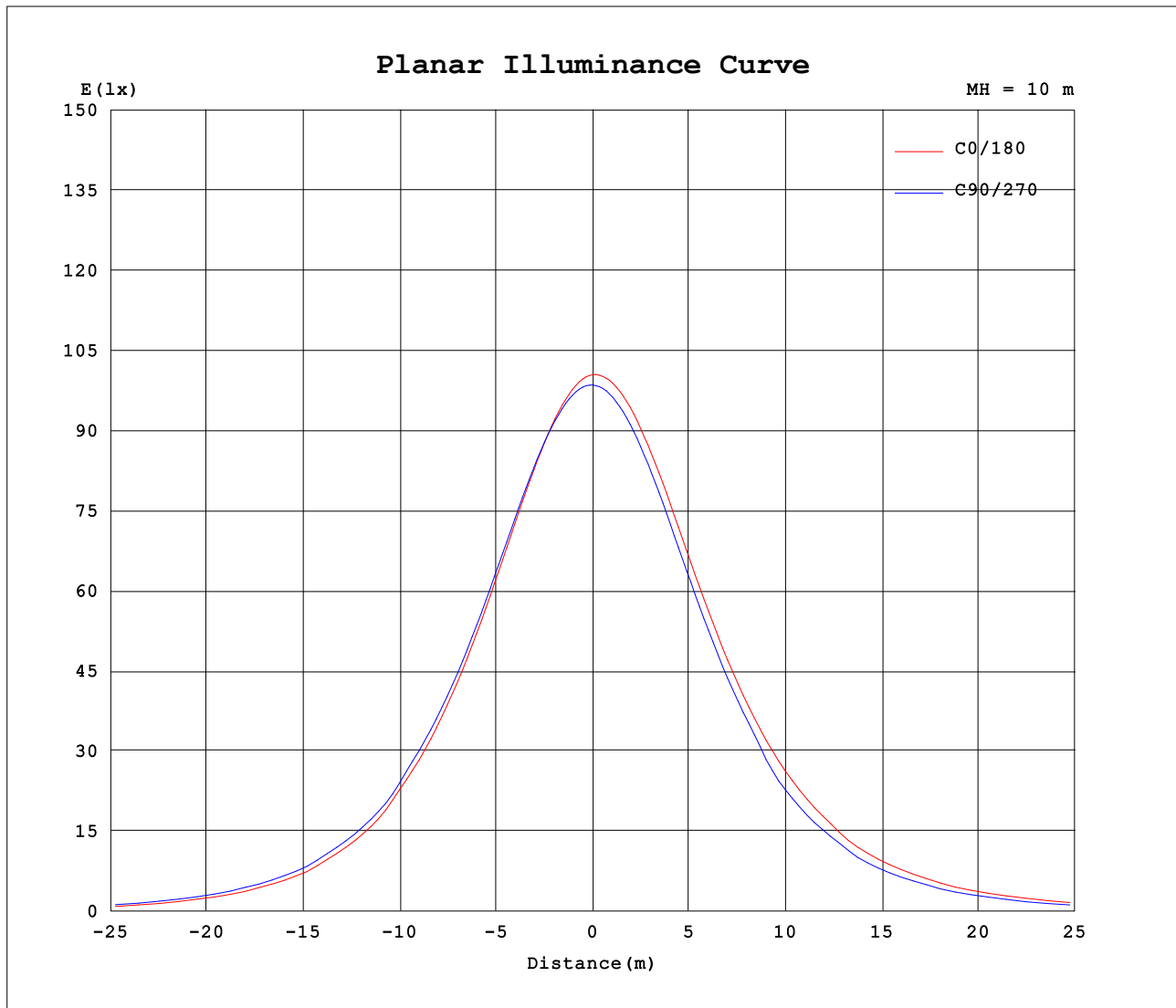
|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:218.59V I:0.9332A P:201.16W PF:0.9861 Freq:49.99Hz Lamp Flux:27816.3x1 lm |       |                  |
| NAME:                                                                            | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                   | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Jason  
 Test Date: 2024-11-30

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 9.250m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve

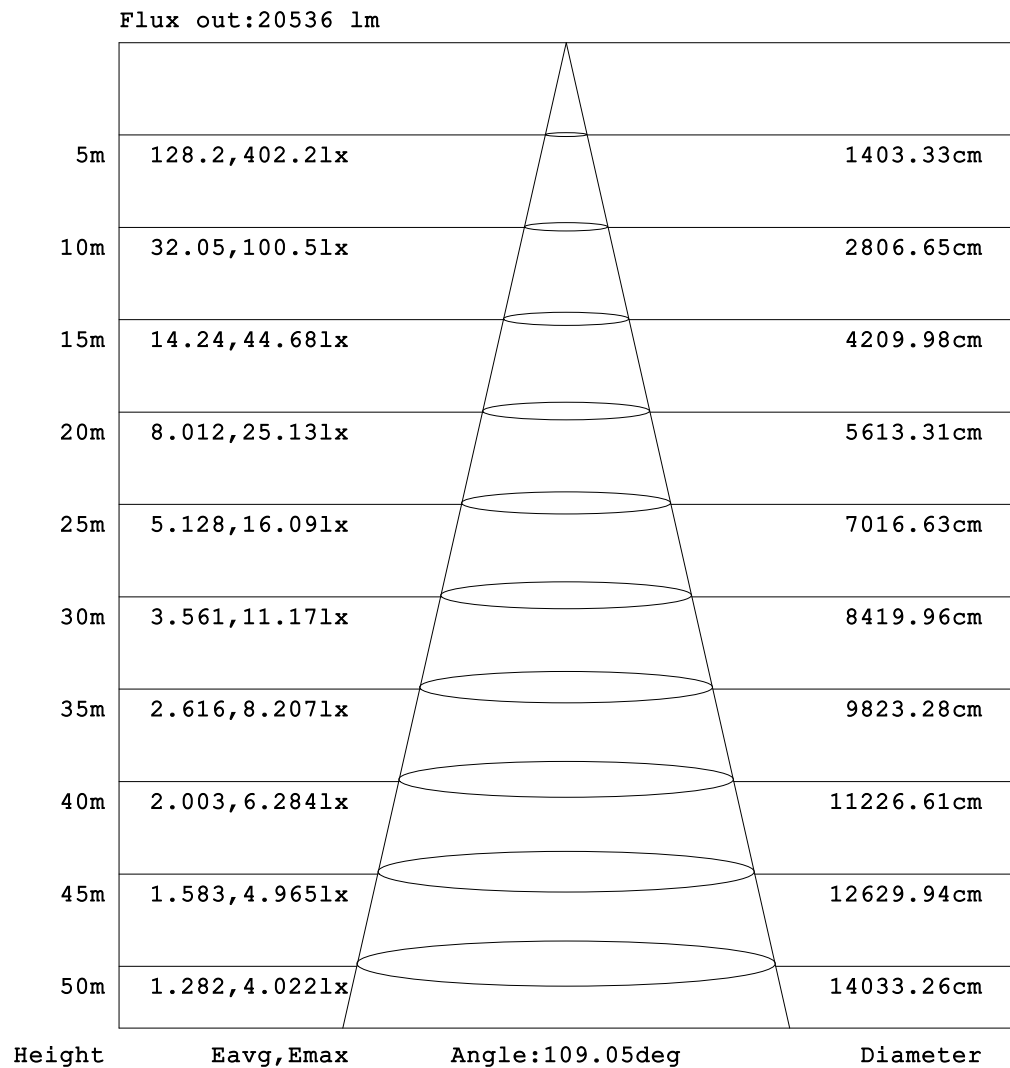


C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Jason  
Test Date: 2024-11-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 9.250m [K=1.0000]  
Remarks:

## AAI Figure

|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:218.59V I:0.9332A P:201.16W PF:0.9861 Freq:49.99Hz Lamp Flux:27816.3x1 lm |       |                  |
| NAME:                                                                            | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                   | SUR.: | Shielding Angle: |



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

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Jason  
 Test Date:2024-11-30

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.250m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:218.59V I:0.9332A P:201.16W PF:0.9861 Freq:49.99Hz Lamp Flux:27816.3x1 lm |       |                  |
| NAME:                                                                            | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                   | SUR.: | Shielding Angle: |

Table--1

UNIT: ×10cd

| H (DEG)<br>V (DEG) | -90  | -85  | -80  | -75  | -70  | -65  | -60  | -55  | -50  | -45  | -40  | -35  | -30  | -25  | -20  | -15  | -10  | -5   | 0    |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180               | 6.88 | 5.55 | 5.84 | 6.40 | 7.17 | 8.00 | 8.82 | 9.63 | 10.5 | 11.2 | 11.9 | 12.5 | 13.2 | 13.8 | 14.4 | 14.8 | 15.2 | 15.5 | 15.7 |
| -170               | 6.88 | 5.59 | 5.89 | 6.44 | 7.19 | 7.99 | 8.79 | 9.58 | 10.4 | 11.0 | 11.7 | 12.3 | 13.0 | 13.6 | 14.1 | 14.6 | 14.9 | 15.1 | 15.2 |
| -160               | 6.88 | 5.62 | 5.91 | 6.43 | 7.12 | 7.87 | 8.62 | 9.36 | 10.0 | 10.7 | 11.2 | 11.8 | 12.3 | 12.9 | 13.5 | 13.8 | 14.1 | 14.3 | 14.4 |
| -150               | 6.88 | 5.65 | 5.92 | 6.36 | 6.97 | 7.66 | 8.33 | 8.98 | 9.59 | 10.2 | 10.7 | 11.1 | 11.5 | 11.8 | 12.2 | 12.6 | 12.9 | 13.0 | 13.1 |
| -140               | 6.88 | 5.68 | 5.91 | 6.29 | 6.77 | 7.35 | 7.93 | 8.50 | 9.03 | 9.53 | 9.95 | 10.3 | 10.6 | 10.9 | 11.1 | 11.2 | 11.3 | 11.4 | 11.4 |
| -130               | 6.88 | 5.70 | 5.91 | 6.21 | 6.58 | 7.01 | 7.48 | 7.95 | 8.39 | 8.80 | 9.18 | 9.52 | 9.79 | 10.0 | 10.2 | 10.3 | 10.4 | 10.5 | 10.5 |
| -120               | 6.88 | 5.82 | 5.93 | 6.16 | 6.43 | 6.73 | 7.06 | 7.40 | 7.74 | 8.08 | 8.37 | 8.64 | 8.89 | 9.10 | 9.28 | 9.44 | 9.56 | 9.65 | 9.72 |
| -110               | 6.88 | 6.04 | 5.96 | 6.16 | 6.37 | 6.59 | 6.81 | 7.03 | 7.26 | 7.48 | 7.70 | 7.90 | 8.10 | 8.28 | 8.45 | 8.60 | 8.74 | 8.86 | 8.97 |
| -100               | 6.88 | 6.43 | 6.27 | 6.29 | 6.43 | 6.63 | 6.82 | 7.01 | 7.20 | 7.38 | 7.56 | 7.74 | 7.91 | 8.08 | 8.25 | 8.42 | 8.59 | 8.75 | 8.93 |
| -90                | 6.88 | 7.07 | 7.25 | 7.44 | 7.62 | 7.81 | 7.99 | 8.18 | 8.36 | 8.55 | 8.73 | 8.92 | 9.10 | 9.29 | 9.47 | 9.66 | 9.84 | 10.0 | 10.2 |
| -80                | 6.88 | 8.00 | 9.31 | 11.2 | 13.7 | 16.6 | 20.0 | 24.3 | 28.2 | 31.5 | 35.0 | 38.1 | 41.4 | 43.8 | 45.4 | 45.9 | 45.5 | 44.2 | 42.1 |
| -70                | 6.88 | 9.20 | 13.9 | 22.4 | 35.3 | 50.6 | 69.6 | 87.1 | 106  | 125  | 143  | 161  | 174  | 187  | 196  | 202  | 205  | 205  | 202  |
| -60                | 6.88 | 11.0 | 22.2 | 44.0 | 74.7 | 108  | 146  | 186  | 225  | 260  | 293  | 326  | 350  | 371  | 388  | 406  | 413  | 414  | 411  |
| -50                | 6.88 | 13.3 | 35.1 | 73.2 | 121  | 178  | 236  | 290  | 346  | 392  | 444  | 482  | 511  | 546  | 570  | 587  | 596  | 599  | 596  |
| -40                | 6.88 | 15.9 | 48.4 | 103  | 169  | 245  | 315  | 385  | 456  | 511  | 566  | 619  | 655  | 687  | 723  | 742  | 754  | 759  | 758  |
| -30                | 6.88 | 18.7 | 61.9 | 130  | 213  | 300  | 384  | 470  | 537  | 609  | 670  | 723  | 767  | 799  | 825  | 844  | 856  | 862  | 861  |
| -20                | 6.88 | 21.1 | 73.8 | 153  | 250  | 345  | 433  | 525  | 603  | 682  | 744  | 795  | 836  | 871  | 898  | 918  | 930  | 935  | 933  |
| -10                | 6.88 | 22.6 | 82.1 | 168  | 273  | 374  | 475  | 560  | 656  | 724  | 787  | 837  | 881  | 916  | 945  | 964  | 976  | 979  | 974  |
| 0                  | 6.88 | 23.2 | 85.5 | 175  | 282  | 386  | 493  | 575  | 674  | 743  | 805  | 856  | 901  | 937  | 966  | 986  | 1000 | 1006 | 1005 |
| 10                 | 6.88 | 22.6 | 82.1 | 168  | 273  | 374  | 474  | 558  | 654  | 721  | 783  | 835  | 878  | 912  | 941  | 960  | 971  | 974  | 968  |
| 20                 | 6.88 | 21.1 | 73.8 | 153  | 250  | 344  | 431  | 523  | 598  | 677  | 732  | 789  | 830  | 864  | 890  | 909  | 921  | 925  | 921  |
| 30                 | 6.88 | 18.6 | 62.0 | 130  | 213  | 299  | 383  | 467  | 532  | 603  | 663  | 707  | 752  | 789  | 814  | 832  | 843  | 848  | 845  |
| 40                 | 6.88 | 15.8 | 48.4 | 103  | 169  | 245  | 314  | 383  | 450  | 505  | 551  | 611  | 644  | 670  | 690  | 710  | 730  | 738  | 736  |
| 50                 | 6.88 | 13.1 | 35.0 | 73.4 | 121  | 178  | 235  | 289  | 343  | 386  | 436  | 473  | 500  | 524  | 551  | 572  | 580  | 581  | 577  |
| 60                 | 6.88 | 10.8 | 21.9 | 44.0 | 74.9 | 109  | 146  | 186  | 224  | 259  | 289  | 319  | 345  | 361  | 375  | 388  | 398  | 402  | 399  |
| 70                 | 6.88 | 8.96 | 13.5 | 21.9 | 35.0 | 50.9 | 69.9 | 88.3 | 108  | 127  | 144  | 162  | 175  | 187  | 195  | 199  | 201  | 200  | 196  |
| 80                 | 6.88 | 7.76 | 8.83 | 10.5 | 12.8 | 15.7 | 19.0 | 23.7 | 27.7 | 31.0 | 35.1 | 38.7 | 42.1 | 44.6 | 46.2 | 46.8 | 46.4 | 45.2 | 43.1 |
| 90                 | 6.88 | 6.82 | 6.75 | 6.68 | 6.62 | 6.55 | 6.49 | 6.42 | 6.35 | 6.29 | 6.22 | 6.15 | 6.09 | 6.02 | 5.95 | 5.89 | 5.82 | 5.75 | 5.69 |
| 100                | 6.88 | 6.19 | 5.81 | 5.62 | 5.59 | 5.62 | 5.67 | 5.72 | 5.78 | 5.85 | 5.92 | 6.00 | 6.08 | 6.15 | 6.22 | 6.28 | 6.34 | 6.38 | 6.42 |
| 110                | 6.88 | 5.82 | 5.56 | 5.61 | 5.71 | 5.84 | 6.01 | 6.20 | 6.41 | 6.63 | 6.85 | 7.07 | 7.28 | 7.46 | 7.62 | 7.76 | 7.88 | 7.97 | 8.03 |
| 120                | 6.88 | 5.62 | 5.59 | 5.72 | 5.94 | 6.22 | 6.56 | 6.93 | 7.31 | 7.68 | 8.01 | 8.33 | 8.62 | 8.89 | 9.12 | 9.32 | 9.47 | 9.58 | 9.65 |
| 130                | 6.88 | 5.54 | 5.64 | 5.88 | 6.23 | 6.69 | 7.20 | 7.71 | 8.20 | 8.68 | 9.13 | 9.55 | 9.91 | 10.3 | 10.6 | 10.8 | 11.0 | 11.2 | 11.3 |
| 140                | 6.88 | 5.54 | 5.70 | 6.04 | 6.54 | 7.15 | 7.77 | 8.40 | 9.00 | 9.58 | 10.1 | 10.7 | 11.1 | 11.5 | 11.9 | 12.2 | 12.4 | 12.6 | 12.7 |
| 150                | 6.88 | 5.55 | 5.76 | 6.20 | 6.83 | 7.54 | 8.25 | 8.96 | 9.65 | 10.3 | 11.0 | 11.5 | 12.0 | 12.5 | 12.9 | 13.2 | 13.5 | 13.6 | 13.7 |
| 160                | 6.88 | 5.55 | 5.81 | 6.32 | 7.04 | 7.81 | 8.59 | 9.38 | 10.1 | 10.9 | 11.5 | 12.1 | 12.7 | 13.2 | 13.7 | 14.1 | 14.4 | 14.5 | 14.6 |
| 170                | 6.88 | 5.56 | 5.84 | 6.39 | 7.16 | 7.97 | 8.79 | 9.60 | 10.4 | 11.2 | 11.8 | 12.5 | 13.1 | 13.7 | 14.2 | 14.7 | 15.0 | 15.2 | 15.2 |
| 180                | 6.88 | 5.55 | 5.84 | 6.40 | 7.17 | 8.00 | 8.82 | 9.63 | 10.5 | 11.2 | 11.9 | 12.5 | 13.2 | 13.8 | 14.4 | 14.8 | 15.2 | 15.5 | 15.5 |

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jason  
Test Date:2024-11-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:9.250m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:218.59V I:0.9332A P:201.16W PF:0.9861 Freq:49.99Hz Lamp Flux:27816.3x1 lm |       |                  |
| NAME:                                                                            | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                   | SUR.: | Shielding Angle: |

Table--2

UNIT: ×10cd

| H (DEG)<br>V (DEG) | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| -180               | 15.5 | 15.4 | 15.2 | 14.8 | 14.3 | 13.8 | 12.9 | 12.0 | 11.3 | 10.9 | 10.5 | 10.2 | 9.78 | 9.38 | 9.08 | 8.99 | 9.21 | 9.83 |  |
| -170               | 15.2 | 15.1 | 14.8 | 14.5 | 14.0 | 13.4 | 12.6 | 11.8 | 11.2 | 10.8 | 10.5 | 10.1 | 9.72 | 9.34 | 9.06 | 8.99 | 9.22 | 9.83 |  |
| -160               | 14.4 | 14.3 | 14.1 | 13.8 | 13.2 | 12.6 | 11.9 | 11.3 | 10.9 | 10.6 | 10.3 | 9.95 | 9.59 | 9.26 | 9.03 | 9.00 | 9.25 | 9.83 |  |
| -150               | 13.1 | 13.0 | 12.7 | 12.4 | 12.0 | 11.5 | 11.2 | 10.9 | 10.6 | 10.4 | 10.1 | 9.74 | 9.42 | 9.16 | 8.99 | 9.02 | 9.28 | 9.83 |  |
| -140               | 11.4 | 11.3 | 11.2 | 11.1 | 11.0 | 10.8 | 10.6 | 10.4 | 10.2 | 9.99 | 9.73 | 9.46 | 9.23 | 9.05 | 8.97 | 9.07 | 9.34 | 9.83 |  |
| -130               | 10.5 | 10.5 | 10.5 | 10.4 | 10.3 | 10.2 | 10.1 | 9.92 | 9.74 | 9.55 | 9.36 | 9.19 | 9.05 | 8.97 | 8.99 | 9.13 | 9.41 | 9.83 |  |
| -120               | 9.74 | 9.74 | 9.71 | 9.67 | 9.61 | 9.53 | 9.44 | 9.34 | 9.24 | 9.14 | 9.05 | 8.98 | 8.95 | 8.98 | 9.08 | 9.23 | 9.49 | 9.83 |  |
| -110               | 8.99 | 9.00 | 9.00 | 8.99 | 8.98 | 8.96 | 8.95 | 8.93 | 8.92 | 8.92 | 8.94 | 8.97 | 9.04 | 9.12 | 9.24 | 9.40 | 9.60 | 9.83 |  |
| -100               | 8.93 | 8.94 | 8.96 | 8.98 | 9.00 | 9.02 | 9.06 | 9.09 | 9.13 | 9.17 | 9.22 | 9.28 | 9.35 | 9.43 | 9.52 | 9.62 | 9.72 | 9.83 |  |
| -90                | 10.2 | 10.2 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 | 10.0 | 10.0 | 10.0 | 9.98 | 9.96 | 9.94 | 9.92 | 9.90 | 9.87 | 9.85 | 9.83 |  |
| -80                | 40.5 | 38.3 | 35.6 | 32.4 | 29.0 | 25.3 | 21.5 | 18.6 | 16.3 | 14.4 | 12.9 | 11.9 | 11.2 | 10.7 | 10.4 | 10.2 | 9.99 | 9.83 |  |
| -70                | 197  | 189  | 179  | 166  | 151  | 132  | 113  | 91.3 | 71.6 | 53.8 | 37.2 | 26.0 | 18.3 | 13.8 | 11.5 | 10.6 | 10.1 | 9.83 |  |
| -60                | 405  | 395  | 380  | 355  | 329  | 300  | 265  | 226  | 187  | 147  | 107  | 70.5 | 41.7 | 23.4 | 14.7 | 11.3 | 10.3 | 9.83 |  |
| -50                | 590  | 578  | 560  | 538  | 507  | 457  | 418  | 372  | 316  | 257  | 197  | 140  | 86.2 | 44.9 | 21.0 | 12.7 | 10.4 | 9.83 |  |
| -40                | 751  | 739  | 720  | 693  | 644  | 597  | 552  | 502  | 427  | 362  | 289  | 210  | 139  | 73.9 | 30.7 | 14.5 | 10.6 | 9.83 |  |
| -30                | 855  | 842  | 822  | 795  | 761  | 719  | 665  | 588  | 526  | 439  | 363  | 275  | 184  | 106  | 44.6 | 16.8 | 10.8 | 9.83 |  |
| -20                | 929  | 916  | 896  | 868  | 831  | 787  | 735  | 675  | 583  | 510  | 412  | 317  | 222  | 131  | 55.4 | 18.7 | 10.9 | 9.83 |  |
| -10                | 972  | 961  | 940  | 911  | 874  | 827  | 774  | 711  | 632  | 540  | 442  | 348  | 242  | 146  | 62.9 | 19.6 | 11.0 | 9.83 |  |
| 0                  | 996  | 980  | 956  | 924  | 886  | 838  | 783  | 719  | 647  | 547  | 453  | 357  | 248  | 150  | 64.6 | 19.6 | 11.0 | 9.83 |  |
| 10                 | 967  | 956  | 936  | 908  | 870  | 824  | 771  | 707  | 629  | 538  | 441  | 346  | 242  | 146  | 63.0 | 19.6 | 11.0 | 9.83 |  |
| 20                 | 918  | 907  | 888  | 860  | 825  | 781  | 729  | 662  | 579  | 505  | 409  | 315  | 221  | 131  | 55.6 | 18.7 | 10.9 | 9.83 |  |
| 30                 | 841  | 829  | 810  | 784  | 751  | 703  | 649  | 581  | 520  | 434  | 360  | 273  | 183  | 106  | 44.8 | 16.9 | 10.7 | 9.83 |  |
| 40                 | 730  | 715  | 687  | 660  | 628  | 586  | 544  | 486  | 421  | 357  | 287  | 209  | 138  | 74.0 | 31.0 | 14.5 | 10.5 | 9.83 |  |
| 50                 | 572  | 562  | 546  | 519  | 484  | 446  | 410  | 363  | 310  | 254  | 195  | 140  | 86.3 | 45.5 | 21.2 | 12.6 | 10.3 | 9.83 |  |
| 60                 | 393  | 380  | 362  | 342  | 320  | 295  | 259  | 223  | 185  | 146  | 108  | 71.2 | 42.5 | 23.6 | 14.7 | 11.0 | 10.1 | 9.83 |  |
| 70                 | 192  | 185  | 176  | 164  | 150  | 133  | 113  | 91.7 | 73.5 | 55.1 | 38.3 | 26.3 | 18.5 | 13.6 | 11.1 | 10.2 | 9.91 | 9.83 |  |
| 80                 | 41.5 | 39.2 | 36.5 | 33.3 | 29.8 | 26.0 | 22.0 | 18.7 | 15.8 | 13.9 | 12.3 | 10.9 | 10.3 | 9.88 | 9.71 | 9.69 | 9.75 | 9.83 |  |
| 90                 | 5.92 | 6.15 | 6.38 | 6.61 | 6.84 | 7.07 | 7.30 | 7.53 | 7.76 | 7.99 | 8.22 | 8.45 | 8.68 | 8.91 | 9.14 | 9.37 | 9.60 | 9.83 |  |
| 100                | 6.56 | 6.69 | 6.82 | 6.94 | 7.06 | 7.19 | 7.31 | 7.45 | 7.59 | 7.75 | 7.93 | 8.13 | 8.35 | 8.59 | 8.86 | 9.15 | 9.48 | 9.83 |  |
| 110                | 8.10 | 8.14 | 8.16 | 8.17 | 8.16 | 8.14 | 8.11 | 8.08 | 8.07 | 8.07 | 8.10 | 8.17 | 8.29 | 8.46 | 8.69 | 9.00 | 9.38 | 9.83 |  |
| 120                | 9.67 | 9.65 | 9.59 | 9.51 | 9.40 | 9.27 | 9.13 | 8.99 | 8.84 | 8.70 | 8.58 | 8.48 | 8.44 | 8.49 | 8.64 | 8.90 | 9.30 | 9.83 |  |
| 130                | 11.2 | 11.1 | 11.0 | 10.8 | 10.6 | 10.3 | 10.1 | 9.87 | 9.61 | 9.36 | 9.12 | 8.90 | 8.73 | 8.62 | 8.66 | 8.85 | 9.24 | 9.83 |  |
| 140                | 12.6 | 12.4 | 12.2 | 11.9 | 11.6 | 11.3 | 11.0 | 10.6 | 10.3 | 9.95 | 9.63 | 9.31 | 9.03 | 8.82 | 8.73 | 8.85 | 9.20 | 9.83 |  |
| 150                | 13.7 | 13.6 | 13.4 | 13.0 | 12.6 | 12.1 | 11.6 | 11.2 | 10.8 | 10.4 | 10.0 | 9.67 | 9.31 | 9.01 | 8.82 | 8.87 | 9.18 | 9.83 |  |
| 160                | 14.6 | 14.5 | 14.3 | 14.0 | 13.5 | 12.9 | 12.3 | 11.6 | 11.1 | 10.7 | 10.3 | 9.92 | 9.53 | 9.18 | 8.92 | 8.90 | 9.18 | 9.83 |  |
| 170                | 15.2 | 15.1 | 14.9 | 14.6 | 14.1 | 13.5 | 12.7 | 12.0 | 11.3 | 10.9 | 10.5 | 10.1 | 9.69 | 9.30 | 9.01 | 8.94 | 9.19 | 9.83 |  |
| 180                | 15.5 | 15.4 | 15.2 | 14.8 | 14.3 | 13.8 | 12.9 | 12.0 | 11.3 | 10.9 | 10.5 | 10.2 | 9.78 | 9.38 | 9.08 | 8.99 | 9.21 | 9.83 |  |

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jason  
Test Date:2024-11-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:9.250m [K=1.0000]  
Remarks: