

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                    |                         |
|------------------------------------|-------------------------|
| Maximum Intensity                  | 445.7 cd per klm.       |
| (Luminaire orientation as tested.) | 0.0 degrees vertical    |
|                                    | -1.0 degrees horizontal |

|             |                |                |
|-------------|----------------|----------------|
| Beam Spread | At 10% of Imax | 97.7V x 150.0H |
|             | At 50% of Imax | 86.8V x 118.8H |
|             | At 90% of Imax | 67.7V x 60.6H  |

|           |                |                        |
|-----------|----------------|------------------------|
| Beam Flux | Total          | 1000.1 lumens per klm. |
|           | To 10% of Imax | 936.2 lumens per klm.  |
|           | To 50% of Imax | 846.7 lumens per klm.  |
|           | To 90% of Imax | 442.7 lumens per klm.  |

|              |        |
|--------------|--------|
| Upward LOR   | 2.2 %  |
| Downward LOR | 97.8 % |

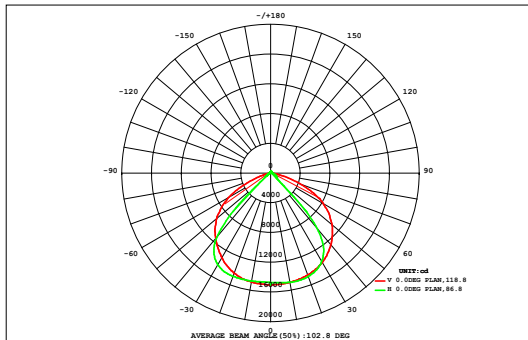
|                                           |         |
|-------------------------------------------|---------|
| Luminaire Efficiency (Light Output Ratio) | 100.0 % |
|-------------------------------------------|---------|

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Jason  
Test Date: 2025-07-30

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:

## LUMINAIRE PHOTOMETRIC TEST REPORT

|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:218.34V I:0.9240A P:198.95W PF:0.9861 Freq:49.99Hz Lamp Flux:33726.4x1 lm |       |                  |
| NAME:                                                                            | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                   | SUR.: | Shielding Angle: |



| DATA OF LAMP      |         | Eff:169.52lm/W   |           |
|-------------------|---------|------------------|-----------|
| MODEL             |         | Imax (cd)        | 15033     |
| NOMINAL POWER (W) | 200     | AVAILABILITY (%) | 93.8      |
| RATED VOLTAGE (V) | 220     | Avai. FLUX (lm)  | 31642     |
| NOMINAL FLUX (lm) | 33726.4 | LOR (%)          | 100.0     |
| LAMPS INSIDE      | 1       | TOTAL FLUX (lm)  | 33726     |
| TEST VOLTAGE (V)  | 220     | θ @50% (H,V)     | 119,87DEG |

| VERTICAL (DEG) | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |                  |      |      |      |      |      |      |      | UNIT:lm |      | Φ t   | Φ a   |
|----------------|-------------------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|---------|------|-------|-------|
|                | 0.23              | 0.69 | 1.15 | 1.56 | 1.80 | 2.13 | 2.41 | 2.59 | 2.63             | 2.58 | 2.44 | 2.21 | 1.90 | 1.59 | 1.45 | 1.21 | 0.83    | 0.31 | 29.7  | 0.00  |
| 90             | 0.23              | 0.69 | 1.15 | 1.56 | 1.80 | 2.13 | 2.41 | 2.59 | 2.63             | 2.58 | 2.44 | 2.21 | 1.90 | 1.59 | 1.45 | 1.21 | 0.83    | 0.31 | 29.7  | 0.00  |
| 80             | 0.26              | 1.08 | 2.66 | 4.42 | 4.52 | 5.27 | 6.48 | 7.37 | 7.78             | 7.67 | 7.05 | 6.00 | 4.67 | 3.46 | 2.62 | 1.70 | 0.95    | 0.32 | 74.3  | 0.00  |
| 70             | 0.32              | 2.08 | 6.91 | 12.4 | 10.9 | 9.94 | 12.4 | 14.3 | 15.2             | 15.0 | 13.9 | 11.8 | 9.21 | 8.09 | 6.66 | 3.15 | 1.22    | 0.34 | 154   | 0.00  |
| 60             | 0.41              | 3.93 | 14.8 | 26.8 | 24.7 | 15.8 | 21.5 | 30.9 | 31.1             | 30.0 | 28.8 | 20.2 | 14.6 | 18.8 | 16.1 | 6.92 | 1.74    | 0.36 | 308   | 61.8  |
| 50             | 0.53              | 6.65 | 25.9 | 47.0 | 49.0 | 61.2 | 150  | 202  | 207              | 204  | 193  | 138  | 53.8 | 40.1 | 32.6 | 13.7 | 2.72    | 0.39 | 1427  | 1363  |
| 40             | 0.68              | 9.96 | 39.0 | 71.5 | 103  | 232  | 330  | 378  | 399              | 395  | 366  | 312  | 214  | 88.5 | 54.9 | 23.1 | 4.19    | 0.43 | 3023  | 3007  |
| 30             | 0.82              | 13.4 | 52.9 | 99.3 | 188  | 308  | 384  | 424  | 442              | 438  | 412  | 364  | 287  | 167  | 80.6 | 34.2 | 5.95    | 0.46 | 3704  | 3693  |
|                | 0.95              | 16.6 | 66.3 | 130  | 235  | 329  | 395  | 433  | 448              | 443  | 421  | 378  | 307  | 212  | 108  | 45.2 | 7.62    | 0.49 | 3975  | 3966  |
|                | 1.03              | 19.0 | 77.6 | 157  | 250  | 333  | 395  | 434  | 450              | 444  | 427  | 381  | 310  | 226  | 132  | 54.3 | 8.87    | 0.52 | 4100  | 4092  |
|                | 1.04              | 19.0 | 77.7 | 156  | 249  | 331  | 394  | 432  | 447              | 451  | 433  | 383  | 309  | 221  | 131  | 54.4 | 8.88    | 0.52 | 4099  | 4091  |
|                | 0.95              | 16.7 | 66.5 | 129  | 228  | 323  | 389  | 429  | 449              | 452  | 432  | 381  | 303  | 196  | 106  | 45.4 | 7.66    | 0.50 | 3954  | 3945  |
|                | 0.83              | 13.5 | 53.3 | 99.5 | 178  | 296  | 371  | 414  | 435              | 435  | 413  | 362  | 271  | 139  | 80.7 | 34.5 | 6.00    | 0.47 | 3602  | 3591  |
| -30            | 0.68              | 10.1 | 39.4 | 72.4 | 97.1 | 212  | 306  | 353  | 373              | 371  | 346  | 283  | 156  | 74.7 | 55.9 | 23.5 | 4.25    | 0.44 | 2780  | 2765  |
| -40            | 0.54              | 6.75 | 26.3 | 48.1 | 50.5 | 51.8 | 126  | 165  | 156              | 147  | 135  | 80.4 | 32.5 | 41.8 | 33.6 | 14.0 | 2.79    | 0.40 | 1119  | 1026  |
| -50            | 0.42              | 4.03 | 15.2 | 27.9 | 26.7 | 18.4 | 23.2 | 30.0 | 31.0             | 28.0 | 25.8 | 21.9 | 17.3 | 20.6 | 16.9 | 7.18 | 1.82    | 0.37 | 317   | 41.7  |
| -60            | 0.33              | 2.18 | 7.23 | 13.3 | 12.6 | 12.2 | 15.0 | 17.0 | 17.9             | 17.7 | 16.5 | 14.2 | 11.1 | 9.30 | 7.19 | 3.37 | 1.30    | 0.35 | 179   | 0.00  |
| -70            | 0.28              | 1.18 | 2.94 | 5.00 | 5.54 | 6.54 | 7.87 | 8.77 | 9.08             | 8.89 | 8.23 | 7.04 | 5.54 | 4.15 | 3.06 | 1.93 | 1.04    | 0.33 | 87.4  | 0.00  |
| -80            | 0.24              | 0.78 | 1.41 | 2.06 | 2.57 | 2.99 | 3.29 | 3.42 | 3.38             | 3.31 | 3.21 | 2.99 | 2.65 | 2.26 | 1.89 | 1.44 | 0.92    | 0.32 | 39.1  | 0.00  |
| -90            | 0.24              | 0.78 | 1.41 | 2.06 | 2.57 | 2.99 | 3.29 | 3.42 | 3.38             | 3.31 | 3.21 | 2.99 | 2.65 | 2.26 | 1.89 | 1.44 | 0.92    | 0.32 | 39.1  | 0.00  |
|                | -90               | -80  | -70  | -60  | -50  | -40  | -30  | -20  | HORIZONTAL (DEG) | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90      |      |       |       |
| Φ t            | 10.5              | 148  | 577  | 1103 | 1717 | 2551 | 3332 | 3779 | 3925             | 3894 | 3683 | 3150 | 2310 | 1473 | 872  | 369  | 68.8    | 7.31 | 32969 | ---   |
| Φ a            | 0.00              | 93.2 | 527  | 1044 | 1640 | 2453 | 3235 | 3682 | 3819             | 3783 | 3580 | 3049 | 2212 | 1395 | 808  | 308  | 14.2    | 0.00 | ---   | 31642 |

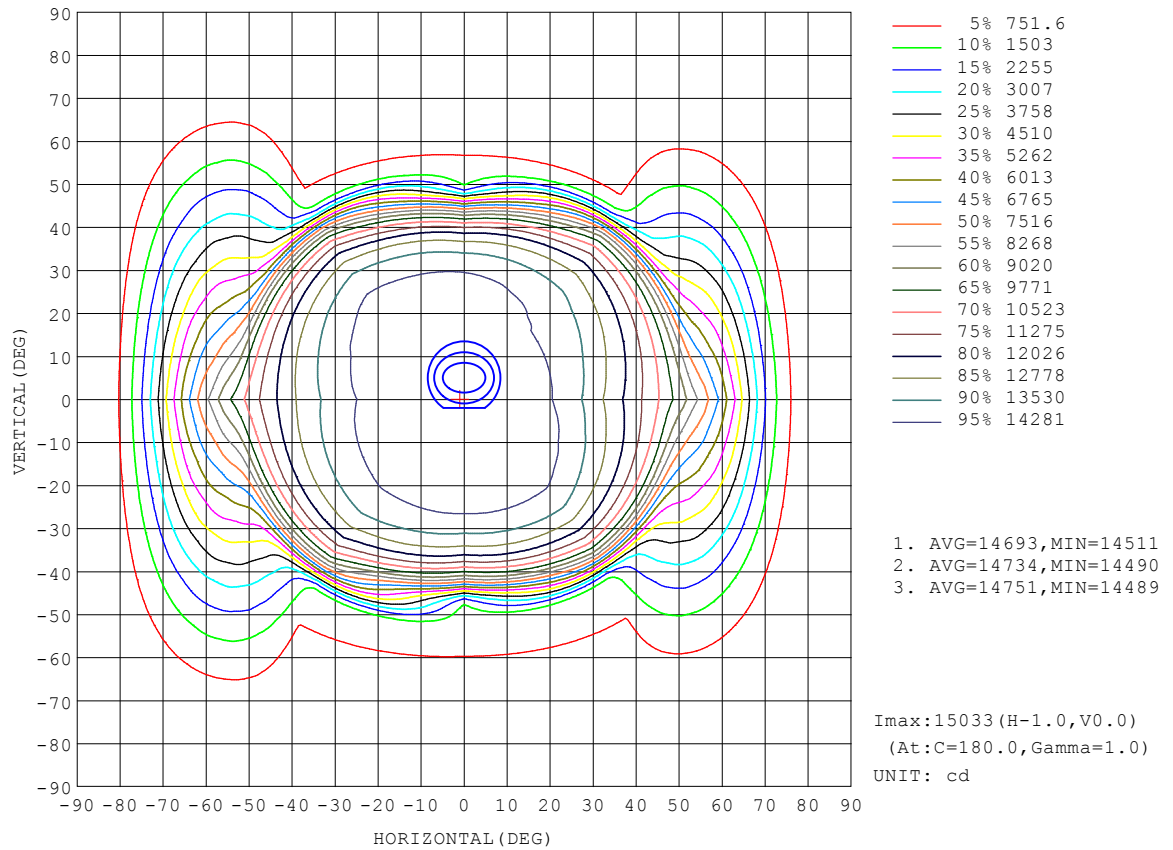
one-half-peak spread: U:26.5,D:24.4 , L:54.1,R:50.0 IESNA Beam Type: Type 7 x 5 (H x V)

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jason  
Test Date:2025-07-30

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:218.34V I:0.9240A P:198.95W PF:0.9861 Freq:49.99Hz Lamp Flux:33726.4x1 lm |       |                  |
| NAME:                                                                            | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                   | SUR.: | Shielding Angle: |

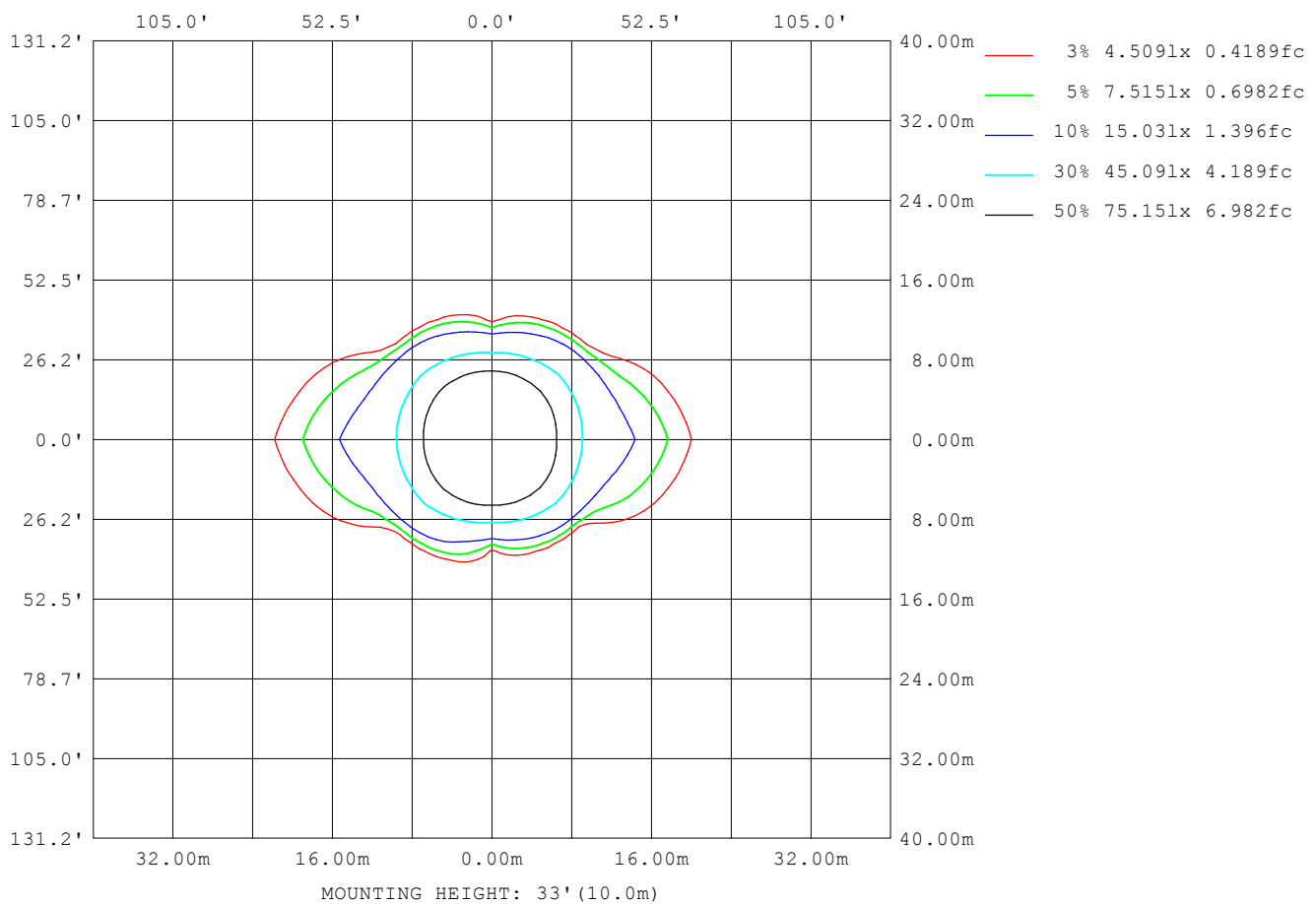


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jason  
Test Date:2025-07-30

$\gamma$  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

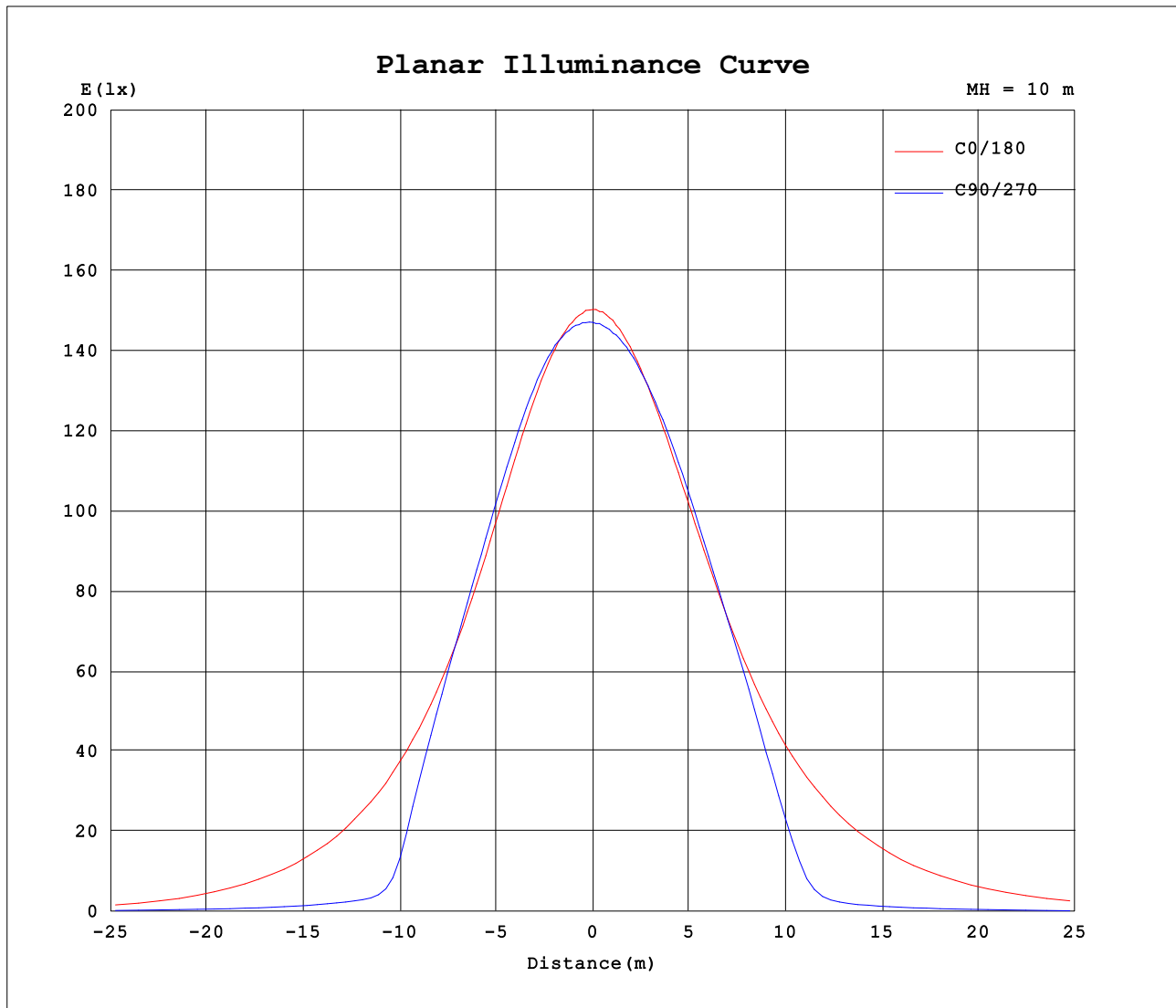
|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:218.34V I:0.9240A P:198.95W PF:0.9861 Freq:49.99Hz Lamp Flux:33726.4x1 lm |       |                  |
| NAME:                                                                            | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                   | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jason  
Test Date:2025-07-30

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

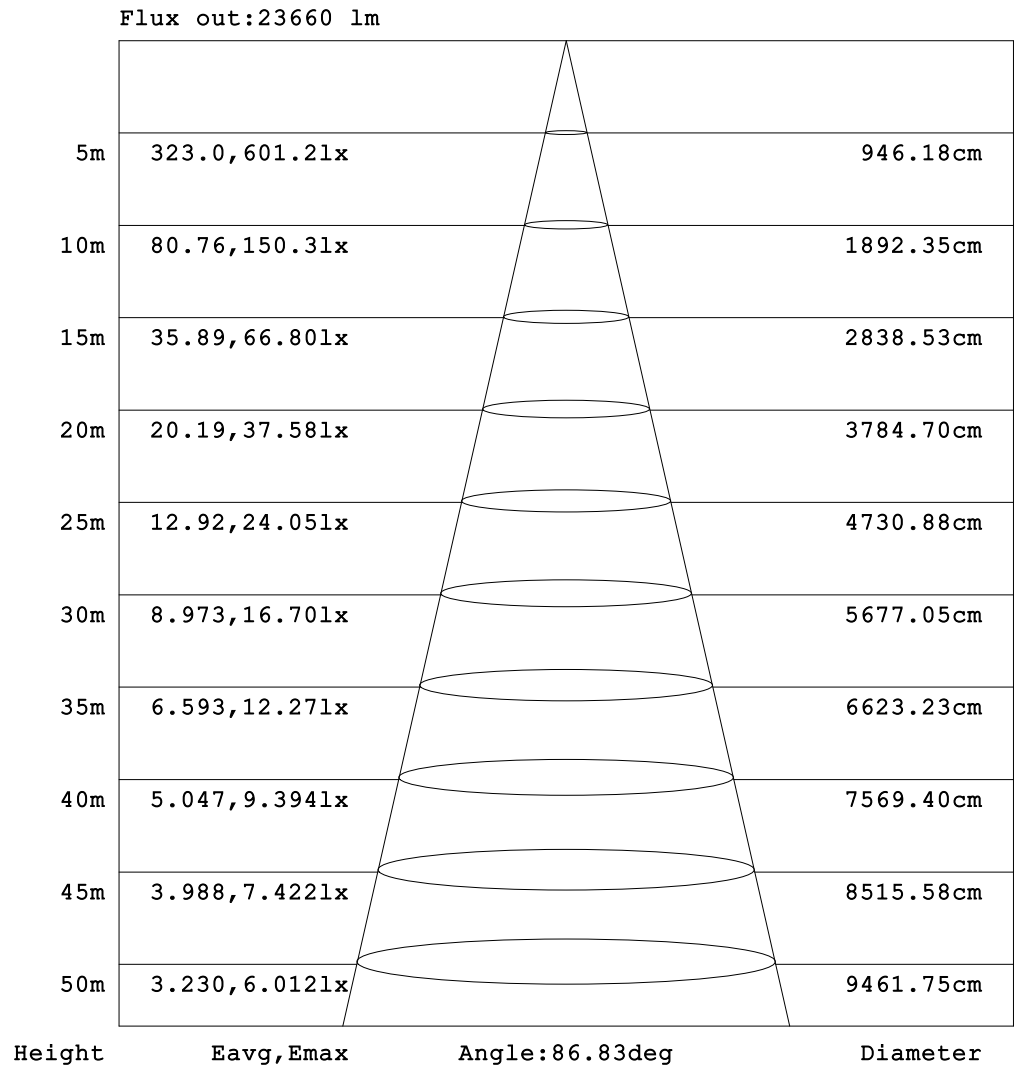


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Jason  
Test Date: 2025-07-30

$\gamma$  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:218.34V I:0.9240A P:198.95W PF:0.9861 Freq:49.99Hz Lamp Flux:33726.4x1 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: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jason  
Test Date:2025-07-30

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:218.34V I:0.9240A P:198.95W PF:0.9861 Freq:49.99Hz Lamp Flux:33726.4x1 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               | 8.31 | 6.83 | 7.37 | 8.22 | 9.24 | 10.3 | 11.5 | 12.7 | 13.9 | 15.0 | 16.1 | 17.3 | 18.5 | 19.7 | 20.8 | 21.7 | 22.3 | 22.8 | 23.0 |
| -170               | 8.31 | 6.85 | 7.39 | 8.18 | 9.13 | 10.1 | 11.2 | 12.3 | 13.3 | 14.3 | 15.2 | 16.3 | 17.3 | 18.4 | 19.3 | 19.9 | 20.3 | 21.1 | 21.5 |
| -160               | 8.31 | 6.87 | 7.36 | 8.08 | 8.92 | 9.78 | 10.7 | 11.6 | 12.5 | 13.3 | 14.0 | 14.8 | 15.6 | 16.4 | 17.0 | 17.9 | 18.6 | 19.2 | 19.5 |
| -150               | 8.31 | 6.88 | 7.31 | 7.91 | 8.61 | 9.34 | 10.1 | 10.8 | 11.5 | 12.1 | 12.7 | 13.1 | 13.6 | 14.2 | 15.0 | 15.9 | 16.5 | 17.0 | 17.2 |
| -140               | 8.31 | 6.89 | 7.24 | 7.72 | 8.27 | 8.85 | 9.39 | 9.93 | 10.4 | 10.9 | 11.3 | 11.6 | 11.9 | 12.4 | 12.8 | 13.3 | 13.7 | 14.0 | 14.2 |
| -130               | 8.31 | 6.90 | 7.18 | 7.54 | 7.94 | 8.36 | 8.76 | 9.12 | 9.44 | 9.73 | 9.97 | 10.3 | 10.6 | 10.9 | 11.2 | 11.4 | 11.6 | 11.8 | 11.8 |
| -120               | 8.31 | 7.02 | 7.14 | 7.39 | 7.66 | 7.94 | 8.20 | 8.45 | 8.65 | 8.81 | 8.92 | 9.06 | 9.21 | 9.36 | 9.49 | 9.62 | 9.70 | 9.74 | 9.73 |
| -110               | 8.31 | 7.29 | 7.14 | 7.33 | 7.52 | 7.70 | 7.86 | 8.01 | 8.12 | 8.22 | 8.19 | 8.14 | 8.08 | 8.05 | 8.03 | 7.99 | 7.94 | 7.87 | 7.77 |
| -100               | 8.31 | 7.77 | 7.49 | 7.46 | 7.58 | 7.74 | 7.89 | 8.03 | 8.14 | 8.23 | 8.09 | 7.91 | 7.72 | 7.54 | 7.36 | 7.19 | 7.01 | 6.84 | 6.67 |
| -90                | 8.31 | 8.42 | 8.53 | 8.64 | 8.75 | 8.86 | 8.97 | 9.08 | 9.20 | 9.31 | 9.16 | 9.01 | 8.87 | 8.72 | 8.57 | 8.42 | 8.28 | 8.13 | 7.98 |
| -80                | 8.31 | 9.31 | 10.3 | 11.4 | 12.7 | 14.2 | 15.5 | 16.5 | 16.9 | 16.2 | 16.6 | 17.0 | 17.3 | 17.4 | 17.5 | 17.5 | 17.2 | 16.8 | 16.3 |
| -70                | 8.31 | 10.3 | 13.3 | 18.6 | 26.6 | 34.4 | 42.2 | 47.0 | 46.2 | 37.7 | 34.7 | 37.3 | 39.5 | 41.2 | 42.6 | 43.6 | 44.2 | 44.4 | 44.0 |
| -60                | 8.31 | 11.5 | 19.0 | 34.6 | 56.1 | 82.1 | 103  | 115  | 110  | 87.4 | 56.4 | 60.9 | 64.7 | 67.8 | 70.5 | 72.5 | 73.9 | 74.5 | 74.3 |
| -50                | 8.31 | 13.0 | 28.6 | 59.8 | 107  | 156  | 198  | 217  | 212  | 177  | 120  | 85.0 | 92.7 | 113  | 165  | 218  | 223  | 180  | 112  |
| -40                | 8.31 | 14.9 | 40.1 | 95.1 | 173  | 254  | 314  | 347  | 345  | 310  | 274  | 477  | 766  | 856  | 916  | 972  | 1004 | 1005 | 977  |
| -30                | 8.31 | 17.0 | 53.2 | 135  | 246  | 358  | 448  | 496  | 508  | 588  | 907  | 1098 | 1212 | 1281 | 1322 | 1350 | 1368 | 1375 | 1373 |
| -20                | 8.31 | 18.9 | 66.2 | 172  | 319  | 462  | 583  | 652  | 727  | 990  | 1157 | 1262 | 1339 | 1392 | 1427 | 1447 | 1462 | 1474 | 1480 |
| -10                | 8.31 | 20.1 | 76.0 | 204  | 380  | 562  | 709  | 817  | 960  | 1128 | 1239 | 1321 | 1383 | 1426 | 1453 | 1469 | 1469 | 1479 | 1491 |
| 0                  | 8.31 | 20.6 | 81.0 | 223  | 422  | 638  | 815  | 963  | 1081 | 1176 | 1262 | 1332 | 1389 | 1428 | 1457 | 1478 | 1491 | 1500 | 1503 |
| 10                 | 8.31 | 20.0 | 75.9 | 204  | 379  | 560  | 708  | 817  | 982  | 1145 | 1256 | 1338 | 1399 | 1439 | 1462 | 1475 | 1483 | 1480 | 1475 |
| 20                 | 8.31 | 18.7 | 65.9 | 171  | 317  | 459  | 580  | 649  | 754  | 1030 | 1192 | 1300 | 1375 | 1426 | 1455 | 1468 | 1475 | 1478 | 1480 |
| 30                 | 8.31 | 16.8 | 52.7 | 134  | 245  | 355  | 444  | 491  | 506  | 646  | 972  | 1158 | 1274 | 1346 | 1381 | 1404 | 1417 | 1424 | 1423 |
| 40                 | 8.31 | 14.6 | 39.5 | 94.0 | 171  | 250  | 309  | 341  | 339  | 304  | 321  | 589  | 862  | 974  | 1048 | 1098 | 1130 | 1139 | 1122 |
| 50                 | 8.31 | 12.7 | 28.0 | 58.6 | 105  | 153  | 193  | 211  | 204  | 168  | 109  | 75.8 | 87.8 | 140  | 206  | 267  | 267  | 220  | 142  |
| 60                 | 8.31 | 11.1 | 18.3 | 33.4 | 54.3 | 79.4 | 99.3 | 109  | 103  | 78.8 | 46.1 | 50.2 | 54.2 | 57.5 | 60.3 | 62.6 | 64.0 | 64.7 | 64.5 |
| 70                 | 8.31 | 9.95 | 12.5 | 17.4 | 24.9 | 32.1 | 39.2 | 43.3 | 41.4 | 31.5 | 27.5 | 29.9 | 32.0 | 33.7 | 35.1 | 36.1 | 36.8 | 37.1 | 36.9 |
| 80                 | 8.31 | 8.92 | 9.54 | 10.2 | 11.1 | 12.2 | 13.1 | 13.6 | 13.5 | 12.1 | 12.6 | 13.2 | 13.8 | 14.2 | 14.5 | 14.7 | 14.8 | 14.8 | 14.6 |
| 90                 | 8.31 | 8.03 | 7.75 | 7.48 | 7.20 | 6.92 | 6.64 | 6.37 | 6.09 | 5.81 | 5.75 | 5.69 | 5.62 | 5.56 | 5.49 | 5.43 | 5.36 | 5.30 | 5.24 |
| 100                | 8.31 | 7.39 | 6.72 | 6.33 | 6.16 | 6.08 | 6.01 | 5.96 | 5.91 | 5.86 | 5.90 | 5.94 | 5.98 | 6.00 | 6.02 | 6.03 | 6.03 | 6.02 | 6.00 |
| 110                | 8.31 | 6.92 | 6.46 | 6.45 | 6.49 | 6.56 | 6.65 | 6.75 | 6.84 | 6.92 | 7.05 | 7.22 | 7.38 | 7.51 | 7.63 | 7.72 | 7.79 | 7.83 | 7.84 |
| 120                | 8.31 | 6.68 | 6.59 | 6.72 | 6.92 | 7.17 | 7.43 | 7.69 | 7.93 | 8.13 | 8.32 | 8.62 | 8.87 | 9.10 | 9.28 | 9.42 | 9.51 | 9.57 | 9.58 |
| 130                | 8.31 | 6.62 | 6.75 | 7.03 | 7.41 | 7.84 | 8.28 | 8.70 | 9.08 | 9.41 | 9.66 | 9.94 | 10.3 | 10.6 | 10.9 | 11.1 | 11.3 | 11.5 | 11.5 |
| 140                | 8.31 | 6.67 | 6.91 | 7.36 | 7.90 | 8.52 | 9.11 | 9.70 | 10.2 | 10.7 | 11.0 | 11.4 | 11.9 | 12.6 | 13.2 | 13.9 | 14.4 | 14.7 | 15.0 |
| 150                | 8.31 | 6.72 | 7.08 | 7.65 | 8.38 | 9.14 | 9.91 | 10.7 | 11.3 | 12.0 | 12.6 | 13.3 | 13.8 | 14.4 | 15.2 | 15.9 | 16.4 | 16.8 | 17.0 |
| 160                | 8.31 | 6.76 | 7.21 | 7.92 | 8.78 | 9.66 | 10.6 | 11.5 | 12.4 | 13.3 | 14.1 | 14.9 | 15.7 | 16.4 | 17.1 | 18.0 | 18.7 | 19.2 | 19.2 |
| 170                | 8.31 | 6.80 | 7.31 | 8.11 | 9.07 | 10.1 | 11.2 | 12.2 | 13.3 | 14.3 | 15.3 | 16.3 | 17.3 | 18.4 | 19.5 | 20.4 | 21.2 | 21.9 | 22.3 |
| 180                | 8.31 | 6.83 | 7.37 | 8.22 | 9.24 | 10.3 | 11.5 | 12.7 | 13.9 | 15.0 | 16.1 | 17.3 | 18.5 | 19.7 | 20.8 | 21.7 | 22.3 | 22.8 | 22.8 |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jason  
Test Date:2025-07-30

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:218.34V I:0.9240A P:198.95W PF:0.9861 Freq:49.99Hz Lamp Flux:33726.4x1 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               | 22.7 | 22.4 | 21.7 | 20.9 | 20.0 | 18.9 | 17.8 | 16.3 | 14.9 | 13.8 | 13.2 | 12.6 | 12.0 | 11.4 | 11.0 | 10.9 | 11.4 | 12.4 |  |
| -170               | 22.0 | 22.1 | 21.4 | 20.5 | 19.6 | 18.7 | 17.6 | 16.3 | 15.0 | 14.0 | 13.2 | 12.5 | 11.8 | 11.3 | 10.9 | 10.8 | 11.3 | 12.4 |  |
| -160               | 19.8 | 19.9 | 19.7 | 19.4 | 18.7 | 17.9 | 17.0 | 15.9 | 14.8 | 13.7 | 12.9 | 12.2 | 11.6 | 11.1 | 10.7 | 10.8 | 11.3 | 12.4 |  |
| -150               | 17.5 | 17.7 | 17.7 | 17.6 | 17.5 | 17.0 | 16.2 | 15.2 | 14.1 | 13.2 | 12.4 | 11.8 | 11.2 | 10.8 | 10.6 | 10.7 | 11.3 | 12.4 |  |
| -140               | 14.6 | 15.0 | 15.2 | 15.4 | 15.5 | 15.4 | 14.8 | 13.8 | 13.0 | 12.3 | 11.7 | 11.2 | 10.8 | 10.5 | 10.4 | 10.7 | 11.3 | 12.4 |  |
| -130               | 12.3 | 12.6 | 12.9 | 13.0 | 12.9 | 12.8 | 12.5 | 12.1 | 11.6 | 11.2 | 10.8 | 10.5 | 10.3 | 10.2 | 10.3 | 10.7 | 11.4 | 12.4 |  |
| -120               | 10.0 | 10.3 | 10.4 | 10.5 | 10.6 | 10.6 | 10.5 | 10.5 | 10.3 | 10.1 | 9.97 | 9.88 | 9.89 | 10.0 | 10.3 | 10.8 | 11.5 | 12.4 |  |
| -110               | 8.03 | 8.25 | 8.45 | 8.61 | 8.75 | 8.87 | 8.97 | 9.07 | 9.13 | 9.19 | 9.29 | 9.46 | 9.69 | 10.0 | 10.5 | 11.0 | 11.6 | 12.4 |  |
| -100               | 6.89 | 7.11 | 7.33 | 7.55 | 7.76 | 7.96 | 8.14 | 8.32 | 8.50 | 8.79 | 9.11 | 9.47 | 9.86 | 10.3 | 10.8 | 11.3 | 11.8 | 12.4 |  |
| -90                | 8.10 | 8.21 | 8.33 | 8.45 | 8.56 | 8.68 | 8.80 | 8.91 | 9.03 | 9.41 | 9.78 | 10.2 | 10.5 | 10.9 | 11.3 | 11.7 | 12.0 | 12.4 |  |
| -80                | 16.4 | 16.3 | 16.0 | 15.7 | 15.2 | 14.7 | 14.1 | 13.6 | 13.0 | 12.9 | 12.8 | 12.6 | 12.4 | 12.2 | 12.1 | 12.2 | 12.3 | 12.4 |  |
| -70                | 43.7 | 43.0 | 41.8 | 40.2 | 38.1 | 35.5 | 32.5 | 29.3 | 28.0 | 27.7 | 25.0 | 21.4 | 18.2 | 16.0 | 14.2 | 13.1 | 12.6 | 12.4 |  |
| -60                | 74.0 | 72.8 | 70.9 | 68.3 | 65.1 | 61.1 | 56.4 | 51.1 | 64.8 | 70.1 | 64.0 | 50.6 | 35.7 | 24.4 | 18.1 | 14.7 | 12.9 | 12.4 |  |
| -50                | 131  | 133  | 119  | 103  | 94.8 | 88.0 | 80.9 | 106  | 143  | 153  | 140  | 111  | 75.9 | 44.2 | 24.8 | 16.9 | 13.4 | 12.4 |  |
| -40                | 995  | 980  | 930  | 841  | 714  | 474  | 205  | 221  | 263  | 278  | 256  | 203  | 137  | 77.8 | 36.7 | 19.5 | 14.0 | 12.4 |  |
| -30                | 1374 | 1362 | 1338 | 1296 | 1237 | 1135 | 967  | 651  | 432  | 428  | 396  | 320  | 217  | 122  | 52.7 | 22.6 | 14.5 | 12.4 |  |
| -20                | 1479 | 1471 | 1455 | 1424 | 1366 | 1286 | 1182 | 1041 | 784  | 596  | 538  | 442  | 303  | 167  | 70.9 | 26.0 | 15.0 | 12.4 |  |
| -10                | 1492 | 1493 | 1479 | 1447 | 1396 | 1326 | 1240 | 1138 | 997  | 797  | 685  | 556  | 381  | 206  | 85.7 | 28.7 | 15.4 | 12.4 |  |
| 0                  | 1498 | 1490 | 1470 | 1434 | 1383 | 1314 | 1235 | 1151 | 1059 | 948  | 808  | 647  | 435  | 230  | 93.6 | 29.9 | 15.6 | 12.4 |  |
| 10                 | 1459 | 1445 | 1443 | 1421 | 1382 | 1322 | 1246 | 1153 | 1037 | 863  | 685  | 554  | 380  | 205  | 85.5 | 28.5 | 15.3 | 12.4 |  |
| 20                 | 1464 | 1447 | 1427 | 1402 | 1357 | 1294 | 1208 | 1096 | 929  | 647  | 534  | 439  | 301  | 165  | 70.4 | 25.7 | 14.9 | 12.4 |  |
| 30                 | 1410 | 1389 | 1362 | 1323 | 1274 | 1193 | 1075 | 890  | 555  | 425  | 391  | 316  | 215  | 121  | 52.1 | 22.2 | 14.4 | 12.4 |  |
| 40                 | 1126 | 1104 | 1059 | 1000 | 921  | 806  | 514  | 275  | 255  | 271  | 251  | 199  | 135  | 76.5 | 36.0 | 19.0 | 13.7 | 12.4 |  |
| 50                 | 210  | 246  | 238  | 182  | 126  | 81.5 | 69.7 | 94.6 | 134  | 146  | 135  | 107  | 73.7 | 43.0 | 24.0 | 16.4 | 13.1 | 12.4 |  |
| 60                 | 64.0 | 62.8 | 60.8 | 58.1 | 54.8 | 51.2 | 47.0 | 42.5 | 57.8 | 64.4 | 60.2 | 48.1 | 34.1 | 23.1 | 17.2 | 14.0 | 12.6 | 12.4 |  |
| 70                 | 36.6 | 36.0 | 34.9 | 33.5 | 31.8 | 29.7 | 27.3 | 24.8 | 24.2 | 24.8 | 22.5 | 19.3 | 16.5 | 14.7 | 13.2 | 12.4 | 12.2 | 12.4 |  |
| 80                 | 14.4 | 14.1 | 13.7 | 13.2 | 12.5 | 11.9 | 11.2 | 10.4 | 9.78 | 10.1 | 10.3 | 10.4 | 10.6 | 10.8 | 11.1 | 11.5 | 11.9 | 12.4 |  |
| 90                 | 5.31 | 5.39 | 5.46 | 5.54 | 5.61 | 5.69 | 5.77 | 5.84 | 5.92 | 6.64 | 7.36 | 8.09 | 8.81 | 9.53 | 10.3 | 11.0 | 11.7 | 12.4 |  |
| 100                | 6.15 | 6.28 | 6.40 | 6.50 | 6.60 | 6.68 | 6.76 | 6.83 | 6.91 | 7.29 | 7.72 | 8.20 | 8.72 | 9.30 | 9.95 | 10.7 | 11.5 | 12.4 |  |
| 110                | 8.01 | 8.14 | 8.23 | 8.30 | 8.34 | 8.32 | 8.29 | 8.24 | 8.20 | 8.31 | 8.45 | 8.65 | 8.94 | 9.33 | 9.85 | 10.5 | 11.4 | 12.4 |  |
| 120                | 9.88 | 10.1 | 10.3 | 10.4 | 10.4 | 10.3 | 10.2 | 9.94 | 9.71 | 9.52 | 9.40 | 9.33 | 9.36 | 9.53 | 9.87 | 10.4 | 11.3 | 12.4 |  |
| 130                | 11.9 | 12.2 | 12.5 | 12.6 | 12.7 | 12.7 | 12.5 | 12.0 | 11.4 | 10.9 | 10.4 | 10.1 | 9.92 | 9.85 | 10.0 | 10.4 | 11.2 | 12.4 |  |
| 140                | 15.2 | 15.3 | 15.3 | 15.2 | 15.0 | 14.8 | 14.4 | 13.7 | 13.0 | 12.2 | 11.5 | 10.9 | 10.5 | 10.2 | 10.2 | 10.5 | 11.2 | 12.4 |  |
| 150                | 17.2 | 17.3 | 17.2 | 17.1 | 16.8 | 16.3 | 15.5 | 14.7 | 13.9 | 13.2 | 12.4 | 11.6 | 11.0 | 10.6 | 10.4 | 10.6 | 11.2 | 12.4 |  |
| 160                | 19.5 | 19.4 | 19.2 | 18.8 | 18.1 | 17.4 | 16.5 | 15.5 | 14.5 | 13.6 | 12.9 | 12.2 | 11.5 | 10.9 | 10.6 | 10.7 | 11.2 | 12.4 |  |
| 170                | 21.9 | 21.5 | 20.9 | 20.2 | 19.3 | 18.4 | 17.4 | 16.1 | 14.9 | 13.9 | 13.2 | 12.5 | 11.8 | 11.2 | 10.8 | 10.8 | 11.3 | 12.4 |  |
| 180                | 22.7 | 22.4 | 21.7 | 20.9 | 20.0 | 18.9 | 17.8 | 16.3 | 14.9 | 13.8 | 13.2 | 12.6 | 12.0 | 11.4 | 11.0 | 10.9 | 11.4 | 12.4 |  |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jason  
Test Date:2025-07-30

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: