

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

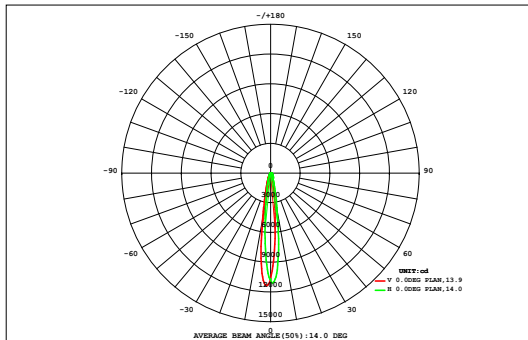
|                                           |                |                        |
|-------------------------------------------|----------------|------------------------|
| Maximum Intensity                         |                | 7235.2 cd per klm.     |
| (Luminaire orientation as tested.)        |                | 0.0 degrees vertical   |
|                                           |                | 2.0 degrees horizontal |
| Beam Spread                               | At 10% of Imax | 35.0V x 34.7H          |
|                                           | At 50% of Imax | 14.0V x 13.9H          |
|                                           | At 90% of Imax | 5.4V x 5.4H            |
| Beam Flux                                 | Total          | 1001.0 lumens per klm. |
|                                           | To 10% of Imax | 609.0 lumens per klm.  |
|                                           | To 50% of Imax | 249.5 lumens per klm.  |
|                                           | To 90% of Imax | 56.9 lumens per klm.   |
|                                           | Upward LOR     | 0.9 %                  |
|                                           | Downward LOR   | 99.2 %                 |
| Luminaire Efficiency (Light Output Ratio) |                | 100.0 %                |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 20DEG  
Operators: 01  
Test Date: 2025-08-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 7.700m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

|                                                                                   |            |                  |
|-----------------------------------------------------------------------------------|------------|------------------|
| Test:U:219.97V I:0.0820A P:17.800W PF:0.9000 Freq:49.99Hz Lamp Flux:130.967x12 lm |            |                  |
| NAME:LuminoFlex Ground-500mm-3000K-15D-REV2                                       | TYPE:3000K | WEIGHT:00        |
| SPEC.:15 DEG                                                                      | DIM.:500mm | SERIAL No.:01    |
| MFR.: 001                                                                         | SUR.:0.8   | Shielding Angle: |



| DATA OF LAMP     |         | Eff:88.29lm/W   |          |
|------------------|---------|-----------------|----------|
| MODEL            |         | Imax(cd)        | 11371    |
| NOMINAL POWER(W) | 18      | AVAILABILITY(%) | 60.6     |
| RATED VOLTAGE(V) | 220     | Avai. FLUX(lm)  | 951.7    |
| NOMINAL FLUX(lm) | 130.967 | LOR(%)          | 100.0    |
| LAMPS INSIDE     | 12      | TOTAL FLUX(lm)  | 1572     |
| TEST VOLTAGE(V)  | 220     | θ @50% (H,V)    | 14,14DEG |

| VERTICAL( DEG ) | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |                   |      |      |      |      |      |      |      | UNIT:lm |      | Φ t  | Φ a  |
|-----------------|-------------------|------|------|------|------|------|------|------|-------------------|------|------|------|------|------|------|------|---------|------|------|------|
|                 | 0.45              | 0.56 | 0.67 | 0.80 | 0.92 | 1.02 | 1.11 | 1.19 | 1.23              | 1.25 | 1.24 | 1.20 | 1.13 | 1.03 | 0.92 | 0.80 | 0.68    | 0.57 | 16.8 | 0.00 |
| 27              | 0.52              | 0.65 | 0.80 | 0.96 | 1.12 | 1.28 | 1.42 | 1.54 | 1.61              | 1.64 | 1.63 | 1.55 | 1.44 | 1.29 | 1.12 | 0.96 | 0.81    | 0.66 | 21.0 | 0.00 |
| 24              | 0.60              | 0.76 | 0.94 | 1.15 | 1.37 | 1.61 | 1.84 | 2.04 | 2.17              | 2.22 | 2.18 | 2.05 | 1.86 | 1.61 | 1.38 | 1.16 | 0.95    | 0.77 | 26.7 | 0.00 |
| 21              | 0.68              | 0.87 | 1.10 | 1.37 | 1.68 | 2.04 | 2.42 | 2.78 | 3.03              | 3.12 | 3.03 | 2.78 | 2.42 | 2.04 | 1.68 | 1.38 | 1.12    | 0.90 | 34.4 | 4.82 |
| 18              | 0.76              | 0.99 | 1.27 | 1.61 | 2.05 | 2.60 | 3.24 | 3.87 | 4.33              | 4.51 | 4.34 | 3.85 | 3.19 | 2.57 | 2.04 | 1.63 | 1.30    | 1.04 | 45.2 | 25.4 |
| 15              | 0.84              | 1.10 | 1.43 | 1.87 | 2.46 | 3.28 | 4.38 | 5.64 | 6.66              | 7.10 | 6.70 | 5.45 | 4.19 | 3.23 | 2.46 | 1.92 | 1.51    | 1.18 | 61.4 | 44.7 |
| 12              | 0.91              | 1.20 | 1.59 | 2.13 | 2.89 | 4.03 | 5.86 | 8.47 | 10.9              | 11.9 | 10.6 | 7.87 | 5.48 | 3.99 | 3.03 | 2.28 | 1.73    | 1.32 | 86.2 | 72.3 |
| 9               | 0.95              | 1.27 | 1.72 | 2.36 | 3.31 | 4.83 | 7.49 | 12.2 | 17.8              | 20.0 | 16.5 | 11.2 | 7.56 | 5.17 | 3.65 | 2.63 | 1.94    | 1.45 | 122  | 109  |
|                 | 0.97              | 1.30 | 1.79 | 2.49 | 3.58 | 5.49 | 9.12 | 15.6 | 24.1              | 27.9 | 24.1 | 17.3 | 10.5 | 6.40 | 4.22 | 2.93 | 2.11    | 1.55 | 162  | 150  |
|                 | 0.99              | 1.34 | 1.84 | 2.60 | 3.85 | 6.23 | 11.0 | 19.7 | 28.1              | 30.1 | 27.6 | 19.6 | 11.5 | 6.81 | 4.38 | 3.01 | 2.15    | 1.57 | 182  | 171  |
|                 | 1.01              | 1.37 | 1.88 | 2.67 | 3.98 | 6.54 | 11.2 | 17.9 | 23.6              | 25.3 | 22.3 | 16.0 | 9.93 | 6.16 | 4.07 | 2.85 | 2.06    | 1.52 | 160  | 149  |
|                 | 1.01              | 1.35 | 1.83 | 2.55 | 3.70 | 5.48 | 8.30 | 12.0 | 15.7              | 16.8 | 14.5 | 10.8 | 7.62 | 5.12 | 3.59 | 2.59 | 1.92    | 1.44 | 116  | 104  |
| -9              | 0.97              | 1.28 | 1.71 | 2.29 | 3.09 | 4.18 | 5.64 | 7.52 | 9.34              | 9.81 | 8.65 | 6.97 | 5.35 | 4.02 | 3.02 | 2.28 | 1.73    | 1.32 | 79.2 | 65.1 |
| -12             | 0.91              | 1.19 | 1.52 | 1.94 | 2.49 | 3.19 | 3.97 | 4.88 | 5.67              | 5.87 | 5.41 | 4.65 | 3.86 | 3.11 | 2.46 | 1.94 | 1.53    | 1.19 | 55.8 | 38.7 |
| -15             | 0.83              | 1.05 | 1.31 | 1.62 | 1.99 | 2.43 | 2.93 | 3.39 | 3.73              | 3.83 | 3.65 | 3.30 | 2.86 | 2.41 | 1.99 | 1.62 | 1.32    | 1.05 | 41.3 | 17.7 |
| -18             | 0.73              | 0.91 | 1.12 | 1.34 | 1.60 | 1.88 | 2.17 | 2.44 | 2.62              | 2.68 | 2.60 | 2.41 | 2.16 | 1.88 | 1.61 | 1.35 | 1.12    | 0.91 | 31.5 | 0.00 |
| -21             | 0.63              | 0.78 | 0.94 | 1.12 | 1.30 | 1.48 | 1.67 | 1.82 | 1.93              | 1.96 | 1.92 | 1.82 | 1.67 | 1.49 | 1.31 | 1.13 | 0.95    | 0.78 | 24.7 | 0.00 |
| -24             | 0.54              | 0.66 | 0.79 | 0.92 | 1.06 | 1.19 | 1.31 | 1.40 | 1.47              | 1.49 | 1.47 | 1.41 | 1.32 | 1.20 | 1.08 | 0.94 | 0.79    | 0.66 | 19.7 | 0.00 |
| -27             | -27               | -24  | -21  | -18  | -15  | -12  | -9   | -6   | HORIZONTAL( DEG ) | 6    | 9    | 12   | 15   | 18   | 21   | 24   | 27      |      |      |      |
| Φ t             | 14.3              | 18.6 | 24.3 | 31.8 | 42.4 | 58.8 | 85.1 | 124  | 164               | 177  | 158  | 120  | 84.1 | 59.5 | 44.0 | 33.4 | 25.7    | 19.9 | 1286 | ---  |
| Φ a             | 0.00              | 0.00 | 0.00 | 0.67 | 21.0 | 41.3 | 70.0 | 111  | 151               | 165  | 145  | 106  | 69.0 | 42.1 | 23.5 | 5.26 | 0.00    | 0.00 | ---  | 952  |

one-half-peak spread: U:7.1,D:7.0 , L:6.9,R:7.1

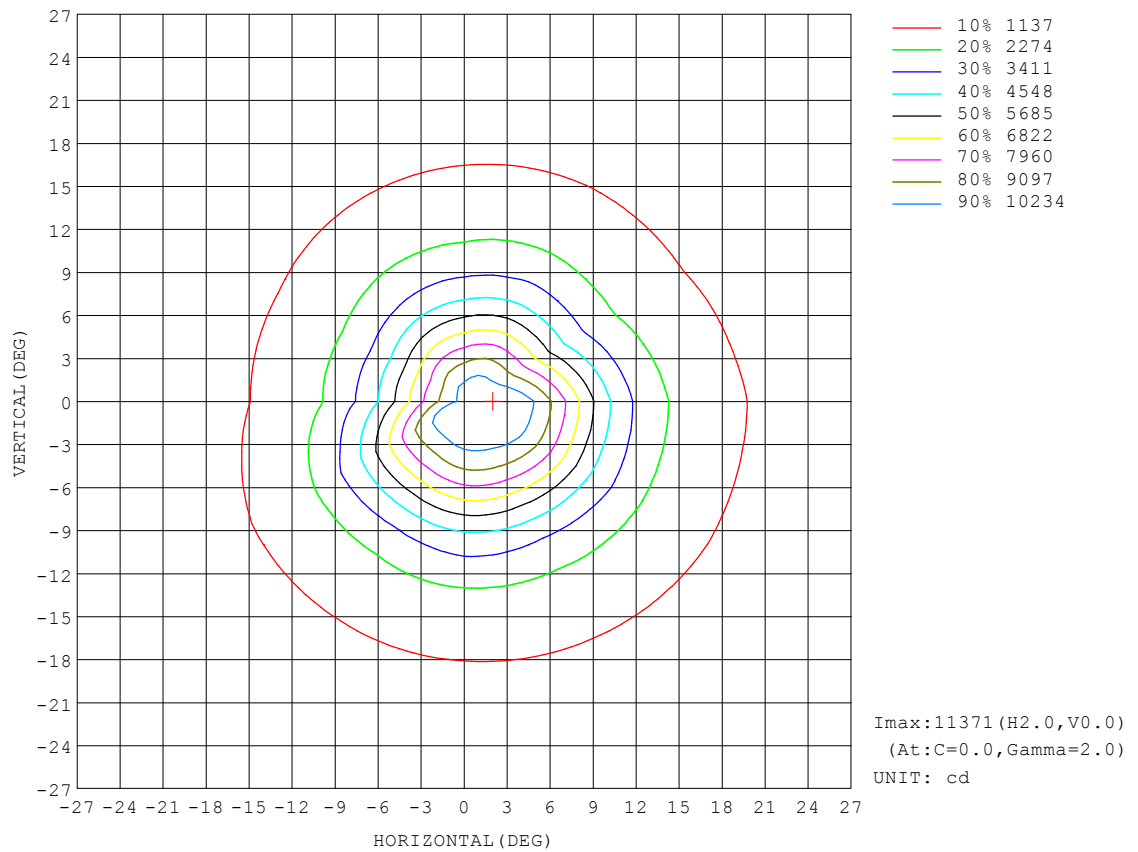
NEMA Beam Type: Type 3

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

|                                                                                   |            |                  |
|-----------------------------------------------------------------------------------|------------|------------------|
| Test:U:219.97V I:0.0820A P:17.800W PF:0.9000 Freq:49.99Hz Lamp Flux:130.967x12 lm |            |                  |
| NAME:LuminoFlex Ground-500mm-3000K-15D-REV2                                       | TYPE:3000K | WEIGHT:00        |
| SPEC.:15 DEG                                                                      | DIM.:500mm | SERIAL No.:01    |
| MFR.: 001                                                                         | SUR.:0.8   | Shielding Angle: |

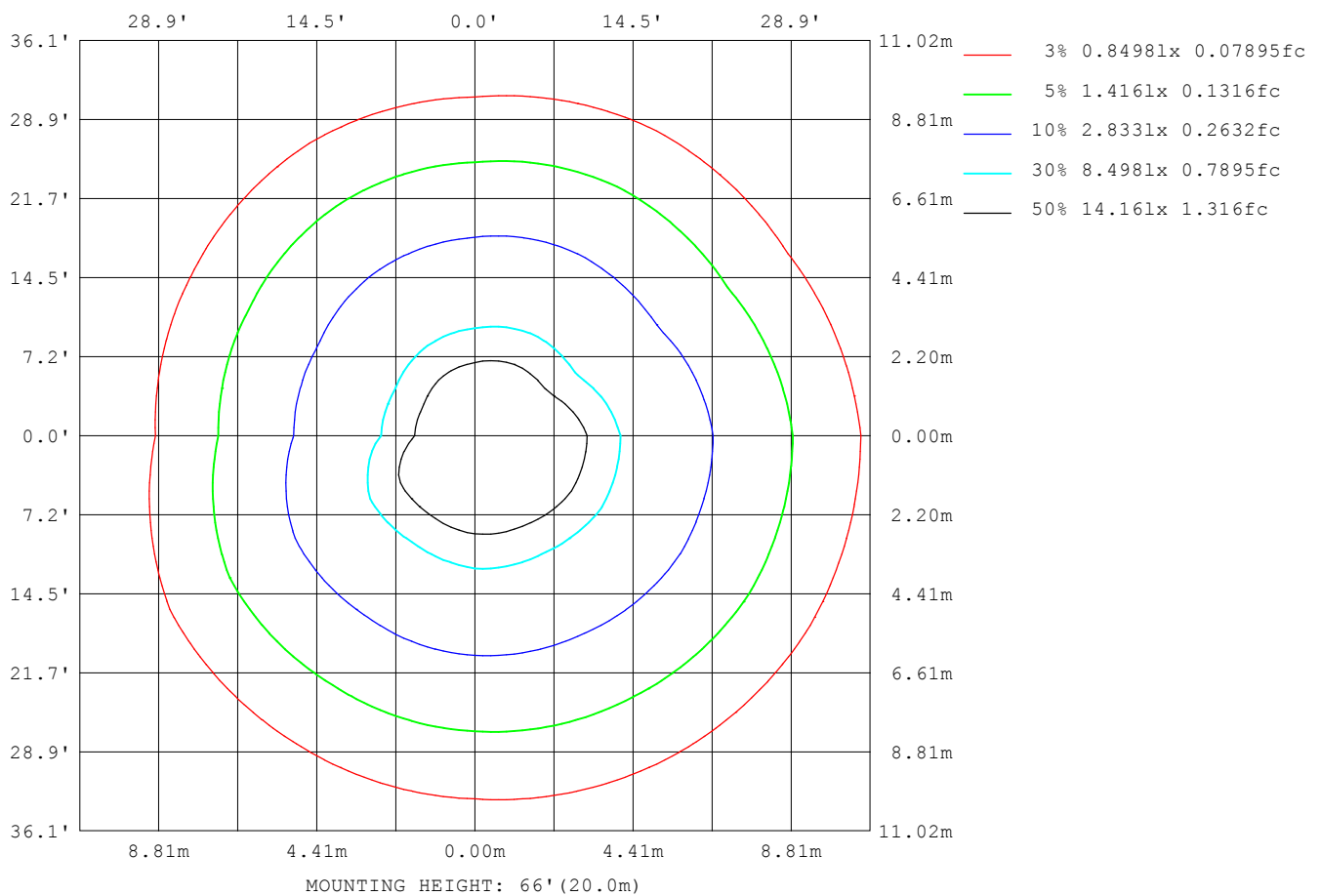


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

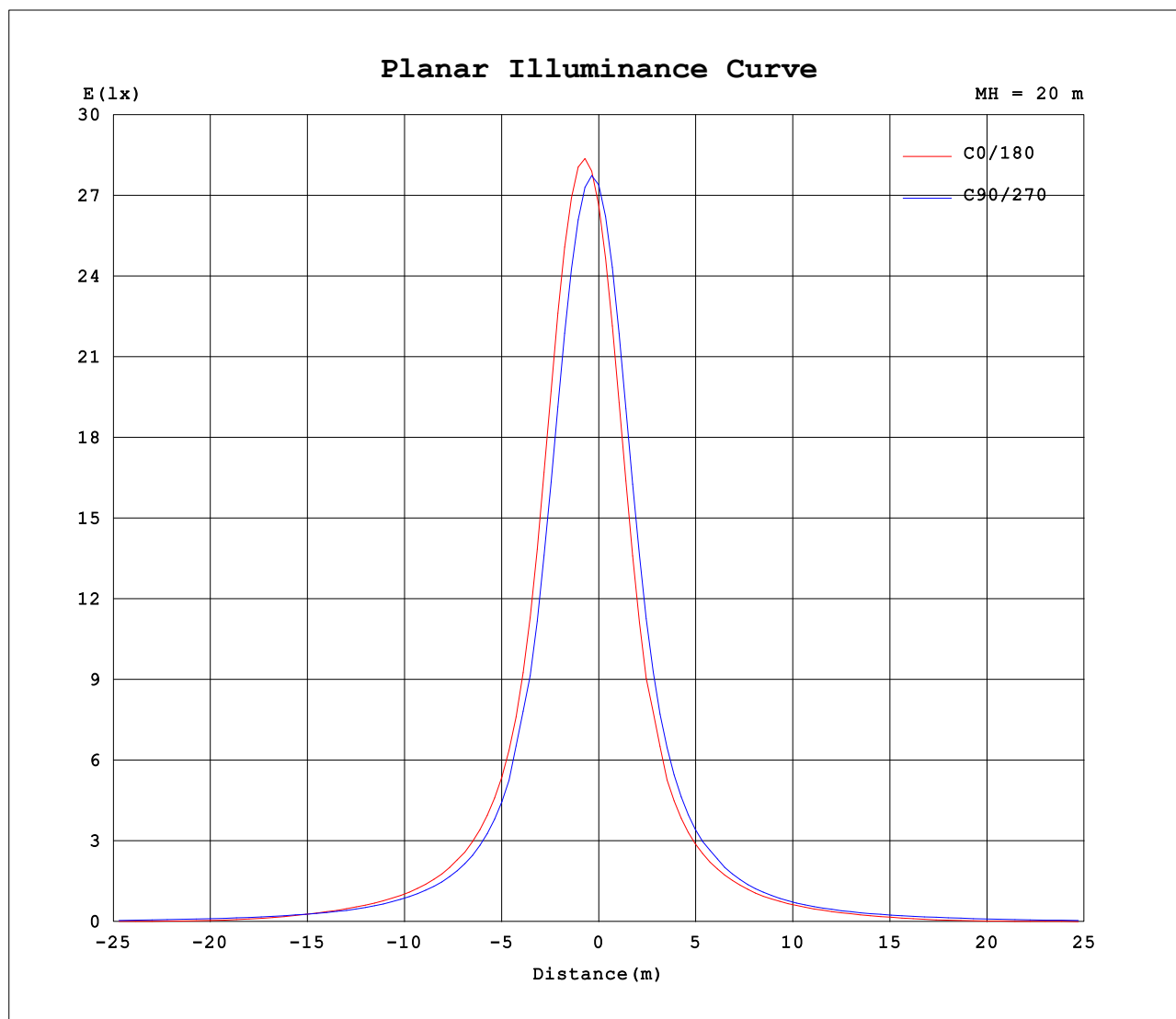
|                                                                                   |            |                  |
|-----------------------------------------------------------------------------------|------------|------------------|
| Test:U:219.97V I:0.0820A P:17.800W PF:0.9000 Freq:49.99Hz Lamp Flux:130.967x12 lm |            |                  |
| NAME:LuminoFlex Ground-500mm-3000K-15D-REV2                                       | TYPE:3000K | WEIGHT:00        |
| SPEC.:15 DEG                                                                      | DIM.:500mm | SERIAL No.:01    |
| MFR.: 001                                                                         | SUR.:0.8   | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [K=1.0000]  
Remarks:

## Planar Illuminance Curve

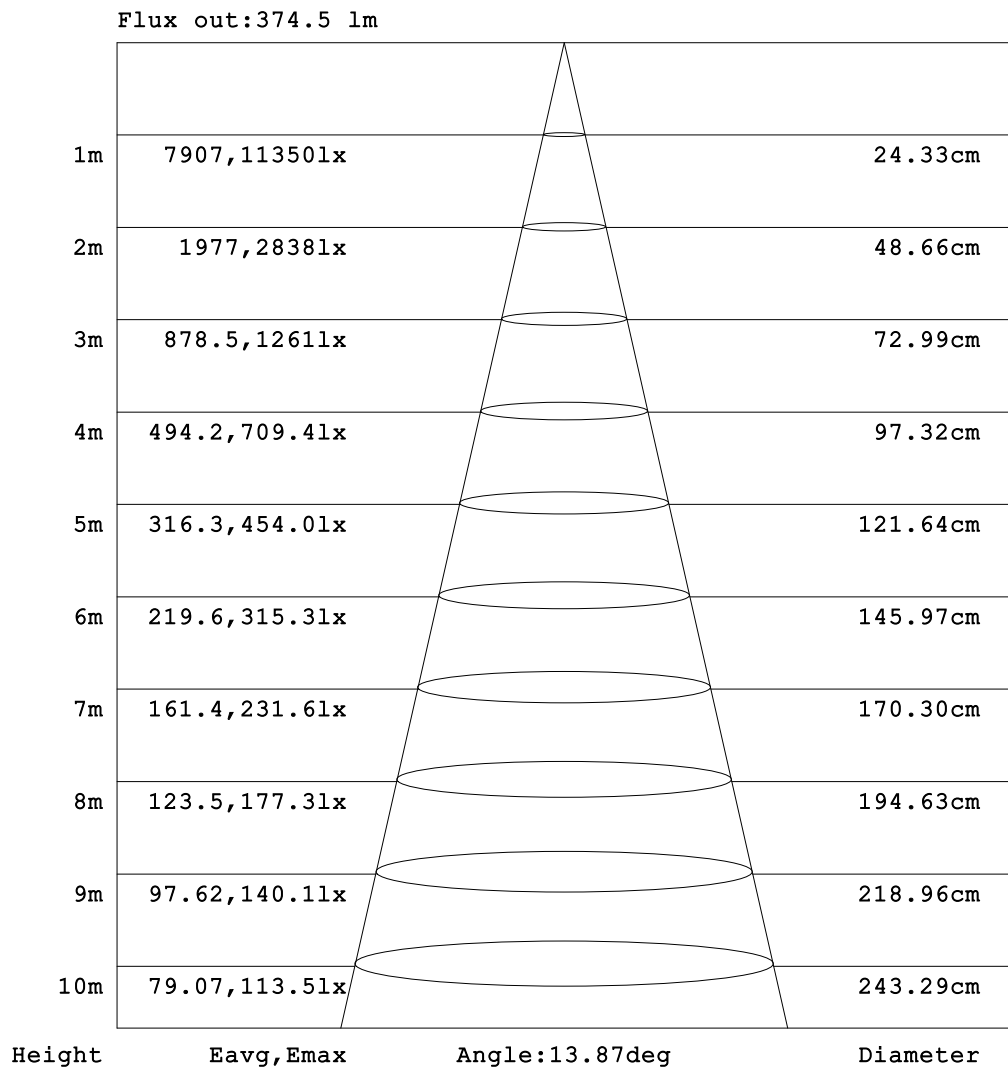


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 20DEG  
Operators: 01  
Test Date: 2025-08-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 7.700m [K=1.0000]  
Remarks:

## AAI Figure

|                                                                                   |            |                  |
|-----------------------------------------------------------------------------------|------------|------------------|
| Test:U:219.97V I:0.0820A P:17.800W PF:0.9000 Freq:49.99Hz Lamp Flux:130.967x12 lm |            |                  |
| NAME:LuminoFlex Ground-500mm-3000K-15D-REV2                                       | TYPE:3000K | WEIGHT:00        |
| SPEC.:15 DEG                                                                      | DIM.:500mm | SERIAL No.:01    |
| MFR.: 001                                                                         | SUR.:0.8   | 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: 30.0DEG  
 Test Speed: HIGH  
 Temperature:20DEG  
 Operators:01  
 Test Date:2025-08-30

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:7.700m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                   |  |  |  |  |            |  |  |                  |
|-----------------------------------------------------------------------------------|--|--|--|--|------------|--|--|------------------|
| Test:U:219.97V I:0.0820A P:17.800W PF:0.9000 Freq:49.99Hz Lamp Flux:130.967x12 lm |  |  |  |  |            |  |  |                  |
| NAME:LuminoFlex Ground-500mm-3000K-15D-REV2                                       |  |  |  |  | TYPE:3000K |  |  | WEIGHT:00        |
| SPEC.:15 DEG                                                                      |  |  |  |  | DIM.:500mm |  |  | SERIAL No.:01    |
| MFR.: 001                                                                         |  |  |  |  | SUR.:0.8   |  |  | 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               | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.04 | 0.06 | 0.09 | 0.14 | 0.22 | 0.37 | 0.63 | 0.89 | 0.99 | 0.88 | 0.75 | 0.76 |
| -170               | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.04 | 0.06 | 0.09 | 0.14 | 0.21 | 0.33 | 0.55 | 0.80 | 0.97 | 1.00 | 0.95 | 0.95 |
| -160               | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.06 | 0.09 | 0.12 | 0.16 | 0.24 | 0.37 | 0.55 | 0.69 | 0.80 | 0.87 | 0.89 |
| -150               | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.06 | 0.07 | 0.10 | 0.13 | 0.17 | 0.24 | 0.33 | 0.43 | 0.49 | 0.53 | 0.55 |
| -140               | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.04 | 0.04 | 0.05 | 0.08 | 0.11 | 0.12 | 0.13 | 0.15 | 0.17 | 0.20 | 0.21 | 0.22 | 0.21 |
| -130               | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.07 | 0.12 | 0.15 | 0.18 | 0.19 | 0.21 | 0.21 | 0.21 | 0.22 | 0.23 | 0.24 |
| -120               | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.05 | 0.09 | 0.14 | 0.19 | 0.25 | 0.29 | 0.32 | 0.32 | 0.32 | 0.33 | 0.34 | 0.36 |
| -110               | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.05 | 0.07 | 0.10 | 0.13 | 0.17 | 0.21 | 0.24 | 0.25 | 0.26 | 0.26 | 0.26 | 0.25 |
| -100               | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.04 | 0.04 | 0.06 | 0.07 | 0.09 | 0.11 | 0.13 | 0.15 | 0.16 | 0.17 | 0.17 | 0.18 | 0.19 | 0.19 |
| -90                | 0.01 | 0.02 | 0.02 | 0.03 | 0.04 | 0.04 | 0.05 | 0.06 | 0.07 | 0.09 | 0.10 | 0.11 | 0.12 | 0.13 | 0.13 | 0.14 | 0.15 | 0.15 | 0.16 |
| -80                | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.10 | 0.11 | 0.12 | 0.14 | 0.15 | 0.26 | 0.39 | 0.53 | 0.68 | 0.82 | 0.96 |
| -70                | 0.01 | 0.02 | 0.04 | 0.05 | 0.06 | 0.08 | 0.09 | 0.11 | 0.13 | 0.16 | 0.23 | 0.35 | 0.50 | 0.84 | 1.25 | 1.67 | 2.07 | 2.45 | 2.80 |
| -60                | 0.01 | 0.03 | 0.04 | 0.06 | 0.08 | 0.09 | 0.11 | 0.15 | 0.27 | 0.49 | 0.85 | 1.38 | 2.09 | 2.88 | 3.52 | 4.05 | 4.50 | 4.88 | 5.18 |
| -50                | 0.01 | 0.03 | 0.05 | 0.07 | 0.09 | 0.11 | 0.14 | 0.18 | 0.43 | 1.07 | 1.98 | 3.03 | 4.24 | 5.55 | 6.53 | 7.38 | 8.15 | 8.79 | 9.25 |
| -40                | 0.01 | 0.03 | 0.05 | 0.07 | 0.10 | 0.13 | 0.18 | 0.35 | 0.79 | 1.64 | 2.97 | 4.78 | 7.03 | 9.52 | 12.0 | 14.1 | 15.9 | 17.3 | 18.0 |
| -30                | 0.01 | 0.03 | 0.05 | 0.08 | 0.11 | 0.15 | 0.27 | 0.66 | 1.33 | 2.50 | 4.91 | 8.83 | 13.0 | 17.5 | 22.4 | 27.6 | 31.9 | 35.1 | 36.5 |
| -20                | 0.01 | 0.03 | 0.06 | 0.09 | 0.12 | 0.17 | 0.37 | 0.88 | 1.87 | 3.89 | 7.90 | 13.4 | 20.7 | 29.8 | 40.7 | 53.5 | 68.2 | 83.2 | 91.7 |
| -10                | 0.01 | 0.03 | 0.06 | 0.09 | 0.12 | 0.18 | 0.40 | 0.99 | 2.12 | 4.44 | 8.96 | 16.6 | 26.8 | 41.2 | 63.9 | 103  | 170  | 280  | 383  |
| 0                  | 0.01 | 0.03 | 0.06 | 0.09 | 0.12 | 0.16 | 0.33 | 0.89 | 1.81 | 3.53 | 7.92 | 16.5 | 26.4 | 40.7 | 65.5 | 112  | 221  | 550  | 1065 |
| 10                 | 0.01 | 0.03 | 0.06 | 0.09 | 0.12 | 0.17 | 0.33 | 0.87 | 1.78 | 3.52 | 7.72 | 14.8 | 23.6 | 35.9 | 54.2 | 82.5 | 132  | 211  | 271  |
| 20                 | 0.01 | 0.03 | 0.06 | 0.09 | 0.12 | 0.16 | 0.27 | 0.68 | 1.43 | 2.68 | 5.49 | 10.7 | 16.6 | 24.4 | 34.3 | 45.9 | 58.6 | 69.9 | 75.6 |
| 30                 | 0.01 | 0.03 | 0.05 | 0.08 | 0.11 | 0.14 | 0.20 | 0.43 | 0.95 | 1.68 | 3.04 | 6.08 | 10.4 | 15.0 | 19.8 | 24.5 | 27.9 | 30.4 | 31.5 |
| 40                 | 0.01 | 0.03 | 0.05 | 0.07 | 0.10 | 0.13 | 0.16 | 0.22 | 0.45 | 1.15 | 2.29 | 3.81 | 5.79 | 8.18 | 10.7 | 12.7 | 14.4 | 15.6 | 16.4 |
| 50                 | 0.01 | 0.03 | 0.05 | 0.07 | 0.09 | 0.11 | 0.13 | 0.16 | 0.28 | 0.66 | 1.34 | 2.34 | 3.51 | 4.80 | 5.82 | 6.67 | 7.44 | 8.08 | 8.54 |
| 60                 | 0.01 | 0.03 | 0.04 | 0.06 | 0.07 | 0.09 | 0.11 | 0.13 | 0.19 | 0.33 | 0.55 | 0.87 | 1.32 | 1.91 | 2.62 | 3.27 | 3.85 | 4.34 | 4.76 |
| 70                 | 0.01 | 0.02 | 0.04 | 0.05 | 0.06 | 0.07 | 0.09 | 0.10 | 0.12 | 0.15 | 0.17 | 0.21 | 0.27 | 0.53 | 0.90 | 1.29 | 1.67 | 2.03 | 2.37 |
| 80                 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.10 | 0.11 | 0.13 | 0.14 | 0.15 | 0.22 | 0.31 | 0.41 | 0.51 | 0.60 | 0.70 |
| 90                 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.06 | 0.08 | 0.10 | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.19 | 0.20 |
| 100                | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.06 | 0.08 | 0.11 | 0.13 | 0.15 | 0.18 | 0.19 | 0.20 | 0.21 | 0.21 | 0.22 | 0.23 |
| 110                | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.06 | 0.08 | 0.11 | 0.15 | 0.18 | 0.22 | 0.25 | 0.27 | 0.28 | 0.30 | 0.31 | 0.32 |
| 120                | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.05 | 0.08 | 0.12 | 0.17 | 0.23 | 0.27 | 0.30 | 0.28 | 0.28 | 0.29 | 0.31 | 0.33 |
| 130                | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.06 | 0.11 | 0.10 | 0.13 | 0.16 | 0.18 | 0.18 | 0.19 | 0.20 | 0.22 | 0.24 |
| 140                | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.05 | 0.07 | 0.09 | 0.10 | 0.11 | 0.12 | 0.15 | 0.17 | 0.19 | 0.20 | 0.21 |
| 150                | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.08 | 0.11 | 0.14 | 0.21 | 0.29 | 0.38 | 0.43 | 0.50 | 0.55 |
| 160                | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.04 | 0.05 | 0.07 | 0.10 | 0.14 | 0.22 | 0.35 | 0.51 | 0.66 | 0.78 | 0.84 | 0.86 |
| 170                | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.04 | 0.06 | 0.09 | 0.12 | 0.20 | 0.32 | 0.54 | 0.79 | 0.94 | 0.95 | 0.89 | 0.88 |
| 180                | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.04 | 0.06 | 0.09 | 0.14 | 0.22 | 0.37 | 0.63 | 0.89 | 0.99 | 0.88 | 0.75 | 0.76 |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                   |            |                  |
|-----------------------------------------------------------------------------------|------------|------------------|
| Test:U:219.97V I:0.0820A P:17.800W PF:0.9000 Freq:49.99Hz Lamp Flux:130.967x12 lm |            |                  |
| NAME:LuminoFlex Ground-500mm-3000K-15D-REV2                                       | TYPE:3000K | WEIGHT:00        |
| SPEC.:15 DEG                                                                      | DIM.:500mm | SERIAL No.:01    |
| MFR.: 001                                                                         | SUR.:0.8   | 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               | 0.90 | 1.04 | 1.02 | 0.84 | 0.54 | 0.30 | 0.18 | 0.11 | 0.07 | 0.05 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 |  |
| -170               | 1.00 | 1.02 | 0.92 | 0.70 | 0.44 | 0.26 | 0.17 | 0.11 | 0.08 | 0.05 | 0.04 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 |  |
| -160               | 0.85 | 0.75 | 0.59 | 0.43 | 0.29 | 0.19 | 0.13 | 0.10 | 0.07 | 0.05 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 |  |
| -150               | 0.49 | 0.42 | 0.35 | 0.27 | 0.20 | 0.14 | 0.11 | 0.08 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 |  |
| -140               | 0.21 | 0.19 | 0.17 | 0.15 | 0.13 | 0.12 | 0.10 | 0.09 | 0.07 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 |  |
| -130               | 0.22 | 0.21 | 0.20 | 0.19 | 0.18 | 0.17 | 0.15 | 0.13 | 0.10 | 0.06 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |  |
| -120               | 0.33 | 0.32 | 0.30 | 0.29 | 0.27 | 0.24 | 0.19 | 0.14 | 0.10 | 0.07 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 |  |
| -110               | 0.24 | 0.23 | 0.22 | 0.20 | 0.18 | 0.16 | 0.13 | 0.11 | 0.08 | 0.07 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 |  |
| -100               | 0.18 | 0.17 | 0.16 | 0.15 | 0.14 | 0.13 | 0.11 | 0.10 | 0.08 | 0.07 | 0.05 | 0.04 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 |  |
| -90                | 0.15 | 0.14 | 0.13 | 0.13 | 0.12 | 0.11 | 0.10 | 0.09 | 0.08 | 0.07 | 0.05 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 |  |
| -80                | 0.82 | 0.67 | 0.52 | 0.38 | 0.25 | 0.14 | 0.13 | 0.11 | 0.10 | 0.09 | 0.07 | 0.06 | 0.05 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 |  |
| -70                | 2.40 | 1.97 | 1.53 | 1.09 | 0.65 | 0.32 | 0.23 | 0.18 | 0.14 | 0.12 | 0.10 | 0.09 | 0.07 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 |  |
| -60                | 4.74 | 4.22 | 3.59 | 2.88 | 2.11 | 1.47 | 0.99 | 0.63 | 0.37 | 0.22 | 0.14 | 0.11 | 0.09 | 0.08 | 0.06 | 0.04 | 0.03 | 0.02 |  |
| -50                | 8.92 | 8.37 | 7.63 | 6.74 | 5.62 | 4.12 | 2.76 | 1.62 | 0.82 | 0.36 | 0.17 | 0.14 | 0.12 | 0.09 | 0.07 | 0.05 | 0.03 | 0.02 |  |
| -40                | 17.8 | 17.0 | 15.5 | 13.5 | 10.6 | 7.46 | 4.85 | 2.91 | 1.54 | 0.71 | 0.33 | 0.18 | 0.14 | 0.11 | 0.08 | 0.06 | 0.04 | 0.02 |  |
| -30                | 36.8 | 35.0 | 31.6 | 26.4 | 20.9 | 15.4 | 9.47 | 4.72 | 2.41 | 1.34 | 0.67 | 0.29 | 0.16 | 0.13 | 0.09 | 0.06 | 0.04 | 0.02 |  |
| -20                | 89.3 | 77.7 | 63.3 | 49.3 | 37.0 | 26.8 | 17.5 | 9.21 | 4.13 | 2.02 | 1.02 | 0.43 | 0.19 | 0.14 | 0.10 | 0.07 | 0.04 | 0.02 |  |
| -10                | 329  | 218  | 136  | 86.1 | 56.4 | 37.7 | 24.5 | 13.1 | 5.59 | 2.53 | 1.25 | 0.52 | 0.21 | 0.14 | 0.10 | 0.07 | 0.04 | 0.02 |  |
| 0                  | 1015 | 474  | 204  | 111  | 66.6 | 42.8 | 27.1 | 13.8 | 5.55 | 2.54 | 1.27 | 0.52 | 0.21 | 0.14 | 0.10 | 0.07 | 0.04 | 0.02 |  |
| 10                 | 259  | 169  | 110  | 73.4 | 50.5 | 34.5 | 22.4 | 11.7 | 4.93 | 2.32 | 1.17 | 0.48 | 0.20 | 0.14 | 0.10 | 0.07 | 0.04 | 0.02 |  |
| 20                 | 75.3 | 66.8 | 54.3 | 42.1 | 31.5 | 22.1 | 14.2 | 7.19 | 3.33 | 1.74 | 0.89 | 0.37 | 0.18 | 0.13 | 0.10 | 0.07 | 0.04 | 0.02 |  |
| 30                 | 31.7 | 30.1 | 27.3 | 23.2 | 18.1 | 12.7 | 7.35 | 3.50 | 1.89 | 1.10 | 0.53 | 0.24 | 0.16 | 0.12 | 0.09 | 0.06 | 0.04 | 0.02 |  |
| 40                 | 16.3 | 15.6 | 14.3 | 12.7 | 9.68 | 6.77 | 4.33 | 2.53 | 1.26 | 0.52 | 0.26 | 0.17 | 0.14 | 0.11 | 0.08 | 0.06 | 0.04 | 0.02 |  |
| 50                 | 8.32 | 7.88 | 7.26 | 6.47 | 5.41 | 3.92 | 2.62 | 1.53 | 0.75 | 0.31 | 0.16 | 0.14 | 0.11 | 0.09 | 0.07 | 0.05 | 0.03 | 0.02 |  |
| 60                 | 4.42 | 4.00 | 3.47 | 2.85 | 2.15 | 1.50 | 0.98 | 0.61 | 0.36 | 0.20 | 0.13 | 0.11 | 0.09 | 0.08 | 0.06 | 0.05 | 0.03 | 0.02 |  |
| 70                 | 2.04 | 1.70 | 1.33 | 0.96 | 0.59 | 0.31 | 0.23 | 0.17 | 0.14 | 0.12 | 0.10 | 0.08 | 0.07 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 |  |
| 80                 | 0.60 | 0.50 | 0.40 | 0.30 | 0.22 | 0.14 | 0.13 | 0.12 | 0.10 | 0.09 | 0.08 | 0.06 | 0.06 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 |  |
| 90                 | 0.19 | 0.18 | 0.17 | 0.16 | 0.15 | 0.14 | 0.12 | 0.11 | 0.09 | 0.08 | 0.06 | 0.05 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 |  |
| 100                | 0.22 | 0.21 | 0.20 | 0.19 | 0.18 | 0.17 | 0.15 | 0.13 | 0.11 | 0.08 | 0.06 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 |  |
| 110                | 0.32 | 0.30 | 0.29 | 0.27 | 0.25 | 0.22 | 0.18 | 0.14 | 0.11 | 0.08 | 0.06 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 |  |
| 120                | 0.33 | 0.33 | 0.34 | 0.33 | 0.32 | 0.29 | 0.25 | 0.20 | 0.13 | 0.09 | 0.05 | 0.04 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 |  |
| 130                | 0.22 | 0.20 | 0.19 | 0.16 | 0.13 | 0.18 | 0.17 | 0.15 | 0.11 | 0.07 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 |  |
| 140                | 0.20 | 0.19 | 0.17 | 0.15 | 0.13 | 0.11 | 0.10 | 0.08 | 0.07 | 0.05 | 0.04 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 |  |
| 150                | 0.50 | 0.43 | 0.39 | 0.29 | 0.20 | 0.14 | 0.11 | 0.08 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 |  |
| 160                | 0.82 | 0.72 | 0.59 | 0.44 | 0.30 | 0.19 | 0.13 | 0.10 | 0.07 | 0.05 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 |  |
| 170                | 0.93 | 0.96 | 0.89 | 0.69 | 0.44 | 0.26 | 0.16 | 0.11 | 0.08 | 0.05 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 |  |
| 180                | 0.90 | 1.04 | 1.02 | 0.84 | 0.54 | 0.30 | 0.18 | 0.11 | 0.07 | 0.05 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 |  |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [K=1.0000]  
Remarks: