

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                    |                        |
|------------------------------------|------------------------|
| Maximum Intensity                  | 1782.5 cd per klm.     |
| (Luminaire orientation as tested.) | 4.0 degrees vertical   |
|                                    | 0.0 degrees horizontal |

|             |                |               |
|-------------|----------------|---------------|
| Beam Spread | At 10% of Imax | 74.7V x 78.0H |
|             | At 50% of Imax | 36.5V x 37.6H |
|             | At 90% of Imax | 13.7V x 14.2H |

|           |                |                        |
|-----------|----------------|------------------------|
| Beam Flux | Total          | 1000.0 lumens per klm. |
|           | To 10% of Imax | 778.5 lumens per klm.  |
|           | To 50% of Imax | 372.1 lumens per klm.  |
|           | To 90% of Imax | 58.5 lumens per klm.   |

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

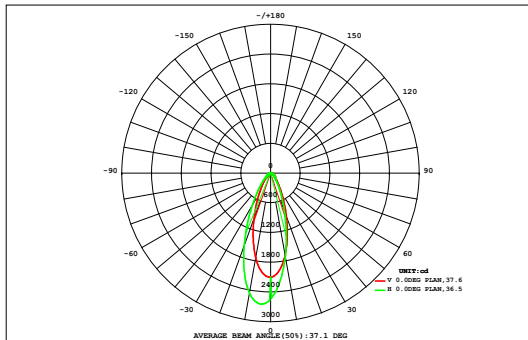
|                                           |         |
|-------------------------------------------|---------|
| Luminaire Efficiency (Light Output Ratio) | 100.0 % |
|-------------------------------------------|---------|

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2026-07-08

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 10.000m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

|                                                                                  |               |                  |
|----------------------------------------------------------------------------------|---------------|------------------|
| Test:U:219.60V I:0.1120A P:23.900W PF:0.9690 Freq:50.00Hz Lamp Flux:1485.32x1 lm |               |                  |
| NAME: Auroring Micro-197mm-RGBW-ALL-35D                                          | TYPE:RGBW ALL | WEIGHT:00        |
| SPEC.:35 DEGREE                                                                  | DIM.: 197mm   | SERIAL No.:01    |
| MFR.: EVERFINE                                                                   | SUR.:0.8      | Shielding Angle: |



| DATA OF LAMP      |         | Eff:62.15lm/W    |          |
|-------------------|---------|------------------|----------|
| MODEL             |         | Imax (cd)        | 2648     |
| NOMINAL POWER (W) | 24      | AVAILABILITY (%) | 77.7     |
| RATED VOLTAGE (V) | 220     | Avai. FLUX (lm)  | 1154     |
| NOMINAL FLUX (lm) | 1485.32 | LOR (%)          | 100.0    |
| LAMPS INSIDE      | 1       | TOTAL FLUX (lm)  | 1485     |
| TEST VOLTAGE (V)  | 220     | θ @50% (H,V)     | 38,37DEG |

| VERTICAL (DEG) | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |                  |      |      |      |      |      |      |      | UNIT:lm |      | Φ t  | Φ a  |
|----------------|-------------------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|---------|------|------|------|
|                | 0.08              | 0.19 | 0.33 | 0.50 | 0.69 | 0.86 | 0.95 | 0.99 | 0.98             | 0.92 | 0.82 | 0.69 | 0.54 | 0.41 | 0.29 | 0.18 | 0.09    | 0.05 | 9.55 | 0.00 |
| 72             | 0.12              | 0.27 | 0.46 | 0.70 | 0.96 | 1.24 | 1.42 | 1.51 | 1.51             | 1.42 | 1.27 | 1.07 | 0.86 | 0.67 | 0.48 | 0.30 | 0.16    | 0.07 | 14.5 | 0.00 |
| 64             | 0.16              | 0.34 | 0.60 | 0.91 | 1.31 | 1.81 | 2.25 | 2.46 | 2.47             | 2.28 | 1.95 | 1.57 | 1.22 | 0.94 | 0.67 | 0.44 | 0.24    | 0.11 | 21.7 | 0.00 |
| 56             | 0.19              | 0.41 | 0.72 | 1.15 | 1.80 | 2.76 | 3.87 | 4.46 | 4.53             | 4.08 | 3.28 | 2.41 | 1.76 | 1.26 | 0.87 | 0.56 | 0.32    | 0.15 | 34.6 | 3.81 |
| 48             | 0.22              | 0.48 | 0.85 | 1.44 | 2.48 | 4.26 | 6.84 | 8.63 | 8.94             | 7.83 | 5.85 | 3.94 | 2.64 | 1.71 | 1.09 | 0.69 | 0.40    | 0.18 | 58.5 | 39.0 |
| 40             | 0.24              | 0.53 | 0.97 | 1.76 | 3.33 | 6.33 | 11.4 | 16.6 | 17.7             | 15.2 | 10.5 | 6.61 | 4.00 | 2.31 | 1.36 | 0.81 | 0.46    | 0.21 | 100  | 85.4 |
| 32             | 0.26              | 0.56 | 1.06 | 2.05 | 4.15 | 8.52 | 16.7 | 27.4 | 31.3             | 26.9 | 17.8 | 10.7 | 5.81 | 3.07 | 1.65 | 0.92 | 0.51    | 0.24 | 160  | 147  |
| 24             | 0.27              | 0.58 | 1.11 | 2.20 | 4.65 | 9.98 | 20.1 | 34.4 | 44.3             | 39.3 | 26.8 | 15.3 | 7.79 | 3.84 | 1.91 | 1.01 | 0.54    | 0.26 | 214  | 203  |
| 16             | 0.27              | 0.58 | 1.09 | 2.15 | 4.51 | 9.67 | 19.4 | 32.9 | 44.6             | 45.5 | 31.5 | 18.2 | 9.09 | 4.31 | 2.07 | 1.05 | 0.56    | 0.26 | 228  | 217  |
| 8              | 0.26              | 0.57 | 1.06 | 2.06 | 4.28 | 9.14 | 18.7 | 32.9 | 44.8             | 34.6 | 25.6 | 15.9 | 8.30 | 4.06 | 1.99 | 1.03 | 0.55    | 0.26 | 206  | 194  |
| 0              | 0.26              | 0.55 | 1.03 | 1.97 | 4.05 | 8.60 | 17.2 | 27.9 | 32.5             | 23.8 | 16.0 | 10.3 | 5.93 | 3.20 | 1.70 | 0.93 | 0.51    | 0.24 | 157  | 144  |
| -8             | 0.24              | 0.52 | 0.95 | 1.74 | 3.38 | 6.53 | 11.4 | 16.8 | 17.9             | 13.9 | 8.97 | 6.18 | 3.84 | 2.30 | 1.37 | 0.81 | 0.46    | 0.22 | 97.5 | 82.3 |
| -16            | 0.22              | 0.47 | 0.84 | 1.45 | 2.51 | 4.21 | 6.57 | 8.66 | 8.81             | 7.25 | 5.06 | 3.56 | 2.49 | 1.64 | 1.07 | 0.69 | 0.40    | 0.19 | 56.1 | 35.3 |
| -24            | 0.19              | 0.41 | 0.72 | 1.15 | 1.77 | 2.64 | 3.69 | 4.39 | 4.37             | 3.78 | 2.92 | 2.13 | 1.64 | 1.20 | 0.84 | 0.56 | 0.33    | 0.15 | 32.9 | 3.01 |
| -32            | 0.16              | 0.34 | 0.60 | 0.90 | 1.27 | 1.71 | 2.14 | 2.38 | 2.36             | 2.13 | 1.79 | 1.40 | 1.13 | 0.89 | 0.65 | 0.43 | 0.25    | 0.11 | 20.6 | 0.00 |
| -40            | 0.12              | 0.27 | 0.47 | 0.69 | 0.93 | 1.17 | 1.36 | 1.45 | 1.44             | 1.34 | 1.18 | 0.97 | 0.79 | 0.63 | 0.46 | 0.30 | 0.16    | 0.08 | 13.8 | 0.00 |
| -48            | 0.08              | 0.19 | 0.33 | 0.49 | 0.65 | 0.81 | 0.90 | 0.94 | 0.93             | 0.87 | 0.76 | 0.62 | 0.48 | 0.38 | 0.27 | 0.17 | 0.09    | 0.05 | 9.02 | 0.00 |
| -56            | 0.05              | 0.11 | 0.20 | 0.29 | 0.40 | 0.49 | 0.53 | 0.55 | 0.52             | 0.47 | 0.40 | 0.31 | 0.21 | 0.17 | 0.12 | 0.08 | 0.05    | 0.03 | 4.98 | 0.00 |
| -64            | 0.05              | 0.11 | 0.20 | 0.29 | 0.40 | 0.49 | 0.53 | 0.55 | 0.52             | 0.47 | 0.40 | 0.31 | 0.21 | 0.17 | 0.12 | 0.08 | 0.05    | 0.03 | 4.98 | 0.00 |
| -72            | 0.05              | 0.11 | 0.20 | 0.29 | 0.40 | 0.49 | 0.53 | 0.55 | 0.52             | 0.47 | 0.40 | 0.31 | 0.21 | 0.17 | 0.12 | 0.08 | 0.05    | 0.03 | 4.98 | 0.00 |
|                | -72               | -64  | -56  | -48  | -40  | -32  | -24  | -16  | HORIZONTAL (DEG) | 16   | 24   | 32   | 40   | 48   | 56   | 64   | 72      |      |      |      |
| Φ t            | 3.40              | 7.37 | 13.4 | 23.6 | 43.1 | 80.7 | 145  | 225  | 270              | 232  | 162  | 102  | 58.5 | 33.0 | 18.8 | 10.9 | 6.10    | 2.85 | 1438 | ---  |
| Φ a            | 0.00              | 0.00 | 0.00 | 0.00 | 14.3 | 61.8 | 129  | 209  | 253              | 215  | 144  | 83.0 | 37.9 | 6.63 | 0.00 | 0.00 | 0.00    | 0.00 | ---  | 1154 |

one-half-peak spread: U:18.2,D:18.7 , L:19.1,R:18.8

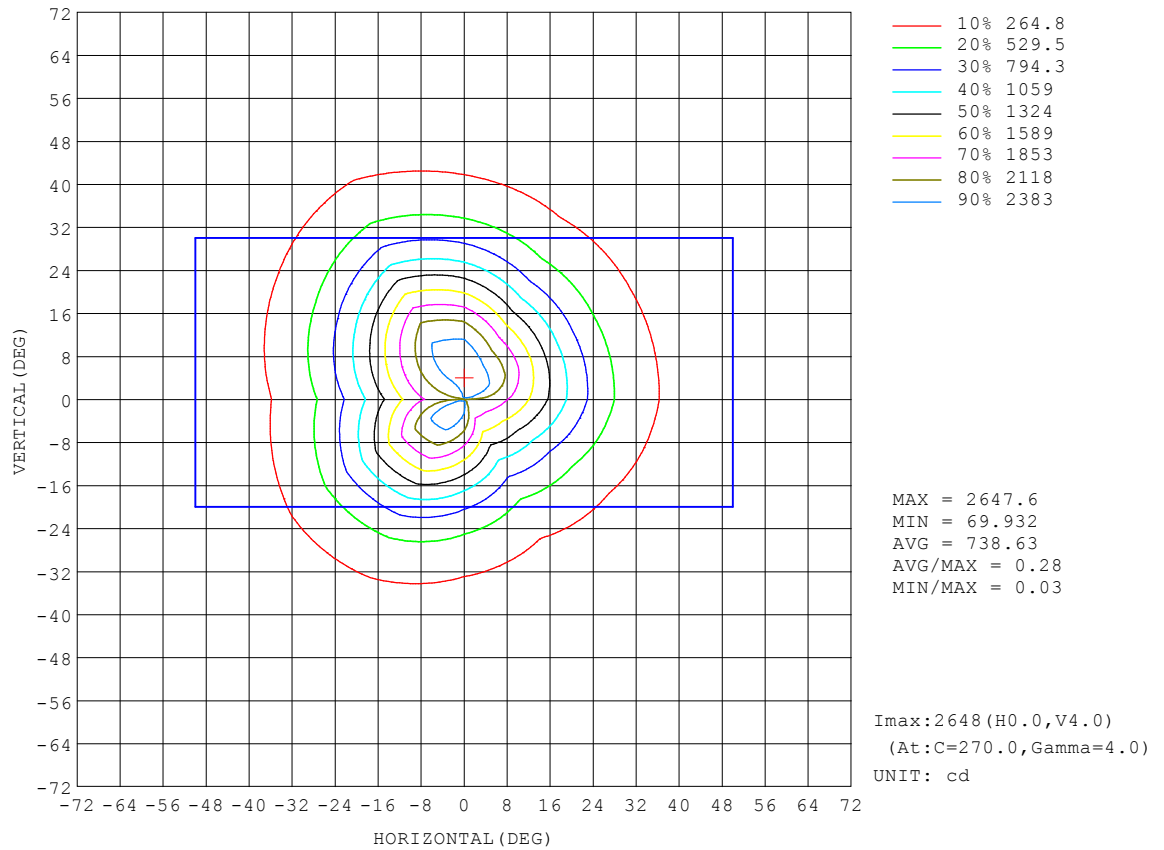
NEMA Beam Type: Type 5

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2026-07-08

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

|                                                                                  |               |                  |
|----------------------------------------------------------------------------------|---------------|------------------|
| Test:U:219.60V I:0.1120A P:23.900W PF:0.9690 Freq:50.00Hz Lamp Flux:1485.32x1 lm |               |                  |
| NAME: Auroring Micro-197mm-RGBW-ALL-35D                                          | TYPE:RGBW ALL | WEIGHT:00        |
| SPEC.:35 DEGREE                                                                  | DIM.: 197mm   | SERIAL No.:01    |
| MFR.: EVERFINE                                                                   | SUR.:0.8      | Shielding Angle: |

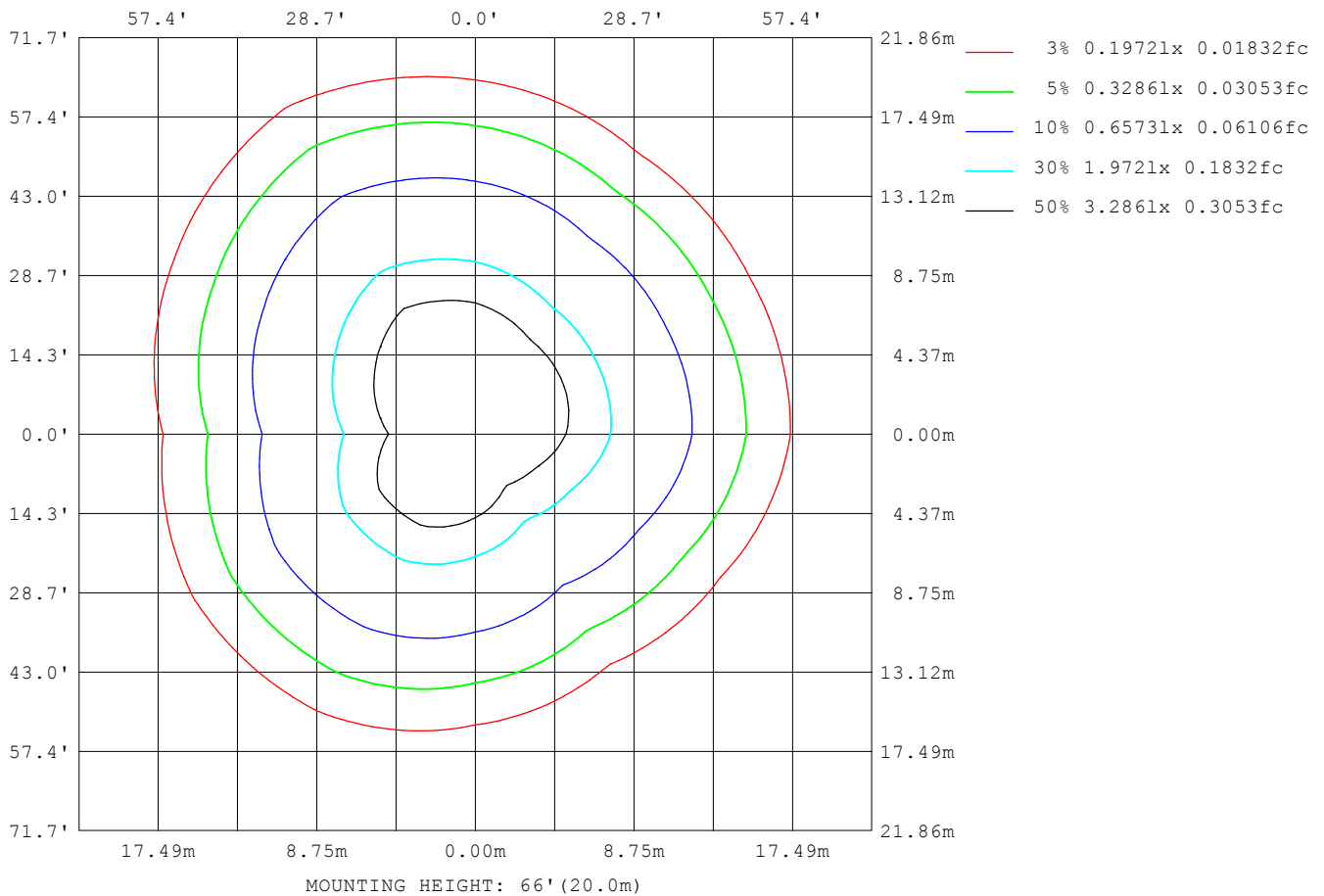


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2026-07-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

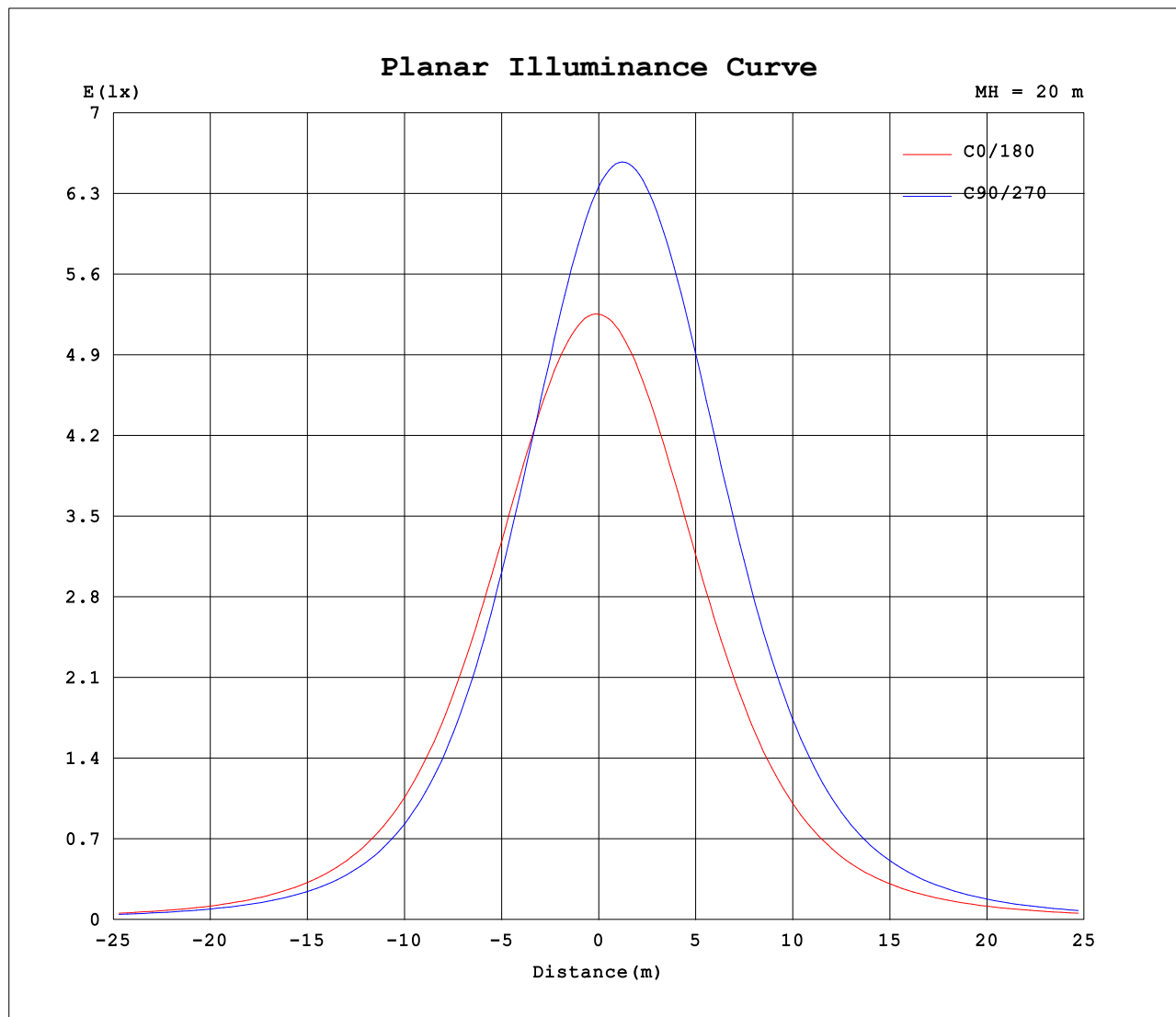
|                                                                                  |               |                  |
|----------------------------------------------------------------------------------|---------------|------------------|
| Test:U:219.60V I:0.1120A P:23.900W PF:0.9690 Freq:50.00Hz Lamp Flux:1485.32x1 lm |               |                  |
| NAME: Auroring Micro-197mm-RGBW-ALL-35D                                          | TYPE:RGBW ALL | WEIGHT:00        |
| SPEC.:35 DEGREE                                                                  | DIM.: 197mm   | SERIAL No.:01    |
| MFR.: EVERFINE                                                                   | SUR.:0.8      | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2026-07-08

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## Planar Illuminance Curve

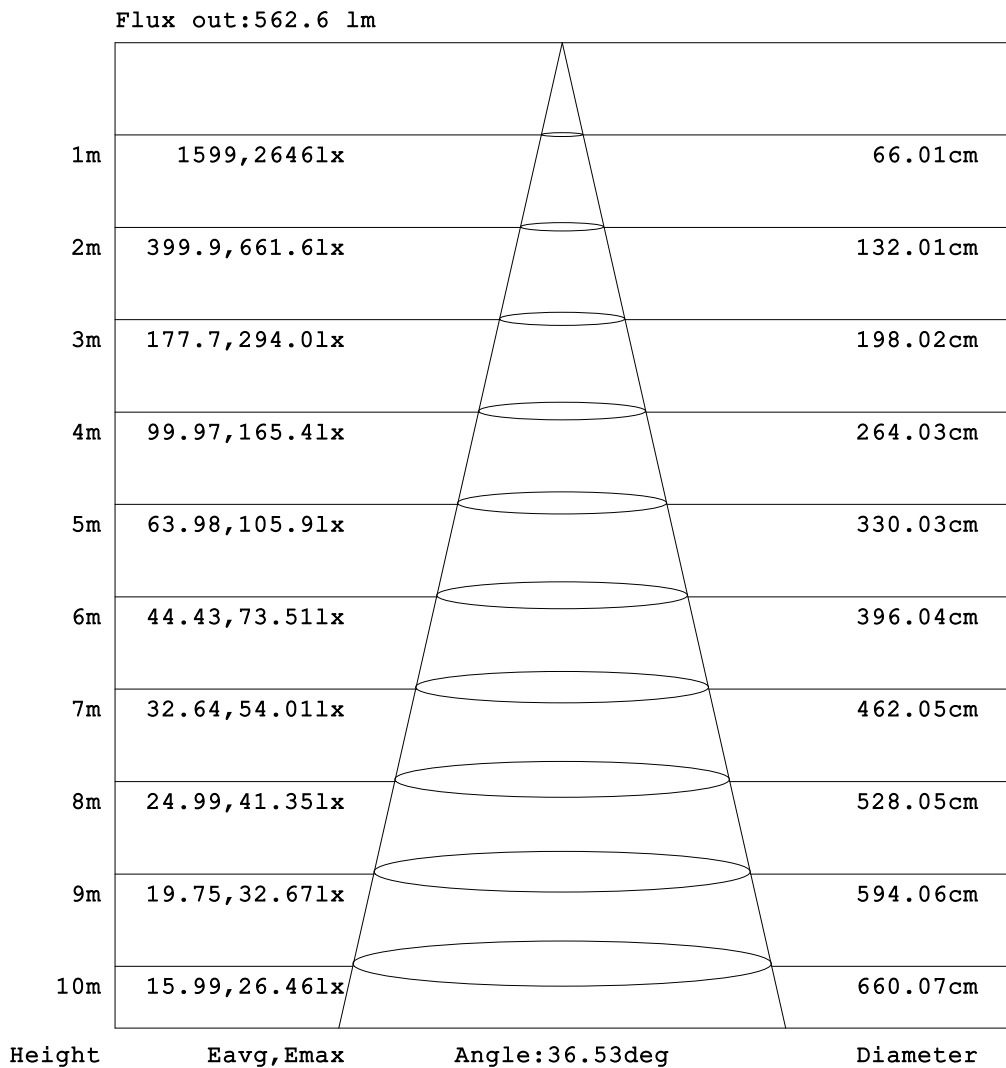


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2026-07-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 10.000m [K=1.0000]  
Remarks:

### AAI Figure

|                                                                                  |               |                  |
|----------------------------------------------------------------------------------|---------------|------------------|
| Test:U:219.60V I:0.1120A P:23.900W PF:0.9690 Freq:50.00Hz Lamp Flux:1485.32x1 lm |               |                  |
| NAME: Auroring Micro-197mm-RGBW-ALL-35D                                          | TYPE:RGBW ALL | WEIGHT:00        |
| SPEC.:35 DEGREE                                                                  | DIM.: 197mm   | SERIAL No.:01    |
| MFR.: EVERFINE                                                                   | 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: MEDIUM  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2026-07-08

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 10.000m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                  |               |                  |
|----------------------------------------------------------------------------------|---------------|------------------|
| Test:U:219.60V I:0.1120A P:23.900W PF:0.9690 Freq:50.00Hz Lamp Flux:1485.32x1 lm |               |                  |
| NAME: Auroring Micro-197mm-RGBW-ALL-35D                                          | TYPE:RGBW ALL | WEIGHT:00        |
| SPEC.:35 DEGREE                                                                  | DIM.: 197mm   | SERIAL No.:01    |
| MFR.: EVERFINE                                                                   | SUR.:0.8      | Shielding Angle: |

Table--1

UNIT: cd

| 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               | 3.97 | 3.85 | 3.87 | 4.03 | 4.35 | 4.81 | 5.30 | 5.71 | 6.03 | 6.26 | 6.48 | 6.75 | 7.08 | 7.40 | 7.68 | 7.87 | 8.04 | 8.29 | 8.56 |
| -170               | 3.97 | 3.83 | 3.82 | 3.94 | 4.19 | 4.54 | 4.95 | 5.33 | 5.70 | 6.09 | 6.55 | 7.12 | 7.75 | 8.35 | 8.88 | 9.16 | 9.19 | 9.19 | 9.00 |
| -160               | 3.97 | 3.81 | 3.77 | 3.83 | 3.99 | 4.23 | 4.53 | 4.84 | 5.19 | 5.63 | 6.21 | 6.94 | 7.75 | 8.37 | 8.80 | 9.08 | 9.23 | 9.29 | 9.30 |
| -150               | 3.97 | 3.79 | 3.72 | 3.71 | 3.79 | 3.91 | 4.07 | 4.26 | 4.50 | 4.84 | 5.34 | 6.04 | 6.74 | 7.36 | 7.88 | 8.30 | 8.70 | 8.97 | 9.16 |
| -140               | 3.97 | 3.78 | 3.68 | 3.62 | 3.61 | 3.62 | 3.65 | 3.69 | 3.76 | 4.02 | 4.44 | 4.93 | 5.43 | 5.91 | 6.36 | 6.90 | 7.35 | 7.70 | 7.97 |
| -130               | 3.97 | 3.76 | 3.65 | 3.55 | 3.48 | 3.41 | 3.34 | 3.26 | 3.30 | 3.48 | 3.70 | 3.94 | 4.21 | 4.48 | 4.85 | 5.22 | 5.56 | 5.85 | 6.08 |
| -120               | 3.97 | 3.78 | 3.64 | 3.51 | 3.39 | 3.28 | 3.17 | 3.07 | 3.10 | 3.15 | 3.22 | 3.31 | 3.41 | 3.55 | 3.73 | 3.93 | 4.10 | 4.27 | 4.41 |
| -110               | 3.97 | 3.79 | 3.64 | 3.50 | 3.35 | 3.22 | 3.09 | 3.06 | 3.06 | 3.06 | 3.07 | 3.08 | 3.08 | 3.13 | 3.21 | 3.30 | 3.39 | 3.48 | 3.55 |
| -100               | 3.97 | 3.82 | 3.67 | 3.53 | 3.40 | 3.26 | 3.13 | 3.11 | 3.10 | 3.09 | 3.10 | 3.10 | 3.11 | 3.13 | 3.16 | 3.20 | 3.23 | 3.27 | 3.30 |
| -90                | 3.97 | 3.85 | 3.74 | 3.62 | 3.51 | 3.39 | 3.28 | 3.28 | 3.29 | 3.30 | 3.31 | 3.32 | 3.32 | 3.33 | 3.33 | 3.34 | 3.34 | 3.35 | 3.35 |
| -80                | 3.97 | 3.89 | 3.84 | 3.84 | 3.90 | 4.07 | 4.38 | 4.86 | 5.26 | 5.63 | 5.98 | 6.37 | 6.74 | 6.74 | 6.55 | 6.23 | 5.78 | 5.23 | 4.59 |
| -70                | 3.97 | 3.95 | 4.08 | 4.54 | 5.69 | 7.24 | 9.55 | 12.1 | 14.6 | 17.1 | 19.5 | 21.6 | 23.5 | 24.3 | 24.4 | 24.1 | 23.3 | 22.2 | 20.7 |
| -60                | 3.97 | 4.03 | 4.53 | 6.17 | 9.20 | 13.6 | 19.0 | 24.5 | 29.3 | 33.9 | 38.3 | 42.3 | 45.9 | 48.4 | 49.3 | 49.6 | 49.2 | 48.0 | 46.1 |
| -50                | 3.97 | 4.14 | 5.39 | 8.63 | 14.3 | 21.5 | 29.3 | 37.2 | 44.4 | 51.3 | 58.0 | 64.6 | 71.3 | 77.7 | 81.9 | 84.1 | 84.4 | 82.6 | 78.9 |
| -40                | 3.97 | 4.27 | 6.25 | 11.5 | 19.7 | 29.0 | 38.8 | 48.7 | 59.0 | 69.9 | 82.3 | 96.9 | 114  | 132  | 151  | 161  | 166  | 162  | 150  |
| -30                | 3.97 | 4.39 | 7.22 | 14.3 | 24.2 | 35.3 | 46.8 | 58.9 | 73.1 | 92.1 | 118  | 151  | 195  | 248  | 306  | 360  | 383  | 378  | 342  |
| -20                | 3.97 | 4.50 | 8.14 | 16.6 | 27.7 | 40.0 | 52.9 | 67.3 | 86.4 | 115  | 158  | 226  | 327  | 456  | 614  | 789  | 928  | 931  | 825  |
| -10                | 3.97 | 4.57 | 8.69 | 17.9 | 29.8 | 42.9 | 56.6 | 72.7 | 95.7 | 131  | 189  | 281  | 428  | 658  | 999  | 1411 | 1750 | 1952 | 1714 |
| 0                  | 3.97 | 4.59 | 8.83 | 18.2 | 30.3 | 43.5 | 57.3 | 73.8 | 97.2 | 133  | 191  | 283  | 426  | 640  | 942  | 1310 | 1687 | 1981 | 2102 |
| 10                 | 3.97 | 4.68 | 9.13 | 18.7 | 30.9 | 44.5 | 58.9 | 76.5 | 102  | 143  | 210  | 317  | 487  | 748  | 1112 | 1559 | 2037 | 2414 | 2460 |
| 20                 | 3.97 | 4.71 | 8.96 | 18.2 | 30.0 | 43.1 | 57.1 | 73.9 | 97.4 | 134  | 191  | 279  | 414  | 620  | 905  | 1254 | 1571 | 1625 | 1568 |
| 30                 | 3.97 | 4.69 | 8.33 | 16.6 | 27.5 | 39.6 | 52.5 | 66.8 | 85.2 | 111  | 150  | 208  | 289  | 402  | 548  | 700  | 757  | 770  | 730  |
| 40                 | 3.97 | 4.62 | 7.51 | 14.3 | 23.7 | 34.3 | 45.5 | 57.3 | 70.5 | 87.1 | 109  | 139  | 178  | 227  | 283  | 308  | 322  | 323  | 306  |
| 50                 | 3.97 | 4.51 | 6.60 | 11.4 | 18.9 | 27.7 | 36.9 | 46.4 | 56.1 | 66.2 | 77.8 | 91.7 | 108  | 126  | 138  | 144  | 147  | 145  | 139  |
| 60                 | 3.97 | 4.38 | 5.65 | 8.64 | 13.6 | 20.0 | 27.2 | 34.4 | 41.3 | 48.3 | 55.2 | 62.1 | 69.1 | 75.0 | 77.1 | 78.3 | 78.3 | 77.1 | 74.8 |
| 70                 | 3.97 | 4.25 | 5.03 | 6.39 | 8.84 | 12.3 | 16.7 | 21.6 | 26.4 | 31.2 | 35.7 | 40.2 | 44.4 | 46.2 | 46.4 | 46.3 | 45.8 | 44.8 | 43.3 |
| 80                 | 3.97 | 4.14 | 4.47 | 5.05 | 5.90 | 6.91 | 8.20 | 10.2 | 12.4 | 14.8 | 17.3 | 19.7 | 22.1 | 22.0 | 21.5 | 20.8 | 19.9 | 18.9 | 17.6 |
| 90                 | 3.97 | 4.07 | 4.17 | 4.28 | 4.38 | 4.48 | 4.59 | 4.90 | 5.21 | 5.52 | 5.83 | 6.14 | 6.45 | 6.14 | 5.84 | 5.53 | 5.23 | 4.92 | 4.61 |
| 100                | 3.97 | 4.01 | 4.01 | 4.02 | 4.03 | 4.04 | 4.04 | 4.03 | 4.02 | 4.00 | 4.00 | 3.99 | 3.98 | 3.95 | 3.94 | 3.93 | 3.93 | 3.93 | 3.93 |
| 110                | 3.97 | 3.96 | 3.94 | 3.94 | 3.93 | 3.91 | 3.89 | 3.87 | 3.87 | 3.87 | 3.87 | 3.88 | 3.89 | 3.90 | 3.93 | 3.96 | 4.00 | 4.03 | 4.06 |
| 120                | 3.97 | 3.92 | 3.91 | 3.89 | 3.88 | 3.88 | 3.88 | 3.87 | 3.93 | 4.00 | 4.09 | 4.16 | 4.23 | 4.32 | 4.46 | 4.59 | 4.71 | 4.81 | 4.88 |
| 130                | 3.97 | 3.89 | 3.88 | 3.88 | 3.90 | 3.94 | 4.00 | 4.11 | 4.27 | 4.46 | 4.65 | 4.82 | 4.98 | 5.12 | 5.32 | 5.50 | 5.65 | 5.76 | 5.84 |
| 140                | 3.97 | 3.88 | 3.87 | 3.89 | 3.96 | 4.09 | 4.28 | 4.52 | 4.77 | 5.04 | 5.30 | 5.53 | 5.73 | 5.91 | 6.05 | 6.21 | 6.32 | 6.42 | 6.48 |
| 150                | 3.97 | 3.87 | 3.87 | 3.92 | 4.06 | 4.30 | 4.61 | 4.95 | 5.27 | 5.56 | 5.80 | 6.03 | 6.21 | 6.38 | 6.53 | 6.67 | 6.84 | 7.00 | 7.13 |
| 160                | 3.97 | 3.86 | 3.87 | 3.97 | 4.18 | 4.52 | 4.92 | 5.31 | 5.65 | 5.93 | 6.14 | 6.32 | 6.50 | 6.72 | 6.97 | 7.21 | 7.45 | 7.77 | 8.01 |
| 170                | 3.97 | 3.86 | 3.87 | 4.01 | 4.29 | 4.69 | 5.15 | 5.56 | 5.89 | 6.14 | 6.35 | 6.58 | 6.84 | 7.12 | 7.41 | 7.68 | 7.98 | 8.28 | 8.64 |
| 180                | 3.97 | 3.85 | 3.87 | 4.03 | 4.35 | 4.81 | 5.30 | 5.71 | 6.03 | 6.26 | 6.48 | 6.75 | 7.08 | 7.40 | 7.68 | 7.87 | 8.04 | 8.29 | 8.62 |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2026-07-08

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                  |  |  |  |  |  |  |  |  |               |  |  |  |  |                  |  |  |  |  |
|----------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|---------------|--|--|--|--|------------------|--|--|--|--|
| Test:U:219.60V I:0.1120A P:23.900W PF:0.9690 Freq:50.00Hz Lamp Flux:1485.32x1 lm |  |  |  |  |  |  |  |  |               |  |  |  |  |                  |  |  |  |  |
| NAME: Auroring Micro-197mm-RGBW-ALL-35D                                          |  |  |  |  |  |  |  |  | TYPE:RGBW ALL |  |  |  |  | WEIGHT:00        |  |  |  |  |
| SPEC.:35 DEGREE                                                                  |  |  |  |  |  |  |  |  | DIM.: 197mm   |  |  |  |  | SERIAL No.:01    |  |  |  |  |
| MFR.: EVERFINE                                                                   |  |  |  |  |  |  |  |  | SUR.:0.8      |  |  |  |  | Shielding Angle: |  |  |  |  |

Table--2

UNIT: cd

| H (DEG)<br>V (DEG) | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| -180               | 8.71 | 8.84 | 8.97 | 8.96 | 8.73 | 8.28 | 7.59 | 6.73 | 5.79 | 4.90 | 4.16 | 3.60 | 3.22 | 3.01 | 2.97 | 3.00 | 3.08 | 3.23 |  |
| -170               | 8.60 | 8.62 | 8.73 | 8.80 | 8.73 | 8.39 | 7.74 | 6.90 | 5.96 | 5.05 | 4.26 | 3.67 | 3.26 | 3.04 | 2.99 | 3.00 | 3.08 | 3.23 |  |
| -160               | 9.16 | 9.10 | 9.04 | 8.94 | 8.70 | 8.24 | 7.56 | 6.71 | 5.80 | 4.93 | 4.19 | 3.63 | 3.25 | 3.04 | 2.99 | 3.00 | 3.08 | 3.23 |  |
| -150               | 9.12 | 9.04 | 8.93 | 8.64 | 8.22 | 7.63 | 6.94 | 6.16 | 5.34 | 4.59 | 3.97 | 3.51 | 3.19 | 3.04 | 3.00 | 3.01 | 3.08 | 3.23 |  |
| -140               | 8.00 | 7.96 | 7.84 | 7.66 | 7.15 | 6.57 | 5.93 | 5.28 | 4.67 | 4.12 | 3.67 | 3.35 | 3.13 | 3.03 | 3.00 | 3.02 | 3.10 | 3.23 |  |
| -130               | 6.15 | 6.14 | 6.07 | 5.94 | 5.69 | 5.25 | 4.80 | 4.36 | 3.97 | 3.64 | 3.37 | 3.18 | 3.07 | 3.02 | 3.01 | 3.04 | 3.11 | 3.23 |  |
| -120               | 4.45 | 4.46 | 4.44 | 4.38 | 4.28 | 4.07 | 3.84 | 3.63 | 3.43 | 3.28 | 3.15 | 3.07 | 3.02 | 3.01 | 3.02 | 3.06 | 3.12 | 3.23 |  |
| -110               | 3.55 | 3.53 | 3.50 | 3.47 | 3.42 | 3.34 | 3.26 | 3.19 | 3.13 | 3.07 | 3.03 | 3.01 | 3.01 | 3.02 | 3.04 | 3.08 | 3.15 | 3.23 |  |
| -100               | 3.27 | 3.24 | 3.20 | 3.17 | 3.14 | 3.11 | 3.09 | 3.07 | 3.05 | 3.04 | 3.02 | 3.00 | 3.02 | 3.04 | 3.07 | 3.12 | 3.18 | 3.23 |  |
| -90                | 3.32 | 3.29 | 3.26 | 3.22 | 3.19 | 3.16 | 3.14 | 3.12 | 3.10 | 3.08 | 3.06 | 3.05 | 3.08 | 3.11 | 3.14 | 3.17 | 3.20 | 3.23 |  |
| -80                | 4.39 | 4.16 | 3.93 | 3.72 | 3.54 | 3.42 | 3.42 | 3.40 | 3.35 | 3.30 | 3.26 | 3.22 | 3.28 | 3.29 | 3.27 | 3.24 | 3.24 | 3.23 |  |
| -70                | 19.1 | 17.3 | 15.1 | 12.7 | 10.3 | 8.45 | 7.91 | 7.19 | 6.39 | 5.63 | 4.93 | 4.28 | 4.18 | 3.92 | 3.64 | 3.42 | 3.28 | 3.23 |  |
| -60                | 44.0 | 41.3 | 37.9 | 34.0 | 29.5 | 26.7 | 24.4 | 21.7 | 18.7 | 15.3 | 11.8 | 9.36 | 7.60 | 5.88 | 4.60 | 3.75 | 3.35 | 3.23 |  |
| -50                | 75.1 | 70.1 | 64.3 | 58.0 | 52.2 | 48.9 | 44.7 | 39.9 | 34.8 | 29.4 | 24.0 | 18.8 | 13.7 | 9.72 | 6.44 | 4.36 | 3.46 | 3.23 |  |
| -40                | 139  | 124  | 107  | 91.0 | 83.0 | 75.1 | 66.9 | 59.0 | 51.3 | 43.7 | 36.6 | 29.2 | 21.7 | 14.7 | 9.18 | 5.22 | 3.57 | 3.23 |  |
| -30                | 302  | 249  | 196  | 167  | 143  | 119  | 98.9 | 81.7 | 69.2 | 58.3 | 48.3 | 38.8 | 29.4 | 20.1 | 12.1 | 6.28 | 3.69 | 3.23 |  |
| -20                | 677  | 500  | 411  | 333  | 259  | 196  | 151  | 117  | 92.0 | 73.2 | 59.0 | 47.0 | 35.9 | 24.9 | 14.9 | 7.30 | 3.82 | 3.23 |  |
| -10                | 1248 | 1041 | 823  | 626  | 461  | 326  | 230  | 162  | 117  | 87.7 | 67.9 | 53.2 | 40.7 | 28.6 | 17.1 | 8.17 | 3.93 | 3.23 |  |
| 0                  | 2009 | 1736 | 1367 | 990  | 675  | 447  | 295  | 198  | 135  | 97.6 | 73.5 | 57.0 | 43.6 | 30.7 | 18.4 | 8.67 | 3.98 | 3.23 |  |
| 10                 | 2084 | 1687 | 1261 | 884  | 599  | 400  | 269  | 183  | 128  | 93.8 | 71.5 | 55.7 | 42.5 | 29.8 | 17.8 | 8.41 | 3.97 | 3.23 |  |
| 20                 | 1333 | 1030 | 785  | 576  | 410  | 288  | 205  | 147  | 109  | 83.3 | 65.5 | 51.6 | 39.3 | 27.4 | 16.2 | 7.73 | 3.90 | 3.23 |  |
| 30                 | 637  | 519  | 398  | 312  | 243  | 186  | 141  | 109  | 86.7 | 69.9 | 56.7 | 45.2 | 34.2 | 23.5 | 13.8 | 6.84 | 3.80 | 3.23 |  |
| 40                 | 278  | 242  | 201  | 163  | 137  | 115  | 95.4 | 79.8 | 66.9 | 56.0 | 46.2 | 36.8 | 27.5 | 18.5 | 10.9 | 5.79 | 3.70 | 3.23 |  |
| 50                 | 130  | 119  | 106  | 93.7 | 82.3 | 73.7 | 65.5 | 57.5 | 49.8 | 42.0 | 34.3 | 27.0 | 19.7 | 13.0 | 7.93 | 4.82 | 3.60 | 3.23 |  |
| 60                 | 71.7 | 67.8 | 63.3 | 58.1 | 52.8 | 48.1 | 43.4 | 38.4 | 33.0 | 27.5 | 21.8 | 16.5 | 11.9 | 8.24 | 5.68 | 4.16 | 3.50 | 3.23 |  |
| 70                 | 41.3 | 38.9 | 36.0 | 32.8 | 29.2 | 25.6 | 22.8 | 19.8 | 16.5 | 13.3 | 10.4 | 8.12 | 6.62 | 5.17 | 4.32 | 3.77 | 3.44 | 3.23 |  |
| 80                 | 16.3 | 14.8 | 13.1 | 11.5 | 9.76 | 8.15 | 7.37 | 6.63 | 5.94 | 5.34 | 4.92 | 4.61 | 4.29 | 4.02 | 3.79 | 3.59 | 3.41 | 3.23 |  |
| 90                 | 4.52 | 4.43 | 4.33 | 4.24 | 4.15 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 3.92 | 3.78 | 3.64 | 3.51 | 3.37 | 3.23 |  |
| 100                | 3.93 | 3.92 | 3.92 | 3.92 | 3.91 | 3.90 | 3.90 | 3.90 | 3.90 | 3.90 | 3.90 | 3.90 | 3.78 | 3.66 | 3.55 | 3.44 | 3.34 | 3.23 |  |
| 110                | 4.11 | 4.14 | 4.17 | 4.19 | 4.20 | 4.18 | 4.12 | 4.06 | 4.00 | 3.95 | 3.90 | 3.84 | 3.70 | 3.58 | 3.47 | 3.38 | 3.30 | 3.23 |  |
| 120                | 4.96 | 5.01 | 5.02 | 5.02 | 4.99 | 4.89 | 4.75 | 4.60 | 4.44 | 4.29 | 4.14 | 3.89 | 3.68 | 3.52 | 3.41 | 3.32 | 3.26 | 3.23 |  |
| 130                | 5.90 | 5.93 | 5.93 | 5.92 | 5.85 | 5.71 | 5.53 | 5.31 | 5.06 | 4.80 | 4.46 | 4.02 | 3.70 | 3.48 | 3.34 | 3.27 | 3.23 | 3.23 |  |
| 140                | 6.53 | 6.55 | 6.54 | 6.51 | 6.40 | 6.26 | 6.10 | 5.90 | 5.64 | 5.24 | 4.66 | 4.14 | 3.72 | 3.45 | 3.28 | 3.22 | 3.20 | 3.23 |  |
| 150                | 7.21 | 7.23 | 7.19 | 7.02 | 6.83 | 6.63 | 6.44 | 6.25 | 5.86 | 5.32 | 4.73 | 4.16 | 3.69 | 3.39 | 3.23 | 3.16 | 3.16 | 3.23 |  |
| 160                | 8.11 | 8.13 | 7.93 | 7.64 | 7.32 | 7.00 | 6.72 | 6.36 | 5.86 | 5.29 | 4.66 | 4.08 | 3.61 | 3.29 | 3.15 | 3.10 | 3.13 | 3.23 |  |
| 170                | 8.68 | 8.53 | 8.33 | 8.19 | 8.01 | 7.67 | 7.19 | 6.58 | 5.89 | 5.16 | 4.47 | 3.90 | 3.44 | 3.17 | 3.07 | 3.05 | 3.11 | 3.23 |  |
| 180                | 8.71 | 8.84 | 8.97 | 8.96 | 8.73 | 8.28 | 7.59 | 6.73 | 5.79 | 4.90 | 4.16 | 3.60 | 3.22 | 3.01 | 2.97 | 3.00 | 3.08 | 3.23 |  |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2026-07-08

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
γ Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks: