

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

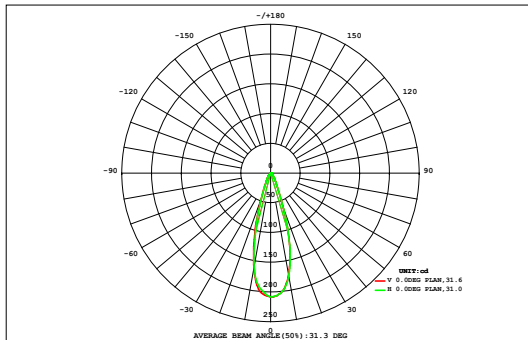
|                                           |                |                         |
|-------------------------------------------|----------------|-------------------------|
| Maximum Intensity                         |                | 2927.6 cd per klm.      |
| (Luminaire orientation as tested.)        |                | 0.5 degrees vertical    |
|                                           |                | -0.5 degrees horizontal |
| Beam Spread                               | At 10% of Imax | 53.6V x 54.2H           |
|                                           | At 50% of Imax | 31.0V x 31.6H           |
|                                           | At 90% of Imax | 15.2V x 15.5H           |
| Beam Flux                                 | Total          | 1000.5 lumens per klm.  |
|                                           | To 10% of Imax | 825.0 lumens per klm.   |
|                                           | To 50% of Imax | 518.6 lumens per klm.   |
|                                           | To 90% of Imax | 157.7 lumens per klm.   |
|                                           | Upward LOR     | 0.6 %                   |
|                                           | Downward LOR   | 99.5 %                  |
| Luminaire Efficiency (Light Output Ratio) |                | 100.0 %                 |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 20DEG  
Operators: 01  
Test Date: 2026-02-06

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:219.89V I:0.0430A P:8.3000W PF:0.9000 Freq:49.37Hz Lamp Flux:71.1956x1 lm |                |                  |
| NAME:Nuit 100-100mm-RGBW BLUE-30D-REV1                                           | TYPE:RGBW-BLUE | WEIGHT:          |
| SPEC.:30 DEG                                                                     | DIA.:100mm     | SERIAL No.:      |
| MFR.: 001                                                                        | SUR.:          | Shielding Angle: |



| DATA OF LAMP     |         | Eff:8.58lm/W    |          |
|------------------|---------|-----------------|----------|
| MODEL            |         | Imax(cd)        | 208.4    |
| NOMINAL POWER(W) | 30      | AVAILABILITY(%) | 82.4     |
| RATED VOLTAGE(V) | 220     | Avai. FLUX(lm)  | 58.65    |
| NOMINAL FLUX(lm) | 71.1956 | LOR(%)          | 100.0    |
| LAMPS INSIDE     | 1       | TOTAL FLUX(lm)  | 71.20    |
| TEST VOLTAGE(V)  | 220     | θ @50% (H,V)    | 32,31DEG |

| VERTICAL( DEG )                                                           | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |      |      |      |      |      |      |      | UNIT:lm |      | Φ t  | Φ a  |
|---------------------------------------------------------------------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|------|------|
|                                                                           | 0.00              | 0.00 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00    | 0.00 | 0.25 | 0.00 |
| 45                                                                        | 0.00              | 0.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.04 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01    | 0.00 | 0.46 | 0.00 |
| 40                                                                        | 0.01              | 0.01 | 0.02 | 0.03 | 0.05 | 0.06 | 0.07 | 0.08 | 0.08 | 0.08 | 0.07 | 0.06 | 0.05 | 0.03 | 0.02 | 0.01    | 0.01 | 0.76 | 0.00 |
| 35                                                                        | 0.01              | 0.02 | 0.03 | 0.05 | 0.07 | 0.09 | 0.11 | 0.13 | 0.13 | 0.13 | 0.11 | 0.09 | 0.07 | 0.05 | 0.04 | 0.02    | 0.01 | 1.17 | 0.03 |
| 30                                                                        | 0.01              | 0.03 | 0.04 | 0.07 | 0.10 | 0.14 | 0.18 | 0.23 | 0.25 | 0.23 | 0.19 | 0.14 | 0.10 | 0.07 | 0.05 | 0.03    | 0.02 | 1.90 | 1.10 |
| 25                                                                        | 0.02              | 0.03 | 0.06 | 0.09 | 0.14 | 0.21 | 0.34 | 0.48 | 0.54 | 0.50 | 0.38 | 0.25 | 0.15 | 0.10 | 0.06 | 0.04    | 0.02 | 3.42 | 2.80 |
| 20                                                                        | 0.02              | 0.04 | 0.07 | 0.12 | 0.19 | 0.35 | 0.62 | 0.86 | 0.98 | 0.91 | 0.70 | 0.43 | 0.22 | 0.12 | 0.08 | 0.05    | 0.03 | 5.82 | 5.27 |
| 15                                                                        | 0.02              | 0.05 | 0.08 | 0.14 | 0.25 | 0.52 | 0.90 | 1.22 | 1.38 | 1.32 | 1.03 | 0.65 | 0.35 | 0.17 | 0.10 | 0.06    | 0.04 | 8.30 | 7.82 |
| 10                                                                        | 0.03              | 0.05 | 0.09 | 0.15 | 0.30 | 0.65 | 1.08 | 1.41 | 1.54 | 1.50 | 1.28 | 0.90 | 0.50 | 0.22 | 0.11 | 0.07    | 0.04 | 9.93 | 9.48 |
| 5                                                                         | 0.03              | 0.05 | 0.09 | 0.16 | 0.32 | 0.70 | 1.14 | 1.46 | 1.57 | 1.55 | 1.36 | 0.98 | 0.54 | 0.24 | 0.12 | 0.07    | 0.04 | 10.4 | 10.0 |
| 0                                                                         | 0.03              | 0.05 | 0.09 | 0.16 | 0.31 | 0.66 | 1.07 | 1.36 | 1.46 | 1.41 | 1.21 | 0.85 | 0.45 | 0.21 | 0.11 | 0.07    | 0.04 | 9.55 | 9.09 |
| -5                                                                        | 0.02              | 0.05 | 0.08 | 0.14 | 0.25 | 0.50 | 0.80 | 1.04 | 1.16 | 1.11 | 0.90 | 0.59 | 0.31 | 0.16 | 0.10 | 0.06    | 0.04 | 7.33 | 6.84 |
| -10                                                                       | 0.02              | 0.04 | 0.07 | 0.12 | 0.18 | 0.29 | 0.47 | 0.63 | 0.71 | 0.67 | 0.52 | 0.33 | 0.20 | 0.13 | 0.08 | 0.05    | 0.03 | 4.56 | 4.01 |
| -15                                                                       | 0.02              | 0.03 | 0.06 | 0.09 | 0.13 | 0.17 | 0.24 | 0.31 | 0.34 | 0.32 | 0.25 | 0.18 | 0.13 | 0.10 | 0.07 | 0.04    | 0.02 | 2.51 | 1.80 |
| -20                                                                       | 0.01              | 0.03 | 0.04 | 0.06 | 0.09 | 0.11 | 0.14 | 0.16 | 0.17 | 0.17 | 0.15 | 0.12 | 0.09 | 0.07 | 0.05 | 0.03    | 0.02 | 1.52 | 0.40 |
| -25                                                                       | 0.01              | 0.02 | 0.03 | 0.04 | 0.06 | 0.08 | 0.09 | 0.10 | 0.11 | 0.10 | 0.09 | 0.08 | 0.06 | 0.05 | 0.03 | 0.02    | 0.01 | 0.99 | 0.00 |
| -30                                                                       | 0.01              | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.06 | 0.07 | 0.06 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 | 0.01    | 0.01 | 0.61 | 0.00 |
| -35                                                                       | 0.00              | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01    | 0.00 | 0.34 | 0.00 |
| -40                                                                       | 0.00              | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01    | 0.00 | 0.34 | 0.00 |
| -45                                                                       | 0.00              | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01    | 0.00 | 0.34 | 0.00 |
| -45 -40 -35 -30 -25 -20 -15 -10 HORIZONTAL( DEG ) 10 15 20 25 30 35 40 45 |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |      |      |
| Φ t                                                                       | 0.27              | 0.53 | 0.92 | 1.49 | 2.53 | 4.66 | 7.41 | 9.63 | 10.6 | 10.2 | 8.40 | 5.78 | 3.33 | 1.80 | 1.08 | 0.67    | 0.39 | 0.20 | 70   |
| Φ a                                                                       | 0.00              | 0.00 | 0.00 | 0.50 | 1.83 | 4.04 | 6.83 | 9.08 | 10.1 | 9.63 | 7.85 | 5.18 | 2.65 | 0.96 | 0.04 | 0.00    | 0.00 | 0.00 | 59   |

one-half-peak spread: U:16.2,D:15.0 , L:15.7,R:16.0

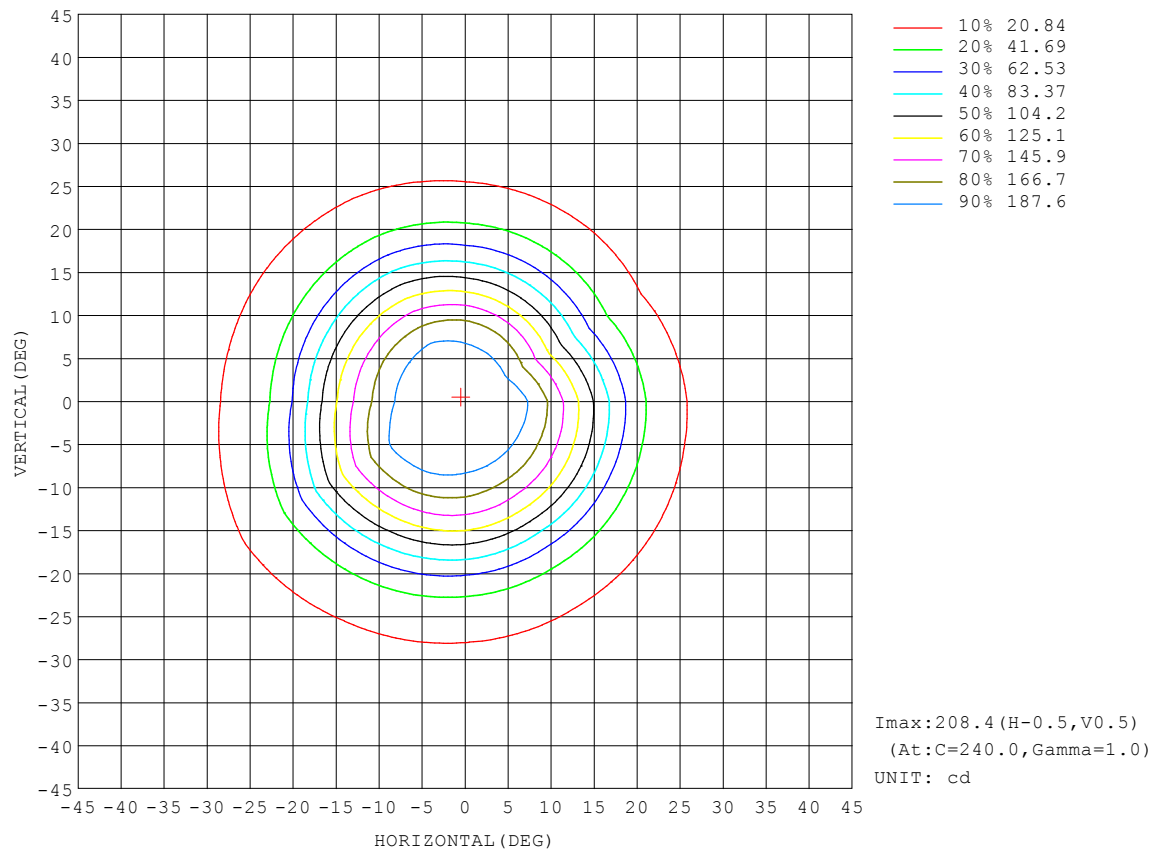
NEMA Beam Type: Type 4

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2026-02-06

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:219.89V I:0.0430A P:8.3000W PF:0.9000 Freq:49.37Hz Lamp Flux:71.1956x1 lm |                |                  |
| NAME:Nuit 100-100mm-RGBW BLUE-30D-REV1                                           | TYPE:RGBW-BLUE | WEIGHT:          |
| SPEC.:30 DEG                                                                     | DIA.:100mm     | SERIAL No.:      |
| MFR.: 001                                                                        | SUR.:          | Shielding Angle: |

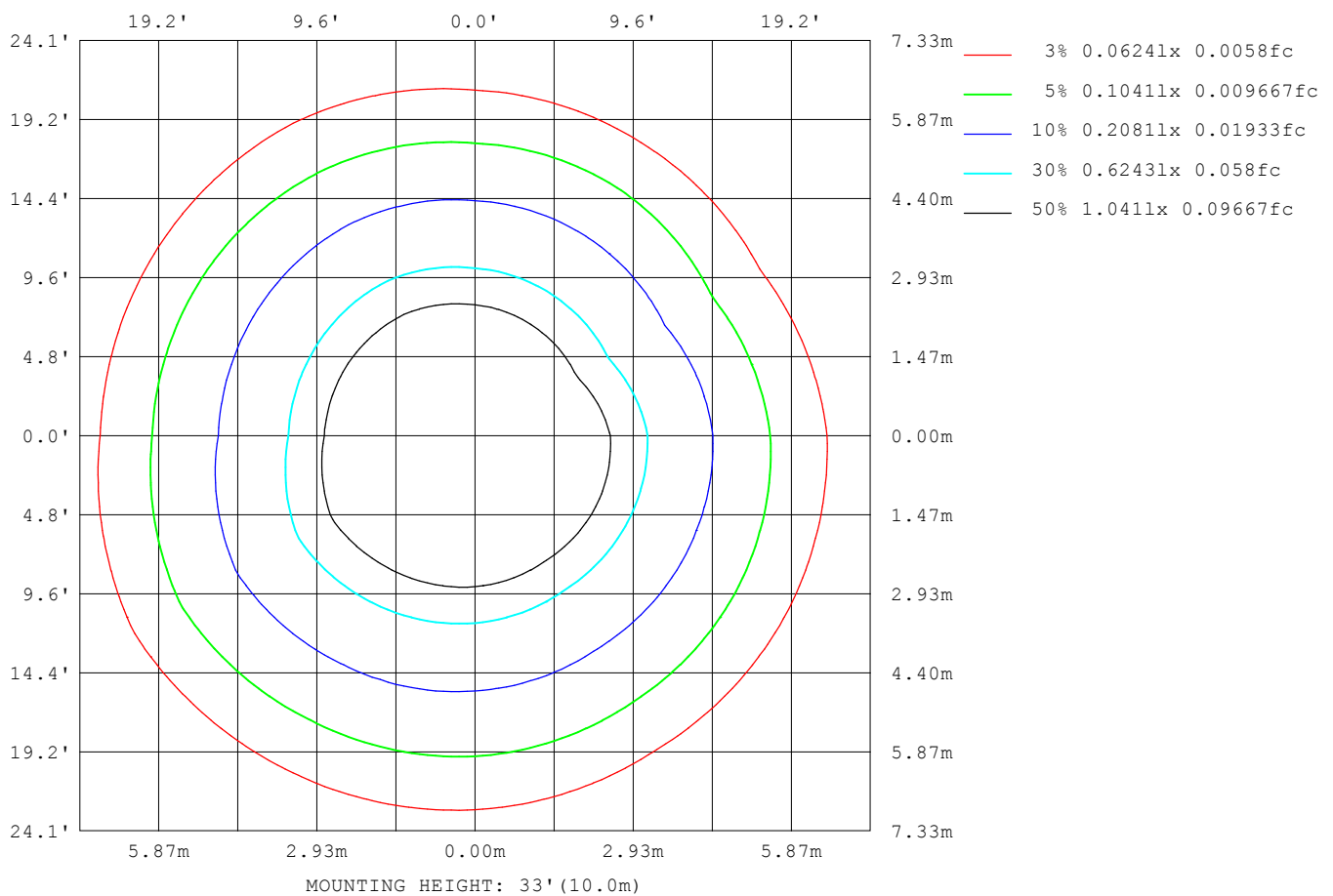


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2026-02-06

$\gamma$  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:

## ISOLUX DIAGRAM

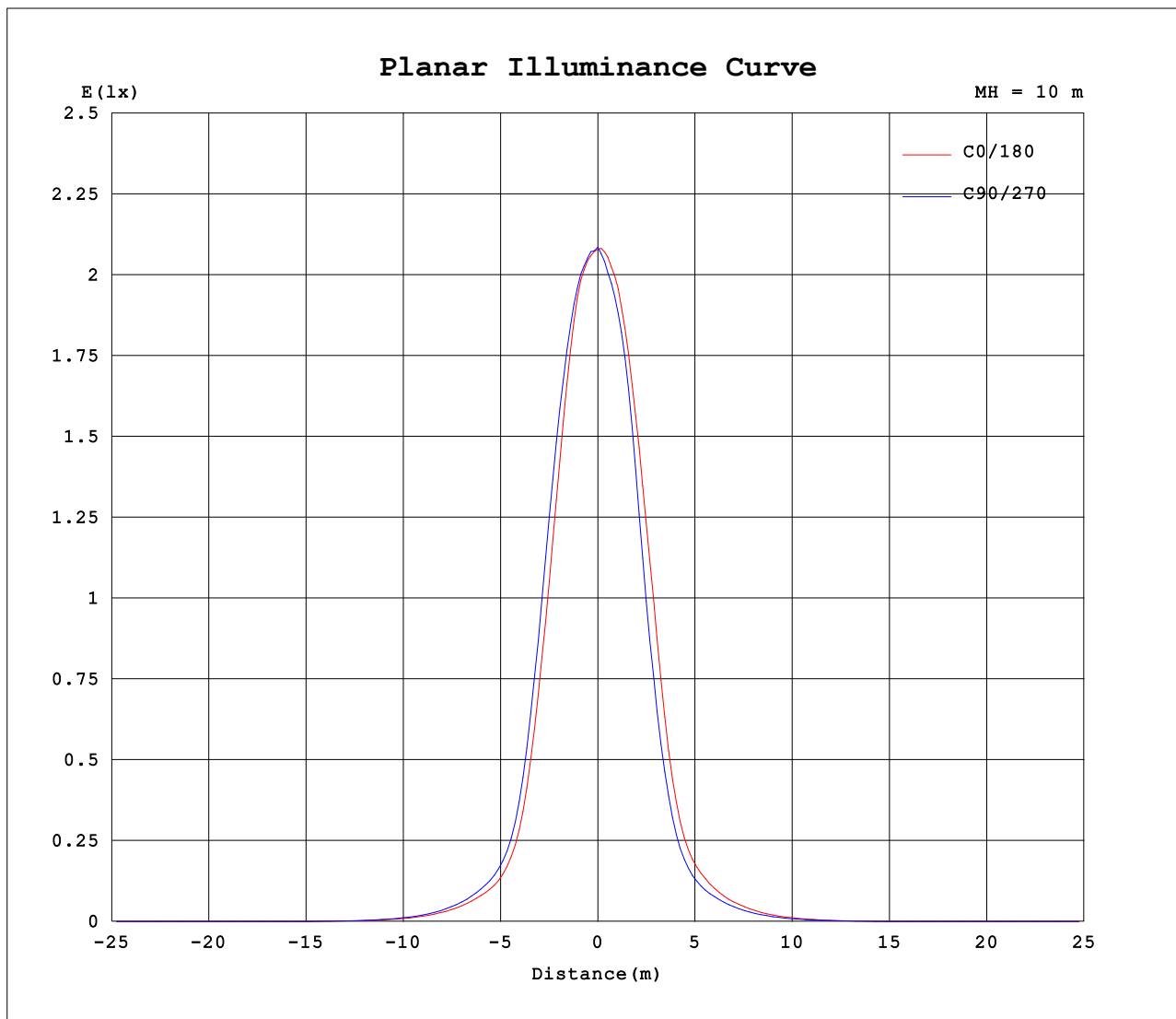
|                                                                                  |                |                  |
|----------------------------------------------------------------------------------|----------------|------------------|
| Test:U:219.89V I:0.0430A P:8.3000W PF:0.9000 Freq:49.37Hz Lamp Flux:71.1956x1 lm |                |                  |
| NAME:Nuit 100-100mm-RGBW BLUE-30D-REV1                                           | TYPE:RGBW-BLUE | WEIGHT:          |
| SPEC.:30 DEG                                                                     | DIA.:100mm     | SERIAL No.:      |
| MFR.: 001                                                                        | SUR.:          | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2026-02-06

$\gamma$  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

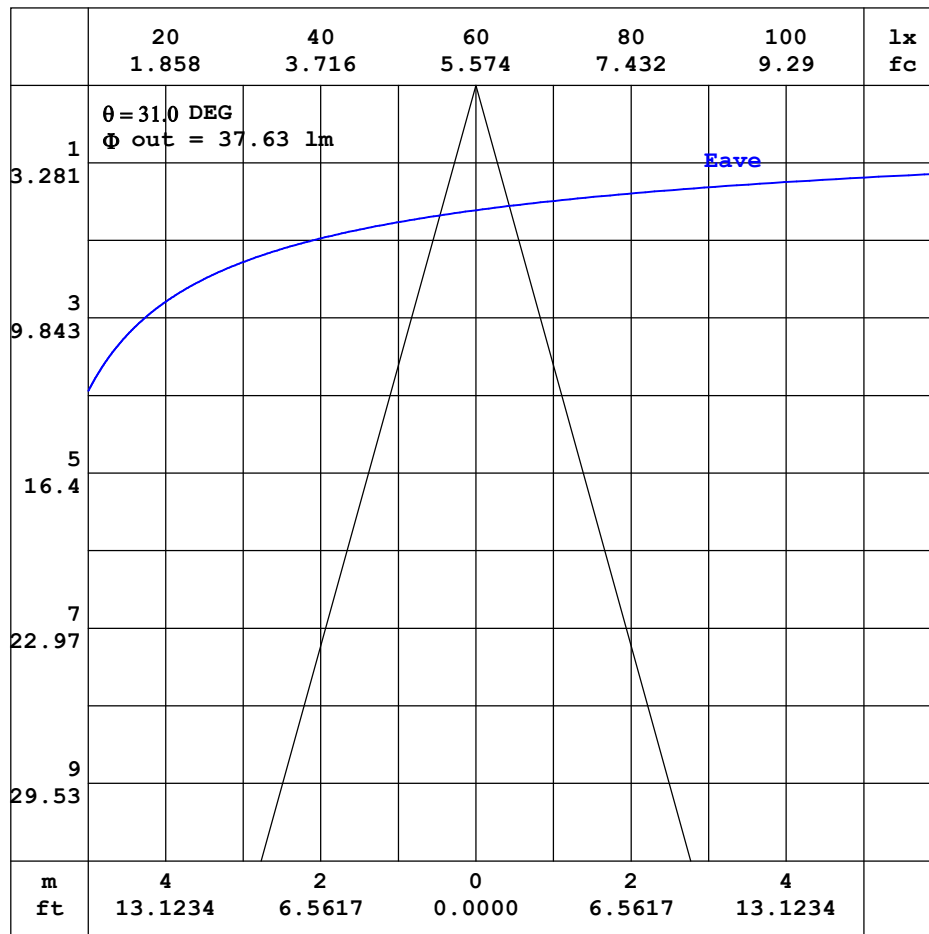


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 20DEG  
Operators: 01  
Test Date: 2026-02-06

$\gamma$  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 CURVES

|                                                                                  |                |                  |
|----------------------------------------------------------------------------------|----------------|------------------|
| Test:U:219.89V I:0.0430A P:8.3000W PF:0.9000 Freq:49.37Hz Lamp Flux:71.1956x1 lm |                |                  |
| NAME:Nuit 100-100mm-RGBW BLUE-30D-REV1                                           | TYPE:RGBW-BLUE | WEIGHT:          |
| SPEC.:30 DEG                                                                     | DIA.:100mm     | SERIAL No.:      |
| MFR.: 001                                                                        | 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: 30.0DEG  
Test Speed: HIGH  
Temperature: 20DEG  
Operators: 01  
Test Date: 2026-02-06

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:219.89V I:0.0430A P:8.3000W PF:0.9000 Freq:49.37Hz Lamp Flux:71.1956x1 lm |                |                  |
| NAME:Nuit 100-100mm-RGBW BLUE-30D-REV1                                           | TYPE:RGBW-BLUE | WEIGHT:          |
| SPEC.:30 DEG                                                                     | DIA.:100mm     | SERIAL No.:      |
| MFR.: 001                                                                        | SUR.:          | 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               | 0.07 | 0.05 | 0.04 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.04 | 0.07 | 0.11 | 0.18 | 0.25 | 0.33 | 0.39 | 0.41 | 0.41 | 0.41 |
| -170               | 0.07 | 0.06 | 0.04 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.04 | 0.06 | 0.10 | 0.16 | 0.24 | 0.32 | 0.38 | 0.40 | 0.40 | 0.42 |
| -160               | 0.07 | 0.06 | 0.05 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.05 | 0.07 | 0.11 | 0.16 | 0.21 | 0.26 | 0.29 | 0.34 | 0.38 |
| -150               | 0.07 | 0.06 | 0.06 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.05 | 0.06 | 0.08 | 0.11 | 0.15 | 0.18 | 0.21 |
| -140               | 0.07 | 0.07 | 0.06 | 0.06 | 0.04 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.04 | 0.06 | 0.07 |
| -130               | 0.07 | 0.08 | 0.07 | 0.07 | 0.06 | 0.05 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 |
| -120               | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 | 0.06 | 0.05 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 |
| -110               | 0.07 | 0.08 | 0.09 | 0.10 | 0.10 | 0.11 | 0.11 | 0.10 | 0.08 | 0.07 | 0.06 | 0.04 | 0.04 | 0.04 | 0.03 | 0.02 | 0.02 | 0.01 | 0.00 |
| -100               | 0.07 | 0.09 | 0.10 | 0.11 | 0.12 | 0.13 | 0.14 | 0.12 | 0.11 | 0.09 | 0.08 | 0.06 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 | 0.01 | 0.00 |
| -90                | 0.07 | 0.09 | 0.10 | 0.12 | 0.14 | 0.15 | 0.17 | 0.15 | 0.13 | 0.11 | 0.10 | 0.08 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 |
| -80                | 0.07 | 0.09 | 0.11 | 0.14 | 0.15 | 0.17 | 0.20 | 0.18 | 0.16 | 0.14 | 0.12 | 0.10 | 0.09 | 0.07 | 0.06 | 0.05 | 0.03 | 0.02 | 0.00 |
| -70                | 0.07 | 0.10 | 0.12 | 0.15 | 0.17 | 0.19 | 0.20 | 0.20 | 0.18 | 0.17 | 0.15 | 0.13 | 0.12 | 0.10 | 0.09 | 0.07 | 0.05 | 0.04 | 0.02 |
| -60                | 0.07 | 0.10 | 0.13 | 0.15 | 0.17 | 0.19 | 0.20 | 0.21 | 0.19 | 0.18 | 0.18 | 0.18 | 0.19 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.17 |
| -50                | 0.07 | 0.10 | 0.13 | 0.15 | 0.17 | 0.18 | 0.19 | 0.21 | 0.21 | 0.23 | 0.26 | 0.30 | 0.52 | 0.78 | 1.02 | 1.28 | 1.46 | 1.56 | 1.55 |
| -40                | 0.07 | 0.11 | 0.13 | 0.15 | 0.16 | 0.17 | 0.19 | 0.21 | 0.26 | 0.45 | 0.96 | 1.61 | 2.47 | 3.40 | 4.42 | 5.34 | 6.03 | 6.40 | 6.38 |
| -30                | 0.07 | 0.11 | 0.12 | 0.14 | 0.15 | 0.16 | 0.19 | 0.25 | 0.56 | 1.38 | 2.69 | 4.34 | 6.53 | 9.07 | 11.7 | 14.2 | 16.2 | 17.4 | 17.5 |
| -20                | 0.07 | 0.10 | 0.12 | 0.13 | 0.14 | 0.16 | 0.21 | 0.34 | 1.10 | 2.48 | 4.67 | 8.05 | 12.6 | 17.8 | 24.7 | 36.0 | 51.6 | 63.4 | 64.7 |
| -10                | 0.07 | 0.10 | 0.11 | 0.12 | 0.13 | 0.16 | 0.23 | 0.50 | 1.50 | 3.28 | 6.22 | 10.7 | 17.2 | 28.3 | 58.0 | 108  | 149  | 173  | 176  |
| 0                  | 0.07 | 0.10 | 0.11 | 0.11 | 0.12 | 0.16 | 0.22 | 0.54 | 1.55 | 3.37 | 6.45 | 11.1 | 18.0 | 29.8 | 63.6 | 124  | 174  | 202  | 208  |
| 10                 | 0.07 | 0.10 | 0.11 | 0.11 | 0.11 | 0.15 | 0.22 | 0.42 | 1.34 | 2.92 | 5.56 | 9.55 | 15.0 | 23.1 | 41.8 | 80.9 | 124  | 154  | 160  |
| 20                 | 0.07 | 0.10 | 0.10 | 0.10 | 0.11 | 0.13 | 0.19 | 0.28 | 0.86 | 1.94 | 3.69 | 6.38 | 9.87 | 14.2 | 19.2 | 27.0 | 37.4 | 46.2 | 46.7 |
| 30                 | 0.07 | 0.09 | 0.09 | 0.10 | 0.10 | 0.11 | 0.16 | 0.22 | 0.31 | 0.94 | 1.85 | 3.18 | 4.98 | 7.10 | 9.37 | 11.4 | 12.8 | 13.5 | 13.3 |
| 40                 | 0.07 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 | 0.16 | 0.21 | 0.27 | 0.62 | 1.13 | 1.80 | 2.59 | 3.44 | 4.13 | 4.64 | 4.89 | 4.83 |
| 50                 | 0.07 | 0.08 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.12 | 0.15 | 0.19 | 0.22 | 0.26 | 0.54 | 0.76 | 0.95 | 1.09 | 1.17 | 1.17 |
| 60                 | 0.07 | 0.08 | 0.08 | 0.08 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 0.06 | 0.07 | 0.07 | 0.08 | 0.10 | 0.12 | 0.15 | 0.17 | 0.18 | 0.18 |
| 70                 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 0.05 | 0.05 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.05 | 0.05 |
| 80                 | 0.07 | 0.07 | 0.07 | 0.06 | 0.05 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 |
| 90                 | 0.07 | 0.07 | 0.06 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100                | 0.07 | 0.07 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110                | 0.07 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120                | 0.07 | 0.06 | 0.04 | 0.03 | 0.03 | 0.02 | 0.01 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |
| 130                | 0.07 | 0.06 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 |
| 140                | 0.07 | 0.06 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.04 | 0.04 | 0.03 | 0.02 |
| 150                | 0.07 | 0.05 | 0.04 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.02 | 0.06 | 0.09 | 0.13 | 0.14 | 0.14 | 0.14 |
| 160                | 0.07 | 0.05 | 0.04 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.05 | 0.11 | 0.17 | 0.24 | 0.30 | 0.31 | 0.31 |
| 170                | 0.07 | 0.05 | 0.04 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.07 | 0.12 | 0.19 | 0.25 | 0.32 | 0.37 | 0.41 | 0.38 |
| 180                | 0.07 | 0.05 | 0.04 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.04 | 0.07 | 0.11 | 0.18 | 0.25 | 0.33 | 0.39 | 0.41 | 0.41 | 0.43 |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2026-02-06

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:219.89V I:0.0430A P:8.3000W PF:0.9000 Freq:49.37Hz Lamp Flux:71.1956x1 lm |  |  |  |  |  |  |  |  |                |  |  |  |  |                  |  |  |  |  |
| NAME:Nuit 100-100mm-RGBW BLUE-30D-REV1                                           |  |  |  |  |  |  |  |  | TYPE:RGBW-BLUE |  |  |  |  | WEIGHT:          |  |  |  |  |
| SPEC.:30 DEG                                                                     |  |  |  |  |  |  |  |  | DIA.:100mm     |  |  |  |  | SERIAL No.:      |  |  |  |  |
| MFR.: 001                                                                        |  |  |  |  |  |  |  |  | SUR.:          |  |  |  |  | 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               | 0.43 | 0.43 | 0.42 | 0.36 | 0.29 | 0.20 | 0.11 | 0.06 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |  |
| -170               | 0.41 | 0.42 | 0.42 | 0.36 | 0.27 | 0.19 | 0.11 | 0.05 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |  |
| -160               | 0.36 | 0.32 | 0.29 | 0.24 | 0.19 | 0.14 | 0.08 | 0.05 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |  |
| -150               | 0.19 | 0.16 | 0.12 | 0.10 | 0.08 | 0.06 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |  |
| -140               | 0.06 | 0.04 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -130               | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -120               | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |  |
| -110               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -100               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -90                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -80                | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |  |
| -70                | 0.02 | 0.03 | 0.04 | 0.05 | 0.05 | 0.05 | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 |  |
| -60                | 0.17 | 0.17 | 0.16 | 0.16 | 0.15 | 0.11 | 0.09 | 0.06 | 0.03 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 |  |
| -50                | 1.46 | 1.29 | 1.05 | 0.78 | 0.54 | 0.27 | 0.20 | 0.16 | 0.11 | 0.06 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 |  |
| -40                | 6.03 | 5.34 | 4.44 | 3.43 | 2.54 | 1.74 | 1.05 | 0.54 | 0.19 | 0.14 | 0.08 | 0.04 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 |  |
| -30                | 16.4 | 14.4 | 11.8 | 9.29 | 6.87 | 4.71 | 2.98 | 1.70 | 0.81 | 0.24 | 0.15 | 0.09 | 0.05 | 0.03 | 0.02 | 0.02 | 0.01 | 0.00 |  |
| -20                | 55.0 | 39.0 | 26.2 | 18.3 | 13.1 | 9.06 | 5.71 | 3.29 | 1.69 | 0.72 | 0.21 | 0.13 | 0.07 | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 |  |
| -10                | 158  | 123  | 73.5 | 35.7 | 19.5 | 12.8 | 8.14 | 4.71 | 2.44 | 1.10 | 0.33 | 0.17 | 0.09 | 0.05 | 0.03 | 0.03 | 0.01 | 0.00 |  |
| 0                  | 201  | 162  | 103  | 49.8 | 23.0 | 13.8 | 8.91 | 5.21 | 2.70 | 1.25 | 0.43 | 0.18 | 0.11 | 0.06 | 0.04 | 0.03 | 0.01 | 0.00 |  |
| 10                 | 136  | 94.1 | 51.5 | 27.0 | 16.1 | 11.0 | 7.14 | 4.18 | 2.20 | 1.01 | 0.31 | 0.17 | 0.10 | 0.06 | 0.04 | 0.03 | 0.01 | 0.00 |  |
| 20                 | 40.3 | 29.5 | 20.0 | 14.1 | 10.1 | 6.77 | 4.34 | 2.60 | 1.37 | 0.60 | 0.22 | 0.14 | 0.08 | 0.05 | 0.03 | 0.02 | 0.01 | 0.00 |  |
| 30                 | 12.6 | 11.1 | 9.07 | 7.03 | 5.12 | 3.45 | 2.16 | 1.20 | 0.60 | 0.24 | 0.16 | 0.10 | 0.06 | 0.05 | 0.03 | 0.02 | 0.01 | 0.00 |  |
| 40                 | 4.56 | 4.03 | 3.36 | 2.63 | 1.92 | 1.29 | 0.76 | 0.30 | 0.21 | 0.15 | 0.10 | 0.07 | 0.05 | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 |  |
| 50                 | 1.10 | 0.97 | 0.79 | 0.58 | 0.33 | 0.21 | 0.17 | 0.13 | 0.10 | 0.08 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 | 0.02 | 0.01 | 0.00 |  |
| 60                 | 0.17 | 0.15 | 0.13 | 0.11 | 0.08 | 0.06 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 |  |
| 70                 | 0.04 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 |  |
| 80                 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |  |
| 90                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 100                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 110                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 120                | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |  |
| 130                | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 140                | 0.03 | 0.04 | 0.05 | 0.05 | 0.03 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 150                | 0.15 | 0.16 | 0.15 | 0.12 | 0.08 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |  |
| 160                | 0.33 | 0.33 | 0.29 | 0.23 | 0.15 | 0.09 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |  |
| 170                | 0.43 | 0.41 | 0.37 | 0.31 | 0.24 | 0.16 | 0.08 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |  |
| 180                | 0.43 | 0.43 | 0.42 | 0.36 | 0.29 | 0.20 | 0.11 | 0.06 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |  |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2026-02-06

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: