

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                    |                        |
|------------------------------------|------------------------|
| Maximum Intensity                  | 3951.4 cd per klm.     |
| (Luminaire orientation as tested.) | 0.0 degrees vertical   |
|                                    | 0.0 degrees horizontal |

|             |                |               |
|-------------|----------------|---------------|
| Beam Spread | At 10% of Imax | 45.5V x 47.5H |
|             | At 50% of Imax | 26.0V x 25.7H |
|             | At 90% of Imax | 13.2V x 12.9H |

|           |                |                        |
|-----------|----------------|------------------------|
| Beam Flux | Total          | 1000.1 lumens per klm. |
|           | To 10% of Imax | 818.7 lumens per klm.  |
|           | To 50% of Imax | 499.8 lumens per klm.  |
|           | To 90% of Imax | 169.0 lumens per klm.  |

|              |        |
|--------------|--------|
| Upward LOR   | 2.4 %  |
| Downward LOR | 97.6 % |

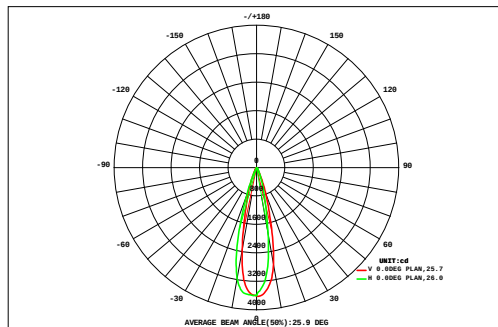
|                                          |         |
|------------------------------------------|---------|
| Luminaire Efficiency(Light Output Ratio) | 100.0 % |
|------------------------------------------|---------|

H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:Fan  
Test Date:2023-10-18

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.351  
Humidity:65.0%  
Test Distance:8.630m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

|                                  |            |                      |
|----------------------------------|------------|----------------------|
| NAME:Nuit 60-60mm-3000K-25D-Rev1 | TYPE:3000K | WEIGHT:              |
| SPEC.:25 DEG                     | DIM.:60MM  | SERIAL No.:IES001928 |
| MFR.:                            | SUR.:      | Shielding Angle:     |



| DATA OF LAMP     |       | Eff:87.15lm/W   |          |
|------------------|-------|-----------------|----------|
| MODEL            |       | Imax(cd)        | 3616     |
| NOMINAL POWER(W) | 10.5  | AVAILABILITY(%) | 81.8     |
| RATED VOLTAGE(V) | 220   | Avai. FLUX(lm)  | 748.5    |
| NOMINAL FLUX(lm) | 915.1 | LOR(%)          | 100.0    |
| LAMPS INSIDE     | 1     | TOTAL FLUX(lm)  | 915.1    |
| TEST VOLTAGE(V)  | 220   | q @50%(H,V)     | 26,26DEG |

|                |      | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |                  |      |      |      |      |      |      | UNIT:lm |      |      |      | F t  | F a |  |
|----------------|------|-------------------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|---------|------|------|------|------|-----|--|
|                |      | 0.08              | 0.12 | 0.16 | 0.22 | 0.28 | 0.34 | 0.38 | 0.41 | 0.43             | 0.43 | 0.41 | 0.38 | 0.34 | 0.28 | 0.22 | 0.16    | 0.12 | 0.08 | 4.85 | 0.00 |     |  |
| VERTICAL (DEG) | 45   | 0.10              | 0.15 | 0.21 | 0.29 | 0.38 | 0.46 | 0.53 | 0.57 | 0.60             | 0.59 | 0.57 | 0.52 | 0.46 | 0.37 | 0.29 | 0.21    | 0.15 | 0.10 | 6.54 | 0.00 |     |  |
|                | 40   | 0.12              | 0.18 | 0.26 | 0.37 | 0.50 | 0.63 | 0.74 | 0.83 | 0.87             | 0.86 | 0.82 | 0.73 | 0.62 | 0.49 | 0.37 | 0.26    | 0.18 | 0.12 | 8.95 | 0.00 |     |  |
|                | 35   | 0.14              | 0.21 | 0.33 | 0.48 | 0.67 | 0.89 | 1.11 | 1.30 | 1.40             | 1.39 | 1.28 | 1.08 | 0.87 | 0.65 | 0.47 | 0.33    | 0.21 | 0.13 | 13.0 | 0.00 |     |  |
|                | 30   | 0.16              | 0.26 | 0.41 | 0.62 | 0.93 | 1.34 | 1.87 | 2.36 | 2.63             | 2.62 | 2.31 | 1.79 | 1.28 | 0.90 | 0.61 | 0.40    | 0.24 | 0.14 | 20.9 | 3.82 |     |  |
|                | 25   | 0.17              | 0.29 | 0.49 | 0.81 | 1.33 | 2.16 | 3.24 | 4.37 | 5.06             | 5.06 | 4.35 | 3.19 | 2.09 | 1.26 | 0.78 | 0.46    | 0.26 | 0.14 | 35.5 | 24.9 |     |  |
|                | 20   | 0.19              | 0.32 | 0.56 | 1.00 | 1.88 | 3.28 | 5.35 | 7.99 | 10.00            | 10.0 | 8.09 | 5.45 | 3.28 | 1.83 | 0.96 | 0.50    | 0.26 | 0.14 | 61.1 | 53.0 |     |  |
|                | 15   | 0.19              | 0.33 | 0.61 | 1.19 | 2.44 | 4.63 | 8.29 | 14.2 | 18.8             | 18.8 | 14.5 | 8.80 | 5.01 | 2.59 | 1.18 | 0.54    | 0.25 | 0.12 | 102  | 95.7 |     |  |
|                | 10   | 0.18              | 0.32 | 0.62 | 1.30 | 2.87 | 5.87 | 11.6 | 20.3 | 25.3             | 25.1 | 21.2 | 13.7 | 7.04 | 3.33 | 1.35 | 0.54    | 0.23 | 0.10 | 141  | 135  |     |  |
|                | 5    | 0.16              | 0.28 | 0.57 | 1.27 | 3.00 | 6.66 | 13.9 | 23.4 | 27.2             | 27.0 | 23.9 | 16.1 | 7.91 | 3.47 | 1.31 | 0.49    | 0.19 | 0.08 | 157  | 151  |     |  |
|                | 0    | 0.13              | 0.22 | 0.44 | 1.05 | 2.64 | 6.30 | 13.2 | 21.7 | 25.6             | 25.3 | 21.5 | 14.0 | 6.87 | 2.83 | 1.05 | 0.38    | 0.15 | 0.06 | 143  | 138  |     |  |
| -15            | 0.10 | 0.15              | 0.29 | 0.71 | 1.86 | 4.35 | 8.78 | 14.7 | 19.1 | 19.1             | 15.0 | 9.14 | 4.46 | 1.85 | 0.69 | 0.25 | 0.10    | 0.05 | 101  | 95.4 |      |     |  |
|                | -20  | 0.06              | 0.09 | 0.15 | 0.37 | 0.98 | 2.23 | 4.33 | 7.13 | 9.51             | 9.57 | 7.23 | 4.36 | 2.20 | 0.94 | 0.36 | 0.13    | 0.06 | 0.03 | 49.7 | 43.3 |     |  |
|                | -25  | 0.04              | 0.05 | 0.07 | 0.15 | 0.38 | 0.86 | 1.63 | 2.63 | 3.38             | 3.37 | 2.60 | 1.58 | 0.83 | 0.37 | 0.15 | 0.07    | 0.04 | 0.02 | 18.2 | 8.29 |     |  |
|                | -30  | 0.02              | 0.02 | 0.03 | 0.06 | 0.12 | 0.22 | 0.43 | 0.70 | 0.87             | 0.86 | 0.69 | 0.42 | 0.22 | 0.12 | 0.06 | 0.04    | 0.02 | 0.01 | 4.91 | 0.00 |     |  |
|                | -35  | 0.01              | 0.01 | 0.01 | 0.03 | 0.04 | 0.06 | 0.09 | 0.12 | 0.14             | 0.14 | 0.12 | 0.09 | 0.06 | 0.04 | 0.03 | 0.02    | 0.01 | 0.01 | 1.04 | 0.00 |     |  |
| -40            | 0.01 | 0.01              | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04             | 0.03 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01    | 0.01 | 0.31 | 0.00 |      |     |  |
|                | -45  | 0.00              | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01             | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01    | 0.01 | 0.11 | 0.00 |      |     |  |
|                |      | -45               | -40  | -35  | -30  | -25  | -20  | -15  | -10  | HORIZONTAL (DEG) |      |      |      | 10   | 15   | 20   | 25      | 30   | 35   | 40   | 45   |     |  |
| F t            | 1.86 | 3.00              | 5.23 | 9.95 | 20.3 | 40.3 | 75.6 | 123  | 151  | 150              | 125  | 81.3 | 43.5 | 21.3 | 9.87 | 4.78 | 2.47    | 1.34 | 869  | ---  |      |     |  |
| F a            | 0.00 | 0.00              | 0.00 | 0.00 | 7.48 | 31.8 | 68.3 | 116  | 144  | 144              | 118  | 74.0 | 35.2 | 9.86 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | 749  |      |     |  |

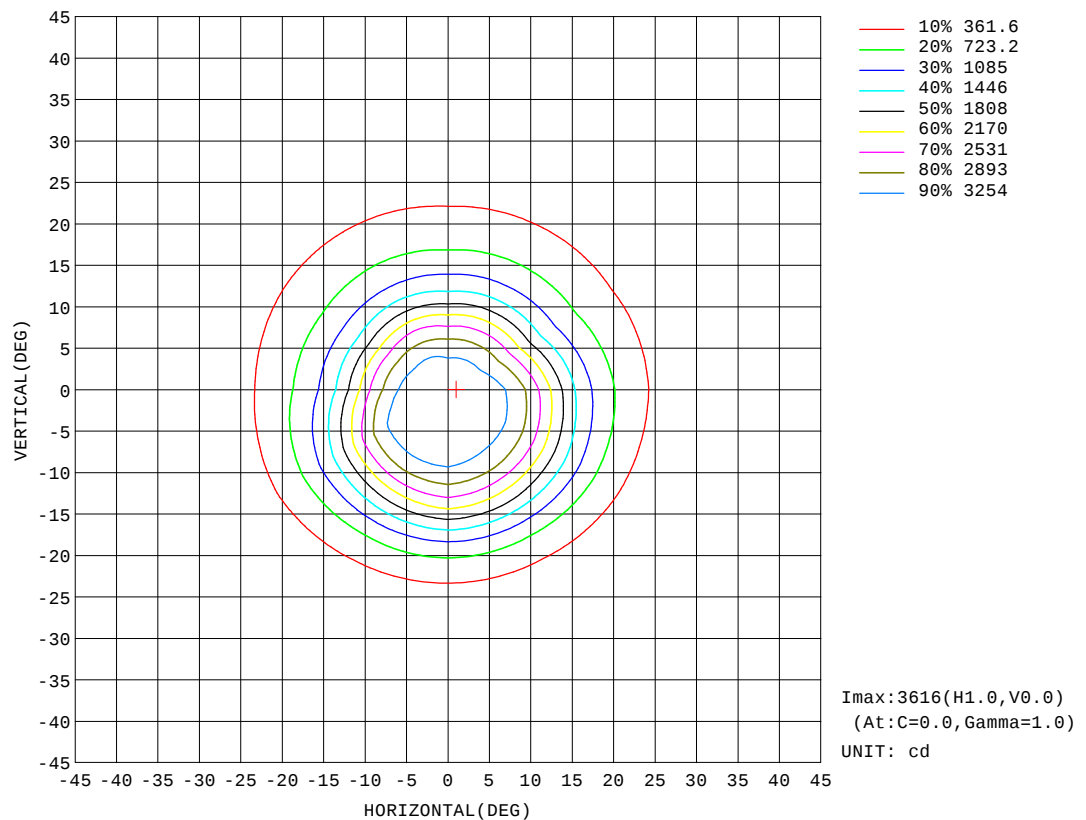
one-half-peak spread: U:14.2,D:10.4 , L:13.1, ~~NEVA~~ Beam Type: Type 4 x 3 (H x V)

H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature: 25.3DEG  
Operators: Fan  
Test Date: 2023-10-18

V(B) Range: -180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.0.351  
Humidity: 65.0%  
Test Distance: 8.630m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

|                                  |            |                      |
|----------------------------------|------------|----------------------|
| NAME:Nuit 60-60mm-3000K-25D-Rev1 | TYPE:3000K | WEIGHT:              |
| SPEC.:25 DEG                     | DIM.:60MM  | SERIAL No.:IES001928 |
| MFR.:                            | SUR.:      | Shielding Angle:     |

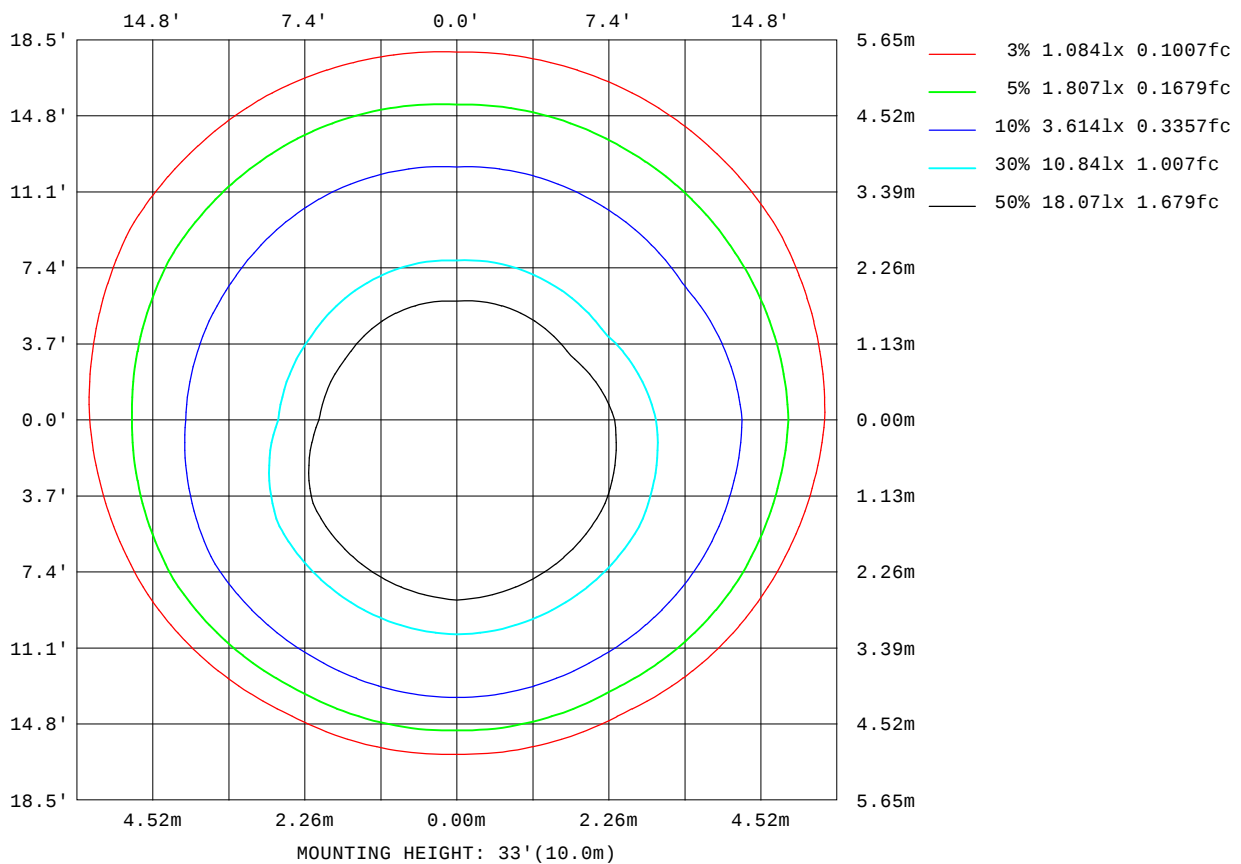


H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:Fan  
Test Date:2023-10-18

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.351  
Humidity:65.0%  
Test Distance:8.630m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

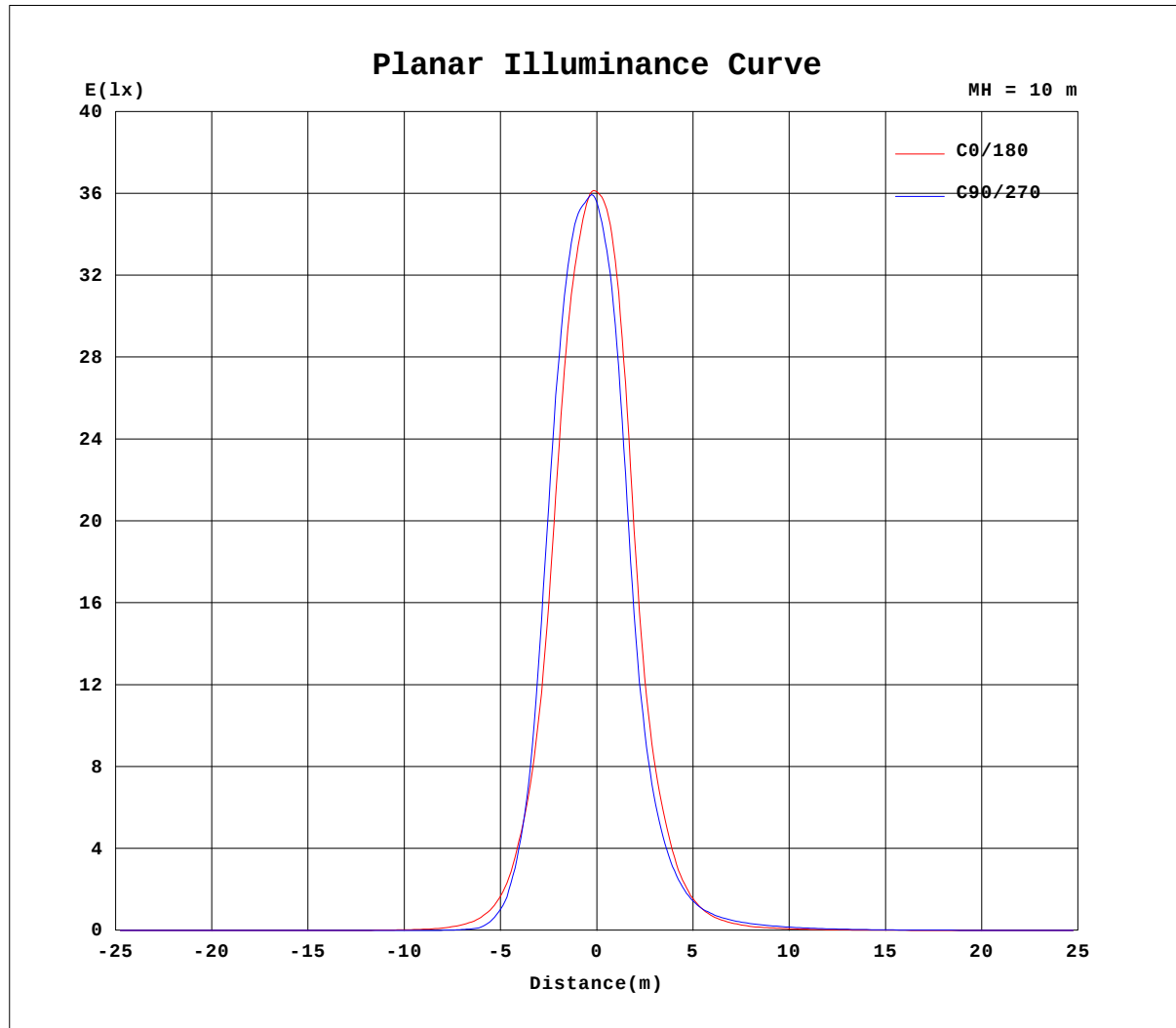
|                                  |            |                      |
|----------------------------------|------------|----------------------|
| NAME:Nuit 60-60mm-3000K-25D-Rev1 | TYPE:3000K | WEIGHT:              |
| SPEC.:25 DEG                     | DIM.:60MM  | SERIAL No.:IES001928 |
| MFR.:                            | SUR.:      | Shielding Angle:     |



H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature: 25.3DEG  
Operators: Fan  
Test Date: 2023-10-18

V(B) Range: -180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.0.351  
Humidity: 65.0%  
Test Distance: 8.630m [K=1.0000]  
Remarks:

## Planar Illuminance Curve

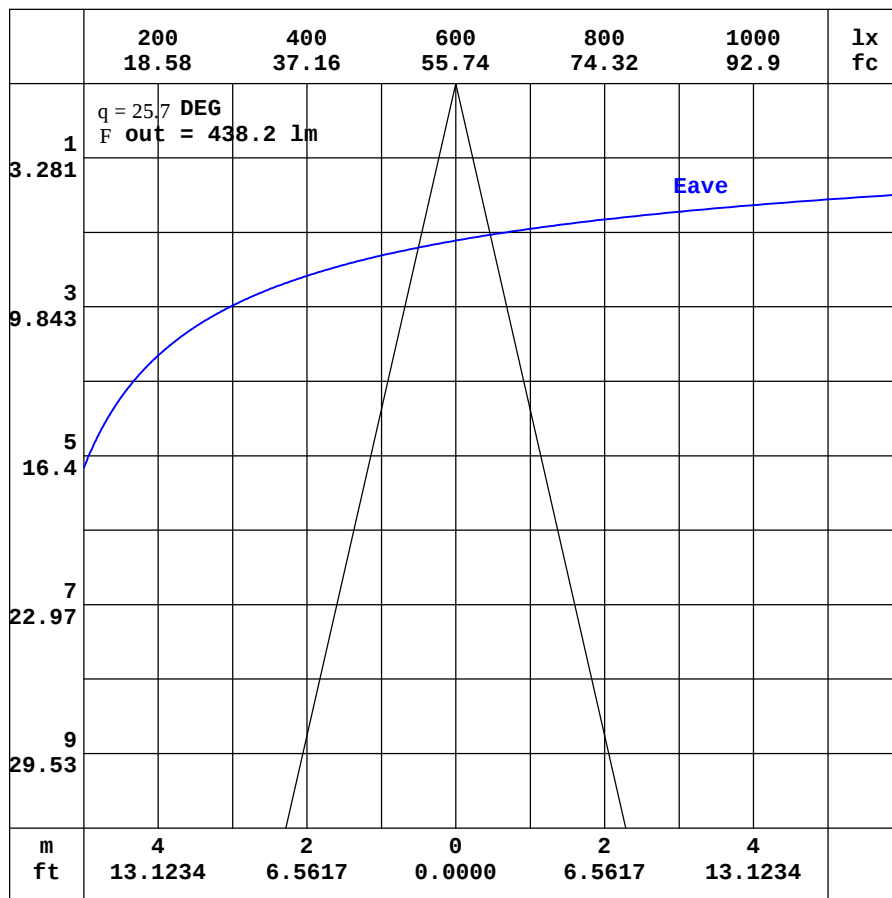


H<sub>b</sub> Range: -90 - 90DEG  
H<sub>b</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature: 25.3DEG  
Operators: Fan  
Test Date: 2023-10-18

V(B) Range: -180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.0.351  
Humidity: 65.0%  
Test Distance: 8.630m [K=1.0000]  
Remarks:

### AAI CURVES

|                                  |            |                      |
|----------------------------------|------------|----------------------|
| NAME:Nuit 60-60mm-3000K-25D-Rev1 | TYPE:3000K | WEIGHT:              |
| SPEC.:25 DEG                     | DIM.:60MM  | SERIAL No.:IES001928 |
| MFR.:                            | SUR.:      | Shielding Angle:     |



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

H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:Fan  
Test Date:2023-10-18

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.351  
Humidity:65.0%  
Test Distance:8.630m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                  |            |                      |
|----------------------------------|------------|----------------------|
| NAME:Nuit 60-60mm-3000K-25D-Rev1 | TYPE:3000K | WEIGHT:              |
| SPEC.:25 DEG                     | DIM.:60MM  | SERIAL No.:IES001928 |
| MFR.:                            | SUR.:      | Shielding Angle:     |

Table--1

UNIT: cd

| H(°) \ V(°) | -90  | -85  | -80  | -75  | -70  | -65  | -60  | -55  | -50  | -45  | -40  | -35  | -30  | -25  | -20  | -15  | -10  | -5   | 0    |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180        | 3.09 | 2.74 | 2.44 | 2.30 | 2.32 | 2.47 | 2.91 | 3.76 | 4.91 | 6.11 | 7.13 | 7.70 | 7.87 | 7.86 | 7.77 | 7.57 | 7.28 | 6.63 | 6.61 |
| -170        | 3.09 | 2.71 | 2.41 | 2.25 | 2.22 | 2.28 | 2.51 | 3.02 | 3.71 | 4.45 | 5.06 | 5.45 | 5.67 | 5.81 | 5.93 | 6.11 | 6.44 | 6.66 | 6.74 |
| -160        | 3.09 | 2.69 | 2.38 | 2.20 | 2.14 | 2.09 | 2.11 | 2.25 | 2.49 | 2.73 | 2.90 | 2.98 | 3.12 | 3.92 | 4.69 | 5.34 | 5.84 | 6.13 | 6.26 |
| -150        | 3.09 | 2.69 | 2.37 | 2.18 | 2.08 | 1.96 | 1.84 | 1.70 | 1.57 | 1.38 | 1.20 | 1.57 | 2.07 | 2.63 | 3.18 | 3.68 | 4.06 | 4.30 | 4.40 |
| -140        | 3.09 | 2.69 | 2.38 | 2.17 | 2.04 | 1.91 | 1.73 | 1.48 | 1.15 | 0.96 | 0.96 | 1.03 | 1.20 | 1.44 | 1.71 | 1.97 | 2.18 | 2.32 | 2.37 |
| -130        | 3.09 | 2.69 | 2.39 | 2.17 | 2.02 | 1.91 | 1.75 | 1.52 | 1.33 | 1.19 | 1.08 | 1.00 | 0.98 | 0.98 | 0.99 | 1.02 | 1.08 | 1.12 | 1.14 |
| -120        | 3.09 | 2.70 | 2.41 | 2.19 | 2.03 | 1.89 | 1.78 | 1.67 | 1.62 | 1.54 | 1.46 | 1.39 | 1.31 | 1.25 | 1.19 | 1.14 | 1.11 | 1.08 | 1.07 |
| -110        | 3.09 | 2.72 | 2.44 | 2.20 | 2.02 | 1.89 | 1.76 | 1.73 | 1.74 | 1.74 | 1.75 | 1.74 | 1.73 | 1.70 | 1.67 | 1.65 | 1.63 | 1.61 | 1.60 |
| -100        | 3.09 | 2.76 | 2.45 | 2.20 | 1.97 | 1.78 | 1.61 | 1.63 | 1.66 | 1.68 | 1.70 | 1.72 | 1.73 | 1.74 | 1.76 | 1.77 | 1.78 | 1.79 | 1.79 |
| -90         | 3.09 | 2.79 | 2.49 | 2.19 | 1.90 | 1.60 | 1.30 | 1.30 | 1.30 | 1.30 | 1.31 | 1.31 | 1.31 | 1.32 | 1.32 | 1.33 | 1.34 | 1.35 | 1.35 |
| -80         | 3.09 | 2.84 | 2.55 | 2.24 | 1.89 | 1.46 | 0.98 | 0.89 | 0.85 | 0.80 | 0.76 | 0.72 | 0.69 | 0.68 | 0.66 | 0.65 | 0.65 | 0.65 | 0.65 |
| -70         | 3.09 | 2.90 | 2.72 | 2.42 | 2.01 | 1.47 | 0.82 | 0.55 | 0.48 | 0.42 | 0.38 | 0.34 | 0.31 | 0.29 | 0.28 | 0.29 | 0.29 | 0.29 | 0.30 |
| -60         | 3.09 | 3.00 | 2.92 | 2.67 | 2.25 | 1.67 | 0.97 | 0.34 | 0.29 | 0.31 | 0.33 | 0.31 | 0.27 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 |
| -50         | 3.09 | 3.14 | 3.16 | 2.99 | 2.64 | 2.14 | 1.49 | 0.80 | 0.53 | 0.58 | 0.56 | 0.56 | 0.53 | 0.45 | 0.43 | 0.43 | 0.42 | 0.37 | 0.31 |
| -40         | 3.09 | 3.28 | 3.44 | 3.39 | 3.20 | 2.91 | 2.61 | 2.13 | 1.30 | 0.95 | 1.00 | 1.02 | 1.03 | 1.10 | 0.92 | 0.99 | 1.42 | 1.61 | 1.32 |
| -30         | 3.09 | 3.41 | 3.72 | 3.86 | 3.93 | 4.04 | 4.14 | 4.04 | 3.68 | 2.79 | 1.49 | 2.42 | 4.60 | 7.75 | 11.6 | 15.3 | 27.0 | 41.0 | 44.3 |
| -20         | 3.09 | 3.53 | 4.01 | 4.37 | 4.77 | 5.35 | 5.98 | 6.64 | 7.15 | 8.04 | 9.76 | 13.0 | 18.3 | 54.3 | 131  | 267  | 470  | 674  | 771  |
| -10         | 3.09 | 3.64 | 4.29 | 4.89 | 5.65 | 6.72 | 8.02 | 9.63 | 11.9 | 16.6 | 23.9 | 38.9 | 82.3 | 201  | 488  | 1084 | 2000 | 2874 | 3160 |
| 0           | 3.09 | 3.73 | 4.55 | 5.37 | 6.46 | 7.98 | 9.95 | 12.5 | 16.7 | 25.4 | 37.7 | 68.4 | 130  | 281  | 608  | 1178 | 2360 | 3379 | 3609 |
| 10          | 3.09 | 3.77 | 4.62 | 5.47 | 6.57 | 8.08 | 10.1 | 13.0 | 17.8 | 26.6 | 41.3 | 68.9 | 119  | 220  | 407  | 694  | 1136 | 1691 | 1886 |
| 20          | 3.09 | 3.78 | 4.63 | 5.48 | 6.52 | 7.92 | 9.70 | 12.3 | 17.0 | 24.1 | 36.2 | 55.9 | 85.6 | 127  | 188  | 281  | 377  | 457  | 476  |
| 30          | 3.09 | 3.76 | 4.60 | 5.42 | 6.36 | 7.54 | 9.05 | 11.0 | 14.2 | 19.9 | 27.2 | 38.5 | 53.9 | 71.9 | 91.7 | 112  | 127  | 139  | 141  |
| 40          | 3.09 | 3.72 | 4.52 | 5.30 | 6.10 | 7.06 | 8.22 | 9.63 | 11.3 | 14.2 | 19.2 | 25.2 | 32.9 | 41.6 | 51.3 | 57.3 | 62.2 | 65.2 | 66.0 |
| 50          | 3.09 | 3.66 | 4.38 | 5.11 | 5.81 | 6.55 | 7.40 | 8.36 | 9.45 | 10.9 | 12.7 | 15.4 | 18.7 | 22.4 | 25.7 | 28.7 | 31.2 | 33.0 | 33.8 |
| 60          | 3.09 | 3.56 | 4.21 | 4.85 | 5.47 | 6.07 | 6.69 | 7.32 | 7.98 | 8.70 | 9.45 | 10.3 | 11.2 | 12.5 | 13.5 | 14.3 | 15.1 | 15.6 | 15.9 |
| 70          | 3.09 | 3.48 | 4.00 | 4.53 | 5.05 | 5.57 | 6.06 | 6.50 | 6.91 | 7.33 | 7.75 | 8.15 | 8.56 | 8.88 | 9.14 | 9.36 | 9.54 | 9.67 | 9.76 |
| 80          | 3.09 | 3.42 | 3.77 | 4.16 | 4.57 | 4.97 | 5.37 | 5.71 | 6.02 | 6.33 | 6.62 | 6.91 | 7.19 | 7.34 | 7.46 | 7.57 | 7.67 | 7.76 | 7.84 |
| 90          | 3.09 | 3.34 | 3.59 | 3.84 | 4.09 | 4.34 | 4.59 | 4.82 | 5.04 | 5.27 | 5.49 | 5.71 | 5.94 | 6.02 | 6.10 | 6.18 | 6.26 | 6.34 | 6.42 |
| 100         | 3.09 | 3.27 | 3.41 | 3.54 | 3.65 | 3.73 | 3.79 | 3.89 | 3.98 | 4.10 | 4.23 | 4.37 | 4.53 | 4.55 | 4.58 | 4.61 | 4.66 | 4.72 | 4.80 |
| 110         | 3.09 | 3.18 | 3.24 | 3.23 | 3.18 | 3.07 | 2.92 | 2.87 | 2.94 | 3.02 | 3.10 | 3.18 | 3.22 | 3.19 | 3.17 | 3.18 | 3.21 | 3.27 | 3.35 |
| 120         | 3.09 | 3.10 | 3.05 | 2.92 | 2.74 | 2.54 | 2.39 | 2.36 | 2.44 | 2.43 | 2.37 | 2.38 | 2.42 | 2.49 | 2.58 | 2.65 | 2.71 | 2.75 | 2.76 |
| 130         | 3.09 | 3.03 | 2.88 | 2.66 | 2.46 | 2.32 | 2.29 | 2.29 | 2.36 | 2.52 | 2.76 | 3.08 | 3.44 | 3.80 | 4.15 | 4.44 | 4.66 | 4.80 | 4.86 |
| 140         | 3.09 | 2.95 | 2.73 | 2.48 | 2.33 | 2.30 | 2.32 | 2.47 | 2.78 | 3.29 | 3.91 | 4.59 | 5.24 | 5.83 | 6.29 | 6.66 | 6.91 | 7.06 | 7.11 |
| 150         | 3.09 | 2.88 | 2.61 | 2.39 | 2.30 | 2.32 | 2.46 | 2.84 | 3.50 | 4.36 | 5.28 | 6.14 | 6.86 | 7.39 | 7.75 | 8.02 | 8.20 | 8.31 | 8.35 |
| 160         | 3.09 | 2.82 | 2.53 | 2.33 | 2.30 | 2.37 | 2.66 | 3.28 | 4.22 | 5.30 | 6.35 | 7.18 | 7.73 | 8.09 | 8.35 | 8.57 | 8.73 | 8.82 | 8.94 |
| 170         | 3.09 | 2.78 | 2.48 | 2.31 | 2.31 | 2.44 | 2.84 | 3.63 | 4.73 | 5.91 | 6.94 | 7.63 | 7.98 | 8.15 | 8.22 | 8.17 | 7.97 | 7.76 | 7.91 |
| 180         | 3.09 | 2.74 | 2.44 | 2.30 | 2.32 | 2.47 | 2.91 | 3.76 | 4.91 | 6.11 | 7.13 | 7.70 | 7.87 | 7.86 | 7.77 | 7.57 | 7.28 | 6.63 | 6.63 |

H<sub>(b)</sub> Range:-90 - 90DEGH<sub>(b)</sub> Interval: 0.5DEG

Test Speed: LOW

Temperature:25.3DEG

Operators:Fan

Test Date:2023-10-18

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.351

Humidity:65.0%

Test Distance:8.630m [K=1.0000]

Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                  |            |                      |
|----------------------------------|------------|----------------------|
| NAME:Nuit 60-60mm-3000K-25D-Rev1 | TYPE:3000K | WEIGHT:              |
| SPEC.:25 DEG                     | DIM.:60MM  | SERIAL No.:IES001928 |
| MFR.:                            | SUR.:      | Shielding Angle:     |

Table--2

UNIT: cd

| H(°) \ V(°) | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180        | 6.04 | 6.04 | 5.87 | 5.41 | 4.71 | 3.90 | 3.02 | 2.16 | 1.45 | 1.01 | 0.92 | 1.06 | 1.34 | 1.62 | 1.76 | 1.73 | 1.57 | 1.28 |
| -170        | 6.57 | 6.34 | 5.99 | 5.43 | 4.65 | 3.77 | 2.87 | 2.04 | 1.39 | 0.99 | 0.93 | 1.09 | 1.36 | 1.63 | 1.76 | 1.73 | 1.57 | 1.28 |
| -160        | 6.09 | 5.78 | 5.28 | 4.63 | 3.87 | 3.08 | 2.30 | 1.64 | 1.17 | 0.95 | 0.96 | 1.16 | 1.43 | 1.66 | 1.76 | 1.73 | 1.56 | 1.28 |
| -150        | 4.29 | 4.04 | 3.66 | 3.16 | 2.61 | 2.05 | 1.56 | 1.19 | 0.99 | 0.95 | 1.06 | 1.29 | 1.53 | 1.71 | 1.76 | 1.72 | 1.55 | 1.28 |
| -140        | 2.31 | 2.18 | 1.96 | 1.70 | 1.44 | 1.20 | 1.03 | 0.96 | 0.96 | 1.07 | 1.25 | 1.46 | 1.64 | 1.75 | 1.75 | 1.69 | 1.52 | 1.28 |
| -130        | 1.12 | 1.07 | 1.02 | 0.99 | 0.98 | 0.98 | 1.01 | 1.09 | 1.21 | 1.35 | 1.50 | 1.64 | 1.73 | 1.76 | 1.74 | 1.65 | 1.49 | 1.28 |
| -120        | 1.08 | 1.11 | 1.14 | 1.19 | 1.25 | 1.32 | 1.40 | 1.48 | 1.57 | 1.64 | 1.70 | 1.75 | 1.76 | 1.74 | 1.69 | 1.58 | 1.45 | 1.28 |
| -110        | 1.61 | 1.63 | 1.65 | 1.68 | 1.72 | 1.74 | 1.76 | 1.77 | 1.76 | 1.76 | 1.76 | 1.75 | 1.73 | 1.67 | 1.60 | 1.51 | 1.40 | 1.28 |
| -100        | 1.79 | 1.78 | 1.78 | 1.77 | 1.76 | 1.74 | 1.73 | 1.72 | 1.70 | 1.67 | 1.65 | 1.62 | 1.57 | 1.52 | 1.46 | 1.41 | 1.34 | 1.28 |
| -90         | 1.35 | 1.34 | 1.33 | 1.33 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 | 1.32 | 1.31 | 1.31 | 1.30 | 1.29 | 1.29 | 1.28 |
| -80         | 0.65 | 0.65 | 0.66 | 0.67 | 0.69 | 0.71 | 0.74 | 0.77 | 0.81 | 0.86 | 0.91 | 0.97 | 1.06 | 1.14 | 1.19 | 1.23 | 1.24 | 1.28 |
| -70         | 0.30 | 0.29 | 0.29 | 0.29 | 0.31 | 0.32 | 0.35 | 0.38 | 0.43 | 0.49 | 0.56 | 0.67 | 0.85 | 1.00 | 1.12 | 1.20 | 1.23 | 1.28 |
| -60         | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.27 | 0.32 | 0.33 | 0.32 | 0.30 | 0.36 | 0.53 | 0.73 | 0.91 | 1.06 | 1.17 | 1.23 | 1.28 |
| -50         | 0.37 | 0.42 | 0.43 | 0.43 | 0.45 | 0.54 | 0.57 | 0.57 | 0.58 | 0.54 | 0.49 | 0.56 | 0.73 | 0.89 | 1.04 | 1.16 | 1.23 | 1.28 |
| -40         | 1.48 | 1.34 | 1.04 | 0.95 | 1.13 | 1.08 | 1.06 | 1.04 | 0.97 | 0.90 | 0.91 | 0.87 | 0.85 | 0.95 | 1.06 | 1.16 | 1.23 | 1.28 |
| -30         | 40.7 | 26.8 | 15.6 | 11.6 | 7.75 | 4.72 | 2.51 | 1.59 | 1.61 | 1.45 | 1.33 | 1.23 | 1.12 | 1.07 | 1.11 | 1.18 | 1.23 | 1.28 |
| -20         | 674  | 466  | 260  | 126  | 52.9 | 18.4 | 11.0 | 5.82 | 3.48 | 2.25 | 1.82 | 1.58 | 1.40 | 1.23 | 1.20 | 1.20 | 1.24 | 1.28 |
| -10         | 2862 | 2064 | 1144 | 507  | 200  | 75.9 | 29.5 | 13.3 | 7.35 | 3.64 | 2.29 | 1.94 | 1.66 | 1.41 | 1.29 | 1.24 | 1.25 | 1.28 |
| 0           | 3432 | 2758 | 1520 | 737  | 312  | 127  | 51.4 | 21.0 | 10.9 | 5.04 | 2.70 | 2.24 | 1.88 | 1.58 | 1.38 | 1.28 | 1.26 | 1.28 |
| 10          | 1703 | 1172 | 711  | 419  | 216  | 111  | 58.5 | 30.4 | 17.2 | 9.45 | 5.64 | 3.92 | 2.99 | 2.31 | 1.85 | 1.56 | 1.37 | 1.28 |
| 20          | 452  | 370  | 269  | 179  | 123  | 83.2 | 52.8 | 31.8 | 19.3 | 11.7 | 7.44 | 5.23 | 3.91 | 2.94 | 2.28 | 1.81 | 1.48 | 1.28 |
| 30          | 137  | 125  | 109  | 90.0 | 70.7 | 53.2 | 37.9 | 26.8 | 18.1 | 12.0 | 8.11 | 6.04 | 4.54 | 3.44 | 2.64 | 2.04 | 1.58 | 1.28 |
| 40          | 65.0 | 61.9 | 57.1 | 50.8 | 41.5 | 32.5 | 24.8 | 18.8 | 14.2 | 10.7 | 8.25 | 6.35 | 4.89 | 3.78 | 2.91 | 2.22 | 1.67 | 1.28 |
| 50          | 33.0 | 31.2 | 28.5 | 25.4 | 22.2 | 18.6 | 15.2 | 12.5 | 10.6 | 9.27 | 7.89 | 6.32 | 5.03 | 3.97 | 3.09 | 2.35 | 1.73 | 1.28 |
| 60          | 15.6 | 15.0 | 14.1 | 13.1 | 12.0 | 11.0 | 10.1 | 9.30 | 8.53 | 7.82 | 7.17 | 6.10 | 5.01 | 4.04 | 3.18 | 2.42 | 1.77 | 1.28 |
| 70          | 9.64 | 9.48 | 9.28 | 9.03 | 8.76 | 8.44 | 8.01 | 7.59 | 7.18 | 6.77 | 6.36 | 5.78 | 4.84 | 3.96 | 3.16 | 2.44 | 1.79 | 1.28 |
| 80          | 7.74 | 7.63 | 7.50 | 7.36 | 7.22 | 7.05 | 6.78 | 6.49 | 6.20 | 5.90 | 5.59 | 5.23 | 4.46 | 3.74 | 3.05 | 2.40 | 1.80 | 1.28 |
| 90          | 6.32 | 6.21 | 6.11 | 6.01 | 5.91 | 5.81 | 5.59 | 5.37 | 5.15 | 4.93 | 4.71 | 4.49 | 3.95 | 3.42 | 2.88 | 2.35 | 1.82 | 1.28 |
| 100         | 4.70 | 4.62 | 4.55 | 4.50 | 4.45 | 4.41 | 4.25 | 4.11 | 3.98 | 3.87 | 3.77 | 3.67 | 3.41 | 3.11 | 2.74 | 2.32 | 1.83 | 1.28 |
| 110         | 3.27 | 3.21 | 3.17 | 3.16 | 3.17 | 3.17 | 3.11 | 3.02 | 2.92 | 2.84 | 2.78 | 2.77 | 2.79 | 2.74 | 2.57 | 2.26 | 1.83 | 1.28 |
| 120         | 2.75 | 2.70 | 2.63 | 2.54 | 2.46 | 2.40 | 2.37 | 2.36 | 2.39 | 2.39 | 2.30 | 2.25 | 2.32 | 2.37 | 2.36 | 2.19 | 1.83 | 1.28 |
| 130         | 4.80 | 4.65 | 4.42 | 4.12 | 3.77 | 3.40 | 3.03 | 2.71 | 2.47 | 2.31 | 2.19 | 2.12 | 2.10 | 2.13 | 2.17 | 2.10 | 1.80 | 1.28 |
| 140         | 7.05 | 6.90 | 6.65 | 6.27 | 5.80 | 5.20 | 4.54 | 3.85 | 3.22 | 2.62 | 2.18 | 1.99 | 1.98 | 1.99 | 2.03 | 2.01 | 1.77 | 1.28 |
| 150         | 8.33 | 8.24 | 8.05 | 7.77 | 7.37 | 6.82 | 6.08 | 5.22 | 3.90 | 2.82 | 2.15 | 1.87 | 1.84 | 1.91 | 1.93 | 1.93 | 1.73 | 1.28 |
| 160         | 8.89 | 8.88 | 8.68 | 8.44 | 8.14 | 7.72 | 6.48 | 5.06 | 3.71 | 2.64 | 1.96 | 1.68 | 1.68 | 1.81 | 1.86 | 1.86 | 1.69 | 1.28 |
| 170         | 7.88 | 8.11 | 8.34 | 7.93 | 7.11 | 6.15 | 5.05 | 3.90 | 2.83 | 1.99 | 1.53 | 1.40 | 1.51 | 1.71 | 1.81 | 1.79 | 1.63 | 1.28 |
| 180         | 6.04 | 6.04 | 5.87 | 5.41 | 4.71 | 3.90 | 3.02 | 2.16 | 1.45 | 1.01 | 0.92 | 1.06 | 1.34 | 1.62 | 1.76 | 1.73 | 1.57 | 1.28 |

H(b) Range:-90 - 90DEG

H(b) Interval: 0.5DEG

Test Speed: LOW

Temperature:25.3DEG

Operators:Fan

Test Date:2023-10-18

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.351

Humidity:65.0%

Test Distance:8.630m [K=1.0000]

Remarks: