

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

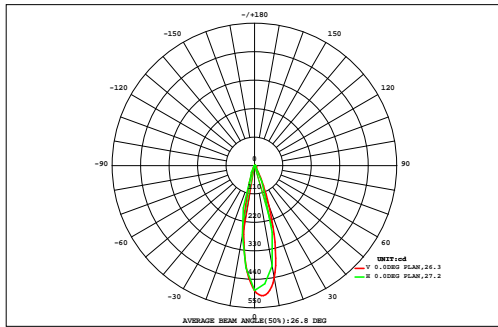
|   |                |   |
|---|----------------|---|
| Maximum Intensity<br>(Luminaire orientation as tested.) |                | 4066.9 cd per klm.<br>0.0 degrees vertical<br>-4.0 degrees horizontal |
| Beam Spread   | At 10% of Imax | 46.9V x 45.3H   |
|   | At 50% of Imax | 27.2V x 26.3H   |
|   | At 90% of Imax | 10.5V x 11.4H   |
| Beam Flux   | Total          | 994.2 lumens per klm.   |
|   | To 10% of Imax | 820.0 lumens per klm.   |
|   | To 50% of Imax | 471.9 lumens per klm.   |
|   | To 90% of Imax | 65.4 lumens per klm.  |
|   | Upward LOR     | 0.0 %   |
|   | Downward LOR   | 99.4 %  |
| Luminaire Efficiency(Light Output Ratio)                |                | 100.0 %   |

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-05-22

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

|  |                     |                     |
|--|---------------------|---------------------|
| Test:U:220.10V I:0.0327A P:3.0321W PF:0.4212 Freq:50.00Hz Lamp Flux:123.771x1 lm |                     |                     |
| NAME: 6632   | TYPE:               | WEIGHT:100g         |
| SPEC.:3W   | DIM.: 4.6*4.6*5.2cm | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:               | Shielding Angle:24° |



| DATA OF LAMP     |         | Eff:40.82lm/W   |          |
|------------------|---------|-----------------|----------|
| MODEL            |         | Imax(cd)        | 503.4    |
| NOMINAL POWER(W) |         | AVAILABILITY(%) | 83.4     |
| RATED VOLTAGE(V) |         | Avai. FLUX(lm)  | 103.2    |
| NOMINAL FLUX(lm) | 123.771 | LOR(%)          | 100.0    |
| LAMPS INSIDE     | 1       | TOTAL FLUX(lm)  | 123.8    |
| TEST VOLTAGE(V)  | 0       | q @50%(H,V)     | 26,27DEG |

| VERTICAL( DEG) | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |                  |      |      |      |      |      |      |      | UNIT:lm |      | F t  | F a |
|----------------|-------------------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|---------|------|------|-----|
|                | 90                | 80   | 70   | 60   | 50   | 40   | 30   | 20   | 10               | 0    | 10   | 20   | 30   | 40   | 50   | 60   | 70      | 80   |      |     |
| 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 | 0.00 |     |
| 80             | 0.00              | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04             | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.01 | 0.01 | 0.00    | 0.44 | 0.00 |     |
| 70             | 0.00              | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04             | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00    | 0.43 | 0.00 |     |
| 60             | 0.00              | 0.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.04 | 0.05 | 0.05             | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 | 0.01 | 0.01 | 0.00    | 0.49 | 0.00 |     |
| 50             | 0.00              | 0.01 | 0.02 | 0.02 | 0.03 | 0.04 | 0.05 | 0.07 | 0.07             | 0.07 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01    | 0.60 | 0.00 |     |
| 40             | 0.00              | 0.01 | 0.02 | 0.03 | 0.04 | 0.06 | 0.09 | 0.14 | 0.16             | 0.15 | 0.11 | 0.07 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01    | 0.99 | 0.00 |     |
| 30             | 0.00              | 0.01 | 0.02 | 0.03 | 0.05 | 0.10 | 0.21 | 0.44 | 0.72             | 0.63 | 0.31 | 0.13 | 0.06 | 0.04 | 0.02 | 0.02 | 0.01    | 2.80 | 0.00 |     |
| 20             | 0.00              | 0.01 | 0.02 | 0.03 | 0.07 | 0.18 | 0.54 | 2.01 | 4.05             | 3.56 | 1.30 | 0.29 | 0.10 | 0.05 | 0.03 | 0.02 | 0.01    | 12.3 | 9.54 |     |
| 10             | 0.00              | 0.01 | 0.02 | 0.04 | 0.10 | 0.26 | 1.29 | 5.68 | 11.3             | 9.69 | 3.41 | 0.55 | 0.13 | 0.05 | 0.03 | 0.02 | 0.01    | 32.6 | 30.7 |     |
| 0              | 0.00              | 0.01 | 0.02 | 0.04 | 0.10 | 0.30 | 1.71 | 7.53 | 14.1             | 12.2 | 4.27 | 0.62 | 0.14 | 0.06 | 0.03 | 0.02 | 0.01    | 41.3 | 39.5 |     |
| -10            | 0.00              | 0.01 | 0.02 | 0.04 | 0.09 | 0.25 | 1.11 | 4.41 | 8.32             | 6.71 | 2.04 | 0.38 | 0.11 | 0.05 | 0.03 | 0.02 | 0.01    | 23.6 | 21.8 |     |
| -20            | 0.00              | 0.01 | 0.02 | 0.03 | 0.06 | 0.15 | 0.37 | 0.91 | 1.39             | 1.08 | 0.45 | 0.17 | 0.08 | 0.04 | 0.03 | 0.02 | 0.01    | 4.79 | 1.71 |     |
| -30            | 0.00              | 0.01 | 0.02 | 0.03 | 0.04 | 0.08 | 0.14 | 0.17 | 0.19             | 0.18 | 0.13 | 0.08 | 0.05 | 0.03 | 0.02 | 0.02 | 0.01    | 1.20 | 0.00 |     |
| -40            | 0.00              | 0.01 | 0.02 | 0.02 | 0.03 | 0.05 | 0.07 | 0.10 | 0.09             | 0.09 | 0.07 | 0.06 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01    | 0.73 | 0.00 |     |
| -50            | 0.00              | 0.01 | 0.02 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.06             | 0.06 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 | 0.01 | 0.01    | 0.56 | 0.00 |     |
| -60            | 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 | 0.03 | 0.02 | 0.01 | 0.01    | 0.48 | 0.00 |     |
| -70            | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04             | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01    | 0.41 | 0.00 |     |
| -80            | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04             | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01    | 0.41 | 0.00 |     |
| -90            | 0.00              | 0.00 | 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 | 0.01 | 0.00    | 0.17 | 0.00 |     |
|                | -90               | -80  | -70  | -60  | -50  | -40  | -30  | -20  | HORIZONTAL( DEG) | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90      |      |      |     |
| F t            | 0.04              | 0.15 | 0.28 | 0.45 | 0.80 | 1.69 | 5.84 | 21.7 | 40.7             | 34.7 | 12.4 | 2.64 | 0.99 | 0.57 | 0.38 | 0.25 | 0.13    | 0.04 | 124  | --- |
| F a            | 0.00              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.94 | 19.3 | 38.6             | 32.2 | 9.94 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | ---  | 103 |

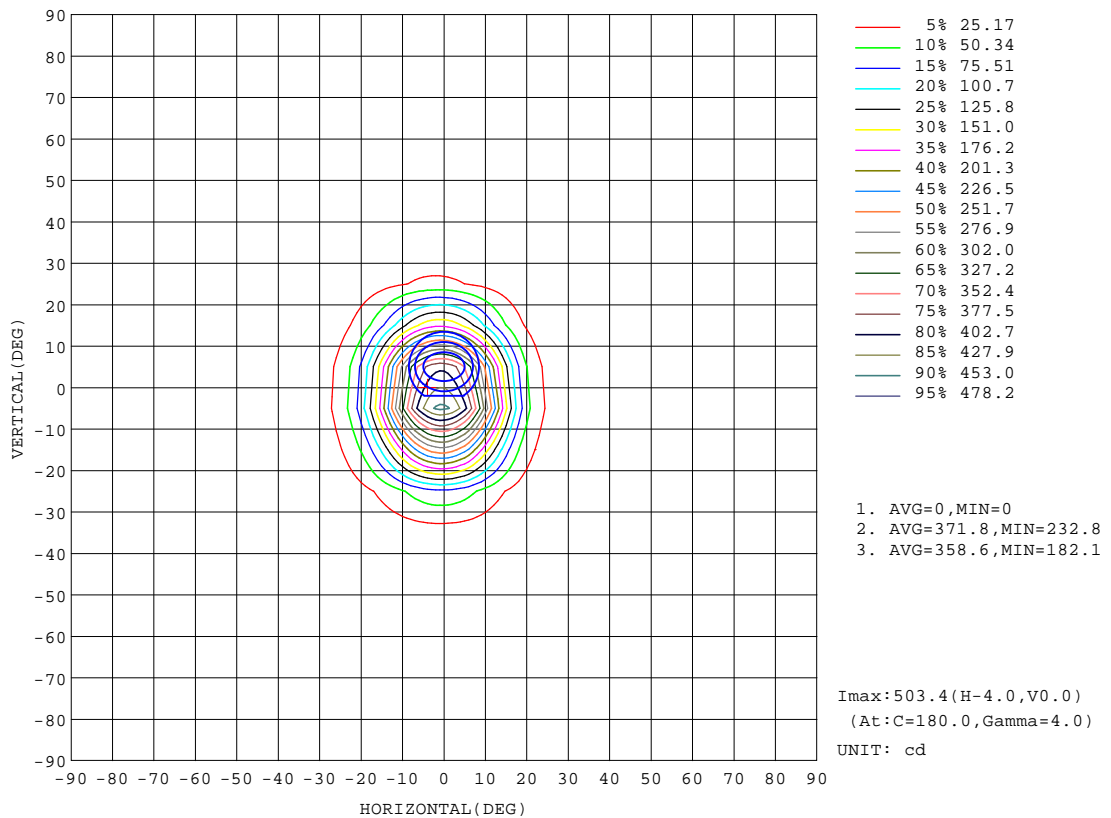
one-half-peak spread: U:15.8,D:11.6 , L:12.8,NEMA. Beam Type: Type 3 x 4 (H x V)

H(h) Range:-90 - 90DEG  
H(h) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-05-22

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

|  |                     |                     |
|--|---------------------|---------------------|
| Test:U:220.10V I:0.0327A P:3.0321W PF:0.4212 Freq:50.00Hz Lamp Flux:123.77lx1 lm |                     |                     |
| NAME: 6632   | TYPE:               | WEIGHT:100g         |
| SPEC.:3W   | DIM.: 4.6*4.6*5.2cm | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:               | Shielding Angle:24° |

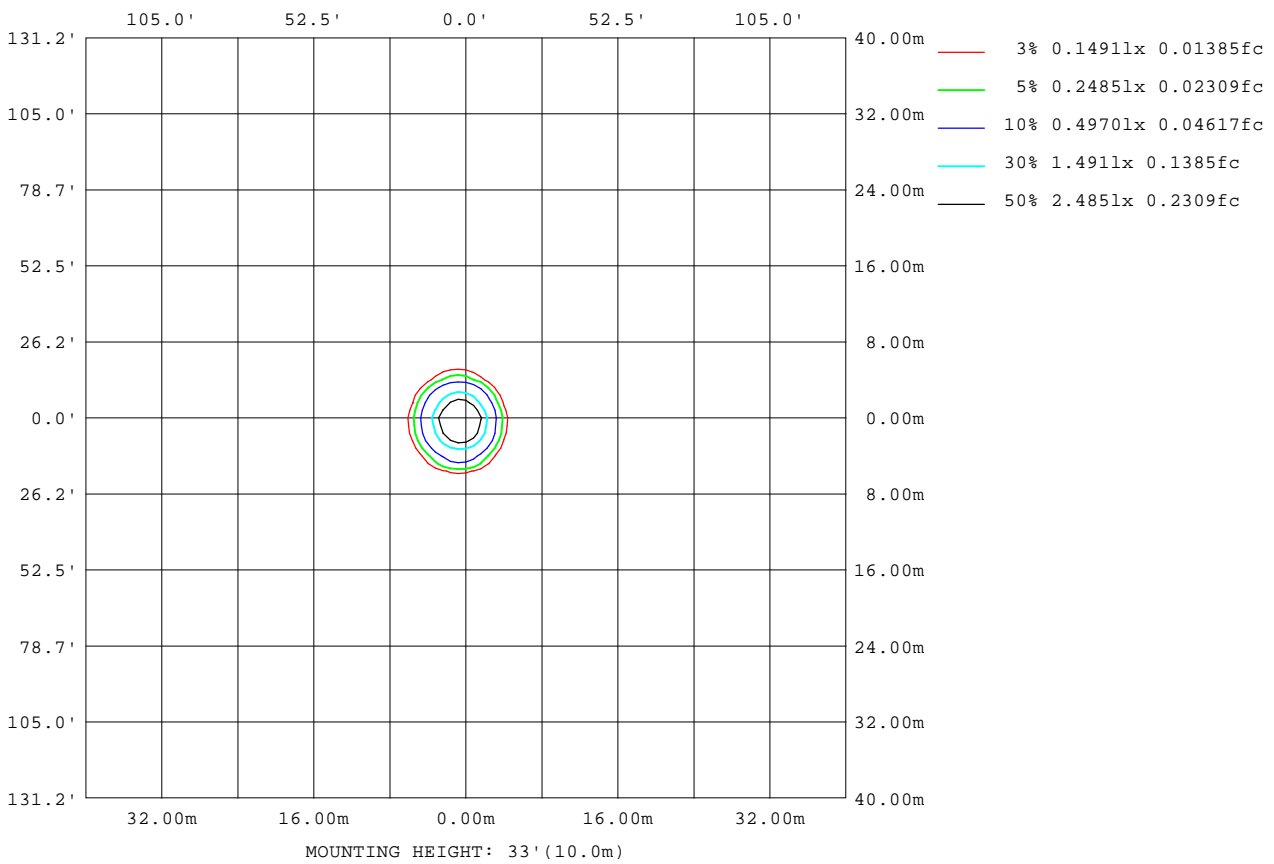


H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-05-22

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:5.780m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

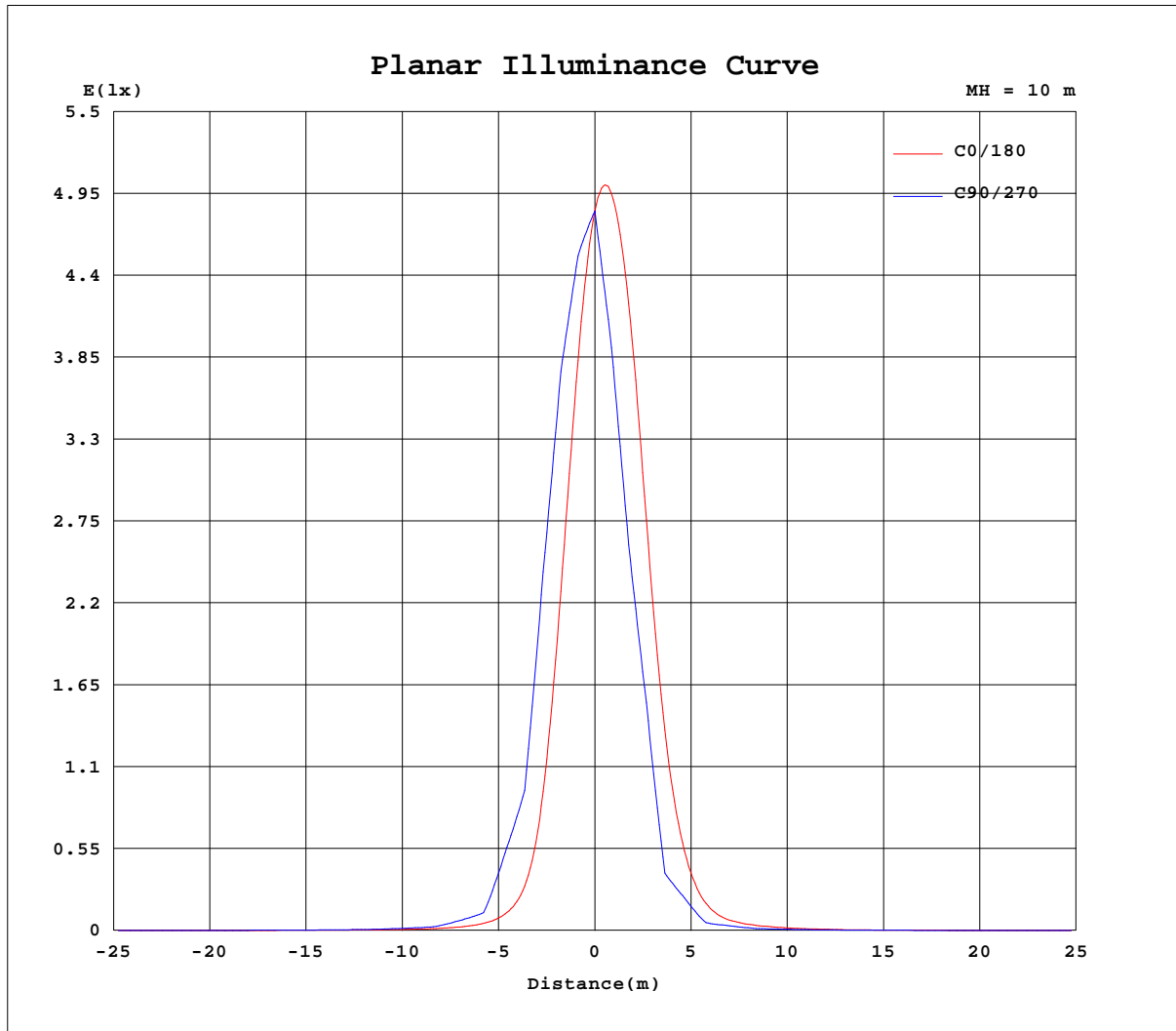
|  |                     |                     |
|--|---------------------|---------------------|
| Test:U:220.10V I:0.0327A P:3.0321W PF:0.4212 Freq:50.00Hz Lamp Flux:123.77lx1 lm |                     |                     |
| NAME: 6632   | TYPE:               | WEIGHT:100g         |
| SPEC.:3W   | DIM.: 4.6*4.6*5.2cm | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:               | Shielding Angle:24° |



H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-05-22

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:5.780m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



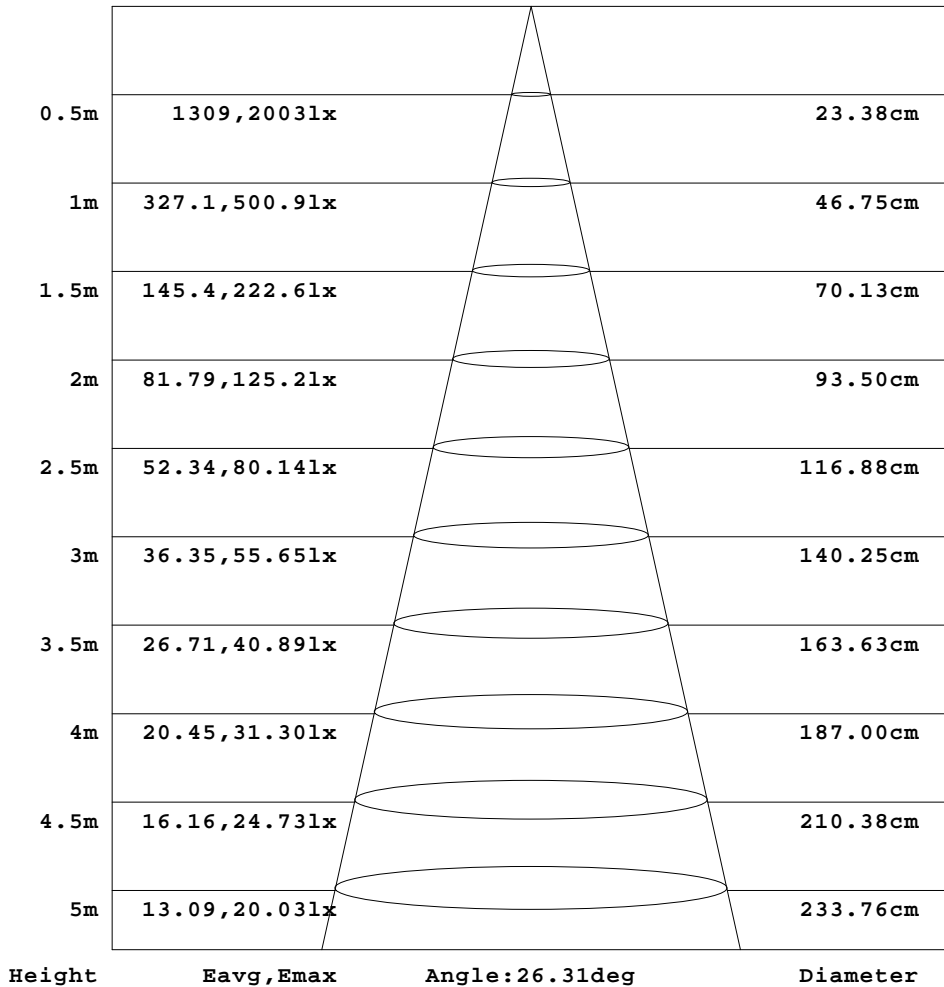
H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-05-22

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:5.780m [K=1.0000]  
 Remarks:

AAI Figure

|  |                     |                     |
|--|---------------------|---------------------|
| Test:U:220.10V I:0.0327A P:3.0321W PF:0.4212 Freq:50.00Hz Lamp Flux:123.771x1 lm |                     |                     |
| NAME: 6632   | TYPE:               | WEIGHT:100g         |
| SPEC.:3W   | DIM.: 4.6*4.6*5.2cm | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:               | Shielding Angle:24° |

Flux out:59.24 lm



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

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-05-22

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                     |                     |
|--|---------------------|---------------------|
| Test:U:220.10V I:0.0327A P:3.0321W PF:0.4212 Freq:50.00Hz Lamp Flux:123.77lx1 lm |                     |                     |
| NAME: 6632   | TYPE:               | WEIGHT:100g         |
| SPEC.:3W   | DIM.: 4.6*4.6*5.2cm | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:               | Shielding Angle:24° |

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    |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -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 | 0.00 |
| -85                | 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 | 0.00 |
| -80                | 0.86 | 0.90 | 0.92 | 0.94 | 0.95 | 0.98 | 1.00 | 1.01 | 1.03 | 1.05 | 1.07 | 1.09 | 1.08 | 1.11 | 1.12 | 1.12 | 1.13 | 1.13 | 1.13 |
| -75                | 0.86 | 0.87 | 0.91 | 0.95 | 0.98 | 1.01 | 1.04 | 1.08 | 1.11 | 1.14 | 1.17 | 1.21 | 1.23 | 1.24 | 1.26 | 1.28 | 1.29 | 1.29 | 1.29 |
| -70                | 0.88 | 0.90 | 0.94 | 0.97 | 1.02 | 1.06 | 1.12 | 1.17 | 1.22 | 1.26 | 1.31 | 1.34 | 1.38 | 1.41 | 1.43 | 1.45 | 1.46 | 1.46 | 1.45 |
| -65                | 0.87 | 0.87 | 0.92 | 0.96 | 1.02 | 1.08 | 1.14 | 1.20 | 1.26 | 1.32 | 1.38 | 1.43 | 1.48 | 1.53 | 1.58 | 1.61 | 1.64 | 1.65 | 1.64 |
| -60                | 0.86 | 0.91 | 0.95 | 1.01 | 1.08 | 1.15 | 1.23 | 1.31 | 1.37 | 1.45 | 1.50 | 1.58 | 1.65 | 1.71 | 1.75 | 1.81 | 1.84 | 1.84 | 1.82 |
| -55                | 0.88 | 0.87 | 0.93 | 0.99 | 1.07 | 1.15 | 1.23 | 1.30 | 1.38 | 1.45 | 1.51 | 1.61 | 1.71 | 1.85 | 2.02 | 2.16 | 2.28 | 2.35 | 2.36 |
| -50                | 0.86 | 0.90 | 0.96 | 1.06 | 1.15 | 1.24 | 1.31 | 1.38 | 1.45 | 1.54 | 1.62 | 1.75 | 1.94 | 2.19 | 2.45 | 2.67 | 2.83 | 2.87 | 2.81 |
| -45                | 0.85 | 0.87 | 0.94 | 1.04 | 1.13 | 1.23 | 1.32 | 1.39 | 1.45 | 1.54 | 1.67 | 1.92 | 2.26 | 2.72 | 3.23 | 3.71 | 4.09 | 4.31 | 4.33 |
| -40                | 0.88 | 0.94 | 1.03 | 1.13 | 1.23 | 1.32 | 1.41 | 1.48 | 1.55 | 1.69 | 2.00 | 2.47 | 3.10 | 3.86 | 4.60 | 5.24 | 5.68 | 5.83 | 5.63 |
| -35                | 0.85 | 0.89 | 0.99 | 1.10 | 1.22 | 1.34 | 1.44 | 1.52 | 1.61 | 1.80 | 2.22 | 2.94 | 3.88 | 5.05 | 6.53 | 8.45 | 10.5 | 12.1 | 12.5 |
| -30                | 0.89 | 0.96 | 1.09 | 1.23 | 1.36 | 1.47 | 1.56 | 1.66 | 1.87 | 2.36 | 3.23 | 4.50 | 6.00 | 7.92 | 10.7 | 14.2 | 17.5 | 19.3 | 18.4 |
| -25                | 0.87 | 0.92 | 1.03 | 1.17 | 1.32 | 1.46 | 1.59 | 1.70 | 1.91 | 2.45 | 3.47 | 4.95 | 7.04 | 10.8 | 18.1 | 30.8 | 48.1 | 64.4 | 70.1 |
| -20                | 0.90 | 1.00 | 1.14 | 1.31 | 1.45 | 1.60 | 1.76 | 1.95 | 2.50 | 3.65 | 5.36 | 7.71 | 11.9 | 21.3 | 39.5 | 67.4 | 99.7 | 120  | 114  |
| -15                | 0.90 | 0.93 | 1.05 | 1.22 | 1.39 | 1.55 | 1.71 | 1.89 | 2.33 | 3.35 | 5.05 | 7.46 | 12.0 | 23.9 | 52.1 | 105  | 180  | 246  | 267  |
| -10                | 0.90 | 0.99 | 1.15 | 1.34 | 1.51 | 1.69 | 1.88 | 2.27 | 3.23 | 4.93 | 7.39 | 11.7 | 23.4 | 55.2 | 122  | 230  | 347  | 411  | 393  |
| -5                 | 0.87 | 0.94 | 1.07 | 1.24 | 1.42 | 1.59 | 1.78 | 2.01 | 2.60 | 3.96 | 6.01 | 9.07 | 16.0 | 37.0 | 89.0 | 188  | 323  | 428  | 458  |
| 0                  | 0.90 | 1.02 | 1.17 | 1.35 | 1.54 | 1.72 | 1.91 | 2.33 | 3.41 | 5.26 | 7.91 | 12.9 | 28.3 | 71.6 | 162  | 306  | 441  | 501  | 483  |
| 5                  | 0.87 | 0.94 | 1.06 | 1.23 | 1.41 | 1.58 | 1.76 | 1.97 | 2.52 | 3.79 | 5.74 | 8.59 | 14.7 | 33.3 | 79.6 | 166  | 282  | 371  | 396  |
| 10                 | 0.84 | 1.00 | 1.14 | 1.32 | 1.49 | 1.65 | 1.83 | 2.13 | 2.95 | 4.50 | 6.65 | 10.1 | 18.5 | 42.0 | 90.6 | 164  | 244  | 288  | 271  |
| 15                 | 0.91 | 0.93 | 1.04 | 1.20 | 1.37 | 1.51 | 1.67 | 1.82 | 2.16 | 2.98 | 4.38 | 6.39 | 9.67 | 17.7 | 37.0 | 71.8 | 118  | 159  | 170  |
| 20                 | 0.89 | 0.98 | 1.12 | 1.27 | 1.43 | 1.55 | 1.68 | 1.81 | 2.19 | 3.00 | 4.36 | 6.09 | 8.50 | 13.0 | 21.7 | 34.1 | 46.1 | 51.3 | 46.6 |
| 25                 | 0.90 | 0.92 | 1.01 | 1.15 | 1.29 | 1.41 | 1.53 | 1.63 | 1.77 | 2.11 | 2.82 | 3.89 | 5.31 | 7.32 | 10.8 | 16.5 | 23.5 | 28.9 | 29.5 |
| 30                 | 0.88 | 0.94 | 1.06 | 1.19 | 1.32 | 1.41 | 1.50 | 1.57 | 1.69 | 1.97 | 2.49 | 3.30 | 4.29 | 5.30 | 6.25 | 7.27 | 8.12 | 8.48 | 8.10 |
| 35                 | 0.88 | 0.89 | 0.97 | 1.07 | 1.19 | 1.29 | 1.37 | 1.45 | 1.53 | 1.63 | 1.86 | 2.27 | 2.86 | 3.53 | 4.19 | 4.84 | 5.44 | 5.84 | 5.85 |
| 40                 | 0.86 | 0.92 | 0.99 | 1.09 | 1.18 | 1.28 | 1.35 | 1.41 | 1.48 | 1.55 | 1.67 | 1.91 | 2.23 | 2.57 | 2.88 | 3.15 | 3.30 | 3.30 | 3.19 |
| 45                 | 0.87 | 0.87 | 0.93 | 1.01 | 1.10 | 1.19 | 1.26 | 1.33 | 1.40 | 1.45 | 1.52 | 1.64 | 1.80 | 2.00 | 2.20 | 2.38 | 2.51 | 2.58 | 2.57 |
| 50                 | 0.85 | 0.89 | 0.96 | 1.01 | 1.11 | 1.19 | 1.26 | 1.33 | 1.39 | 1.44 | 1.49 | 1.55 | 1.60 | 1.66 | 1.73 | 1.80 | 1.84 | 1.86 | 1.83 |
| 55                 | 0.87 | 0.86 | 0.91 | 0.97 | 1.04 | 1.10 | 1.17 | 1.24 | 1.31 | 1.36 | 1.41 | 1.46 | 1.49 | 1.54 | 1.58 | 1.63 | 1.66 | 1.67 | 1.67 |
| 60                 | 0.86 | 0.90 | 0.94 | 0.98 | 1.04 | 1.11 | 1.16 | 1.23 | 1.28 | 1.34 | 1.37 | 1.41 | 1.44 | 1.48 | 1.49 | 1.49 | 1.49 | 1.50 | 1.48 |
| 65                 | 0.90 | 0.86 | 0.90 | 0.92 | 0.96 | 1.01 | 1.08 | 1.12 | 1.18 | 1.22 | 1.26 | 1.29 | 1.31 | 1.35 | 1.35 | 1.38 | 1.38 | 1.38 | 1.37 |
| 70                 | 0.88 | 0.87 | 0.91 | 0.90 | 0.92 | 1.02 | 1.04 | 1.08 | 1.12 | 1.16 | 1.16 | 1.20 | 1.23 | 1.25 | 1.25 | 1.26 | 1.26 | 1.26 | 1.25 |
| 75                 | 0.90 | 0.86 | 0.88 | 0.88 | 0.90 | 0.93 | 0.97 | 0.99 | 1.01 | 1.05 | 1.06 | 1.08 | 1.09 | 1.11 | 1.11 | 1.12 | 1.12 | 1.13 | 1.13 |
| 80                 | 0.86 | 0.88 | 0.87 | 0.89 | 0.90 | 0.92 | 0.93 | 0.94 | 0.94 | 0.96 | 0.98 | 0.97 | 0.97 | 0.98 | 0.99 | 0.98 | 0.99 | 1.00 | 0.98 |
| 85                 | 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 | 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 | 0.00 |

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-05-22

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                     |                     |
|--|---------------------|---------------------|
| Test:U:220.10V I:0.0327A P:3.0321W PF:0.4212 Freq:50.00Hz Lamp Flux:123.77lx1 lm |                     |                     |
| NAME: 6632   | TYPE:               | WEIGHT:100g         |
| SPEC.:3W   | DIM.: 4.6*4.6*5.2cm | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:               | Shielding Angle:24° |

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   |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -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 |
| -85                | 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                | 1.12 | 1.11 | 1.10 | 1.08 | 1.06 | 1.04 | 1.04 | 1.01 | 1.00 | 0.98 | 0.96 | 0.94 | 0.93 | 0.92 | 0.90 | 0.90 | 0.86 | 0.83 |
| -75                | 1.28 | 1.27 | 1.24 | 1.23 | 1.20 | 1.17 | 1.15 | 1.12 | 1.09 | 1.06 | 1.03 | 1.00 | 0.97 | 0.95 | 0.92 | 0.90 | 0.89 | 0.84 |
| -70                | 1.43 | 1.39 | 1.37 | 1.33 | 1.30 | 1.26 | 1.23 | 1.18 | 1.14 | 1.10 | 1.06 | 1.01 | 0.98 | 0.95 | 0.92 | 0.88 | 0.86 | 0.87 |
| -65                | 1.63 | 1.58 | 1.54 | 1.48 | 1.43 | 1.37 | 1.32 | 1.27 | 1.23 | 1.19 | 1.14 | 1.09 | 1.03 | 0.99 | 0.94 | 0.92 | 0.88 | 0.86 |
| -60                | 1.77 | 1.71 | 1.63 | 1.58 | 1.49 | 1.43 | 1.36 | 1.31 | 1.26 | 1.20 | 1.15 | 1.10 | 1.04 | 0.99 | 0.94 | 0.89 | 0.86 | 0.83 |
| -55                | 2.29 | 2.16 | 2.02 | 1.86 | 1.70 | 1.56 | 1.46 | 1.38 | 1.32 | 1.27 | 1.21 | 1.16 | 1.10 | 1.03 | 0.97 | 0.92 | 0.88 | 0.85 |
| -50                | 2.65 | 2.44 | 2.20 | 1.95 | 1.74 | 1.57 | 1.45 | 1.37 | 1.31 | 1.25 | 1.20 | 1.13 | 1.09 | 1.02 | 0.95 | 0.88 | 0.83 | 0.84 |
| -45                | 4.10 | 3.71 | 3.24 | 2.73 | 2.30 | 1.97 | 1.72 | 1.53 | 1.39 | 1.32 | 1.26 | 1.20 | 1.15 | 1.08 | 1.01 | 0.93 | 0.87 | 0.84 |
| -40                | 5.12 | 4.41 | 3.66 | 2.96 | 2.45 | 2.05 | 1.75 | 1.52 | 1.39 | 1.31 | 1.25 | 1.20 | 1.14 | 1.06 | 0.97 | 0.90 | 0.83 | 0.82 |
| -35                | 11.5 | 9.36 | 7.13 | 5.20 | 3.82 | 2.90 | 2.30 | 1.89 | 1.61 | 1.43 | 1.36 | 1.28 | 1.22 | 1.15 | 1.07 | 0.98 | 0.89 | 0.84 |
| -30                | 15.4 | 11.6 | 8.16 | 5.69 | 3.98 | 2.94 | 2.34 | 1.87 | 1.60 | 1.46 | 1.38 | 1.29 | 1.23 | 1.13 | 1.03 | 0.94 | 0.86 | 0.88 |
| -25                | 60.6 | 41.6 | 24.2 | 13.6 | 7.88 | 4.90 | 3.34 | 2.51 | 2.01 | 1.67 | 1.50 | 1.39 | 1.32 | 1.22 | 1.13 | 1.03 | 0.93 | 0.85 |
| -20                | 83.9 | 49.3 | 26.0 | 13.8 | 7.73 | 4.73 | 3.22 | 2.46 | 2.00 | 1.67 | 1.48 | 1.39 | 1.29 | 1.20 | 1.10 | 0.98 | 0.89 | 0.89 |
| -15                | 236  | 162  | 85.0 | 35.5 | 15.7 | 8.10 | 4.76 | 3.23 | 2.45 | 1.97 | 1.65 | 1.49 | 1.39 | 1.28 | 1.18 | 1.07 | 0.97 | 0.88 |
| -10                | 303  | 179  | 75.7 | 28.9 | 13.1 | 6.80 | 4.17 | 2.94 | 2.29 | 1.86 | 1.59 | 1.46 | 1.35 | 1.24 | 1.14 | 1.03 | 0.94 | 0.89 |
| -5                 | 411  | 292  | 155  | 59.4 | 22.6 | 10.6 | 5.73 | 3.68 | 2.69 | 2.13 | 1.73 | 1.54 | 1.42 | 1.31 | 1.21 | 1.07 | 0.96 | 0.90 |
| 0                  | 387  | 239  | 104  | 36.0 | 15.0 | 7.51 | 4.46 | 3.06 | 2.35 | 1.90 | 1.61 | 1.46 | 1.35 | 1.26 | 1.09 | 1.03 | 0.92 | 0.91 |
| 5                  | 351  | 247  | 130  | 50.9 | 20.1 | 9.61 | 5.34 | 3.49 | 2.59 | 2.07 | 1.71 | 1.52 | 1.41 | 1.29 | 1.20 | 1.06 | 0.95 | 0.89 |
| 10                 | 200  | 111  | 48.0 | 20.8 | 10.3 | 5.73 | 3.68 | 2.69 | 2.15 | 1.76 | 1.55 | 1.43 | 1.33 | 1.23 | 1.12 | 1.01 | 0.92 | 0.88 |
| 15                 | 145  | 96.7 | 49.9 | 22.6 | 11.3 | 6.29 | 3.95 | 2.82 | 2.22 | 1.83 | 1.57 | 1.44 | 1.35 | 1.25 | 1.15 | 1.05 | 0.95 | 0.87 |
| 20                 | 35.0 | 22.9 | 14.0 | 8.50 | 5.37 | 3.62 | 2.68 | 2.15 | 1.78 | 1.54 | 1.42 | 1.33 | 1.25 | 1.18 | 1.06 | 0.96 | 0.87 | 0.85 |
| 25                 | 25.1 | 18.2 | 12.1 | 7.82 | 5.14 | 3.57 | 2.67 | 2.13 | 1.78 | 1.52 | 1.39 | 1.35 | 1.26 | 1.17 | 1.08 | 0.99 | 0.89 | 0.84 |
| 30                 | 7.12 | 5.86 | 4.63 | 3.60 | 2.82 | 2.32 | 1.95 | 1.67 | 1.43 | 1.32 | 1.29 | 1.23 | 1.14 | 1.08 | 0.98 | 0.88 | 0.83 | 0.77 |
| 35                 | 5.44 | 4.74 | 3.96 | 3.23 | 2.64 | 2.20 | 1.87 | 1.63 | 1.45 | 1.32 | 1.26 | 1.25 | 1.17 | 1.09 | 1.01 | 0.94 | 0.86 | 0.82 |
| 40                 | 2.97 | 2.69 | 2.40 | 2.15 | 1.89 | 1.67 | 1.49 | 1.36 | 1.30 | 1.25 | 1.20 | 1.14 | 1.09 | 1.02 | 0.94 | 0.88 | 0.82 | 0.83 |
| 45                 | 2.46 | 2.30 | 2.13 | 1.93 | 1.76 | 1.61 | 1.48 | 1.38 | 1.30 | 1.25 | 1.21 | 1.16 | 1.10 | 1.04 | 0.97 | 0.91 | 0.85 | 0.82 |
| 50                 | 1.78 | 1.71 | 1.61 | 1.53 | 1.45 | 1.38 | 1.34 | 1.29 | 1.23 | 1.19 | 1.15 | 1.10 | 1.04 | 0.98 | 0.92 | 0.87 | 0.82 | 0.80 |
| 55                 | 1.64 | 1.60 | 1.55 | 1.49 | 1.43 | 1.37 | 1.32 | 1.28 | 1.24 | 1.19 | 1.15 | 1.10 | 1.05 | 0.99 | 0.94 | 0.89 | 0.85 | 0.83 |
| 60                 | 1.46 | 1.43 | 1.40 | 1.36 | 1.33 | 1.28 | 1.26 | 1.21 | 1.17 | 1.14 | 1.09 | 1.04 | 0.99 | 0.94 | 0.90 | 0.86 | 0.84 | 0.86 |
| 65                 | 1.35 | 1.32 | 1.30 | 1.27 | 1.27 | 1.23 | 1.20 | 1.15 | 1.14 | 1.09 | 1.04 | 1.01 | 0.98 | 0.95 | 0.89 | 0.86 | 0.85 | 0.84 |
| 70                 | 1.25 | 1.19 | 1.17 | 1.22 | 1.15 | 1.12 | 1.11 | 1.03 | 1.03 | 1.01 | 0.93 | 0.95 | 0.96 | 0.94 | 0.81 | 0.86 | 0.85 | 0.82 |
| 75                 | 1.11 | 1.09 | 1.08 | 1.06 | 1.08 | 1.05 | 1.03 | 1.00 | 1.00 | 0.97 | 0.95 | 0.92 | 0.92 | 0.91 | 0.87 | 0.86 | 0.86 | 0.84 |
| 80                 | 0.98 | 0.98 | 0.97 | 0.97 | 0.96 | 0.96 | 0.95 | 0.94 | 0.93 | 0.92 | 0.91 | 0.90 | 0.89 | 0.87 | 0.87 | 0.86 | 0.86 | 0.83 |
| 85                 | 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 |

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-05-22

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:5.780m [K=1.0000]  
Remarks: