

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

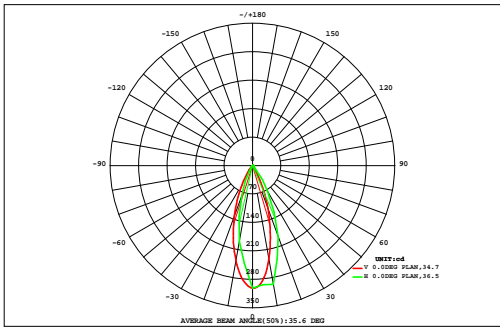
|   |                |  |
|---|----------------|--|
| Maximum Intensity<br>(Luminaire orientation as tested.) |                | 2342.7 cd per klm.<br>0.0 degrees vertical<br>0.0 degrees horizontal |
| Beam Spread   | At 10% of Imax | 64.2V x 61.6H  |
|   | At 50% of Imax | 36.5V x 34.7H  |
|   | At 90% of Imax | 15.7V x 12.8H  |
| Beam Flux   | Total          | 996.8 lumens per klm.  |
|   | To 10% of Imax | 893.3 lumens per klm.  |
|   | To 50% of Imax | 506.6 lumens per klm.  |
|   | To 90% of Imax | 108.0 lumens per klm.  |
|   | Upward LOR     | 0.0 %  |
|   | Downward LOR   | 99.7 %   |
| 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:2024-05-25

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:220.19V I:0.0229A P:2.4326W PF:0.4818 Freq:50.00Hz Lamp Flux:128.835x1 lm |                     |                     |
| NAME: 6388   | TYPE:               | WEIGHT:             |
| SPEC.:18W  | DIM.: 8.1*8.1*9.6cm | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:               | Shielding Angle:38° |



| DATA OF LAMP     |         | Eff:52.96lm/W   |          |
|------------------|---------|-----------------|----------|
| MODEL            |         | Imax(cd)        | 301.8    |
| NOMINAL POWER(W) |         | AVAILABILITY(%) | 90.4     |
| RATED VOLTAGE(V) |         | Avai. FLUX(lm)  | 116.5    |
| NOMINAL FLUX(lm) | 128.835 | LOR(%)          | 100.0    |
| LAMPS INSIDE     | 1       | TOTAL FLUX(lm)  | 128.8    |
| TEST VOLTAGE(V)  | 0       | q @50%(H,V)     | 35,37DEG |

| VERTICAL( DEG) | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | UNIT:lm |      | F t  | F a  |
|----------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|------|------|
|                | -90               | -80  | -70  | -60  | -50  | -40  | -30  | -20  | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 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 | 0.00 |      |
| 80             | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00    | 0.39 | 0.00 |      |
| 70             | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00    | 0.32 | 0.00 |      |
| 60             | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00    | 0.32 | 0.00 |      |
| 50             | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00    | 0.32 | 0.00 |      |
| 40             | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01    | 0.00 | 0.32 | 0.00 |
| 30             | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.07 | 0.14 | 0.19 | 0.17 | 0.11 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01    | 0.00 | 0.88 | 0.00 |
| 20             | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.08 | 0.41 | 0.96 | 1.19 | 0.96 | 0.49 | 0.15 | 0.03 | 0.02 | 0.01 | 0.01    | 0.00 | 4.40 | 2.62 |
| 10             | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.05 | 0.35 | 1.64 | 3.26 | 3.77 | 2.78 | 1.33 | 0.42 | 0.08 | 0.02 | 0.01 | 0.01    | 0.00 | 13.8 | 12.7 |
| 0              | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.10 | 0.94 | 3.61 | 6.49 | 7.17 | 5.03 | 2.40 | 0.73 | 0.14 | 0.02 | 0.01 | 0.01    | 0.00 | 26.7 | 25.8 |
| -10            | 0.00              | 0.01 | 0.01 | 0.02 | 0.03 | 0.14 | 1.39 | 4.67 | 8.41 | 8.98 | 6.12 | 2.86 | 0.86 | 0.17 | 0.02 | 0.01 | 0.01    | 0.00 | 33.7 | 32.9 |
| -20            | 0.00              | 0.01 | 0.01 | 0.02 | 0.03 | 0.13 | 1.17 | 3.86 | 6.87 | 7.26 | 4.99 | 2.33 | 0.68 | 0.13 | 0.02 | 0.01 | 0.01    | 0.00 | 27.5 | 26.7 |
| -30            | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.07 | 0.54 | 1.90 | 3.46 | 3.79 | 2.71 | 1.29 | 0.38 | 0.07 | 0.02 | 0.01 | 0.01    | 0.00 | 14.3 | 13.3 |
| -40            | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.14 | 0.47 | 1.03 | 1.14 | 0.86 | 0.40 | 0.14 | 0.03 | 0.02 | 0.01 | 0.01    | 0.00 | 4.33 | 2.44 |
| -50            | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.07 | 0.11 | 0.14 | 0.12 | 0.08 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01    | 0.00 | 0.71 | 0.00 |
| -60            | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01    | 0.00 | 0.28 | 0.00 |
| -70            | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01    | 0.00 | 0.34 | 0.00 |
| -80            | 0.00              | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01    | 0.00 | 0.33 | 0.00 |
| -90            | 0.00              | 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 | 0.00    | 0.00 | 0.16 | 0.00 |
|                | -90               | -80  | -70  | -60  | -50  | -40  | -30  | -20  | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   |         |      |      |      |
| F t            | 0.04              | 0.12 | 0.20 | 0.28 | 0.35 | 0.77 | 4.87 | 16.9 | 30.9 | 33.9 | 24.0 | 11.5 | 3.62 | 0.83 | 0.26 | 0.19 | 0.12    | 0.04 | 129  | ---  |
| F a            | 0.00              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.38 | 15.7 | 30.0 | 32.8 | 22.9 | 10.1 | 1.61 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | ---  | 117  |

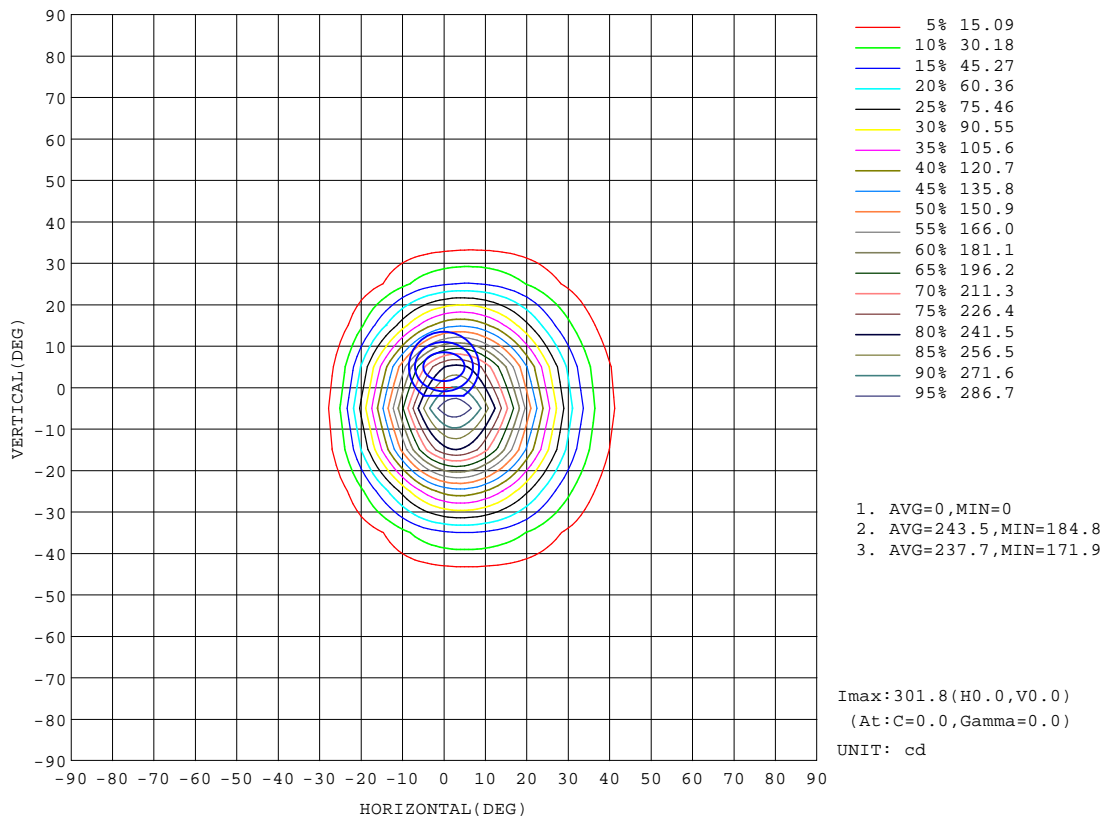
one-half-peak spread: U:23.4,D:13.4 , L:16.7,R:18.3 NEMA Beam Type: Type 4

H(h) Range:-90 - 90DEG  
H(h) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-05-25

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:220.19V I:0.0229A P:2.4326W PF:0.4818 Freq:50.00Hz Lamp Flux:128.835x1 lm |                     |                     |
| NAME: 6388   | TYPE:               | WEIGHT:             |
| SPEC.:18W  | DIM.: 8.1*8.1*9.6cm | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:               | Shielding Angle:38° |

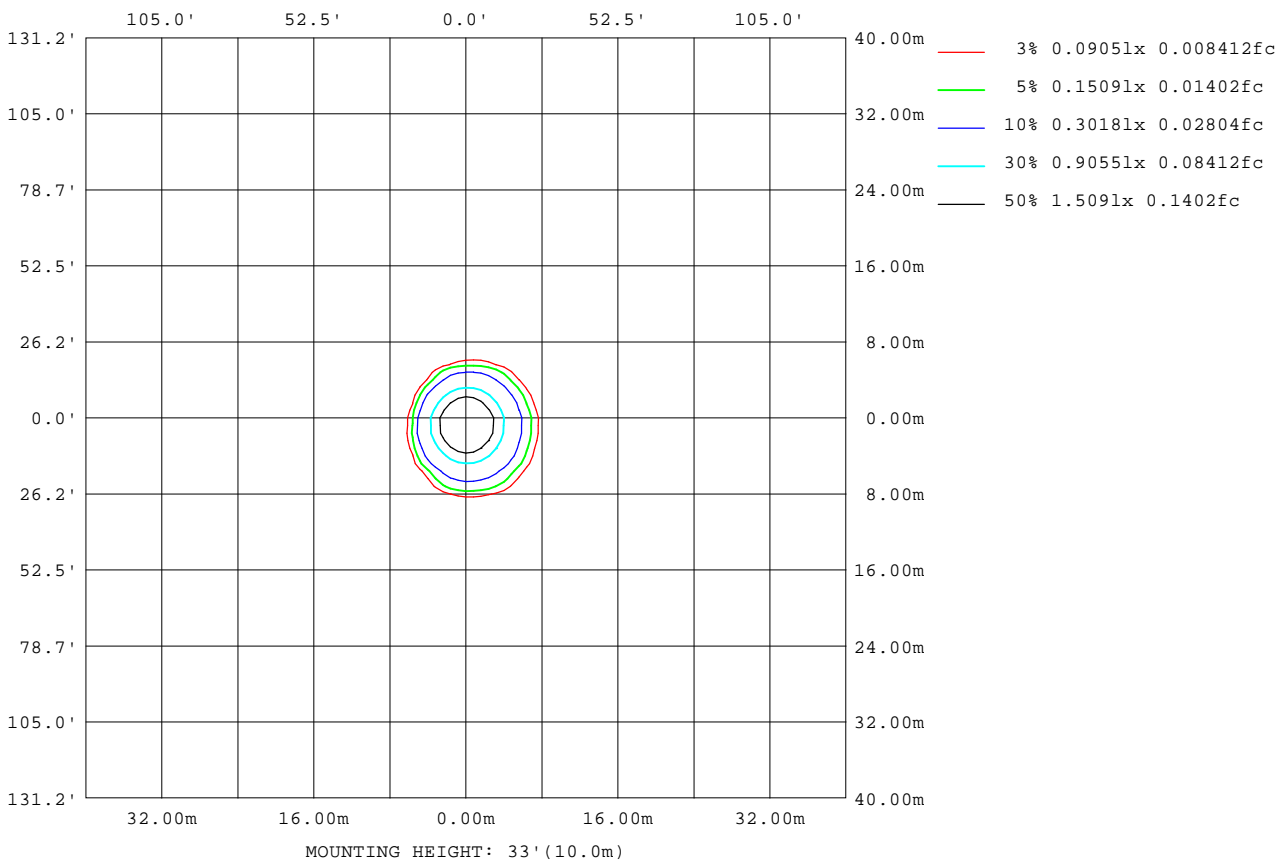


H<sub>(b)</sub> Range:-90 - 90DEG  
 H<sub>(b)</sub> Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-05-25

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

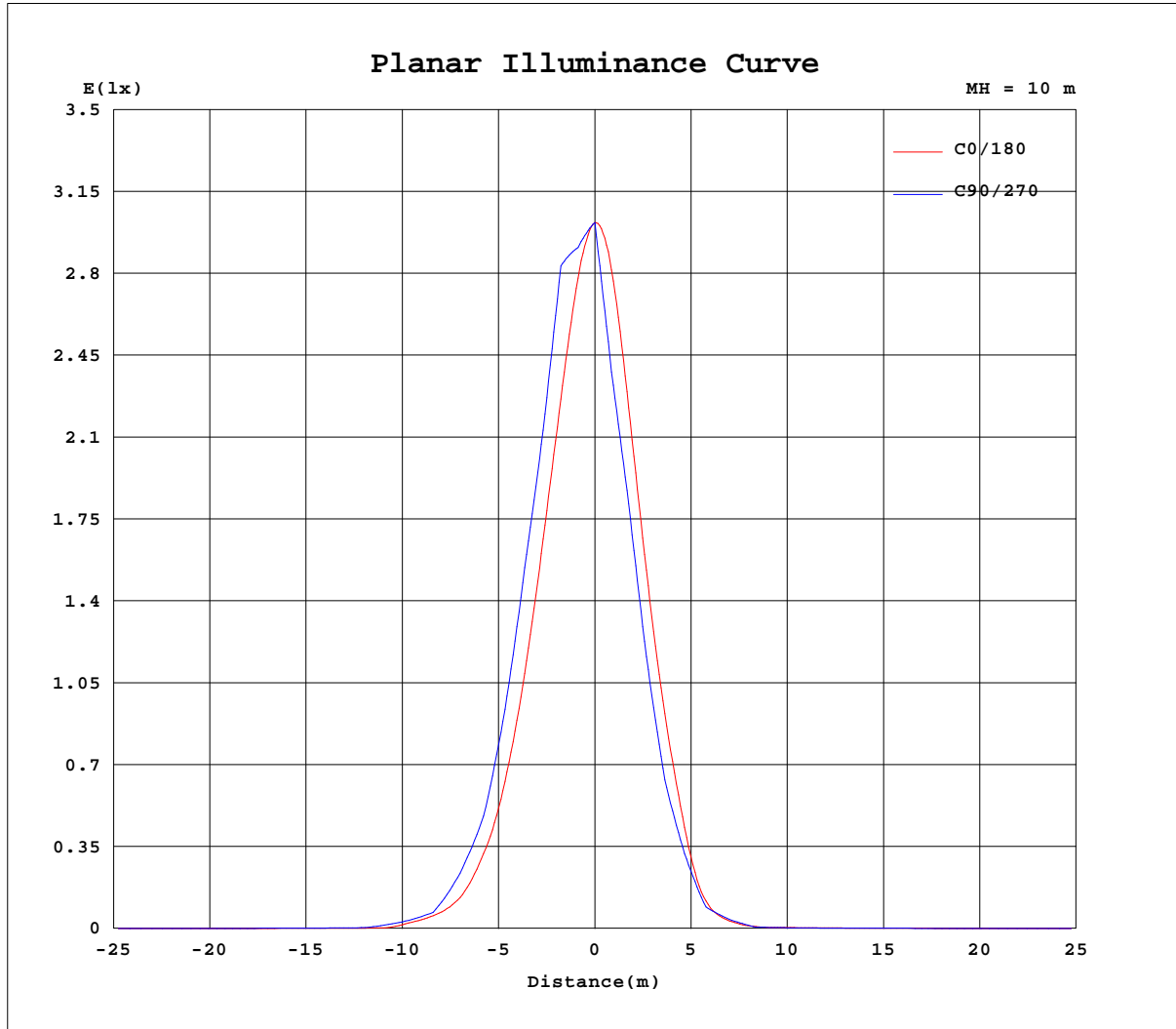
|  |                     |                     |
|--|---------------------|---------------------|
| Test:U:220.19V I:0.0229A P:2.4326W PF:0.4818 Freq:50.00Hz Lamp Flux:128.835x1 lm |                     |                     |
| NAME: 6388   | TYPE:               | WEIGHT:             |
| SPEC.:18W  | DIM.: 8.1*8.1*9.6cm | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:               | Shielding Angle:38° |



H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-05-25

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



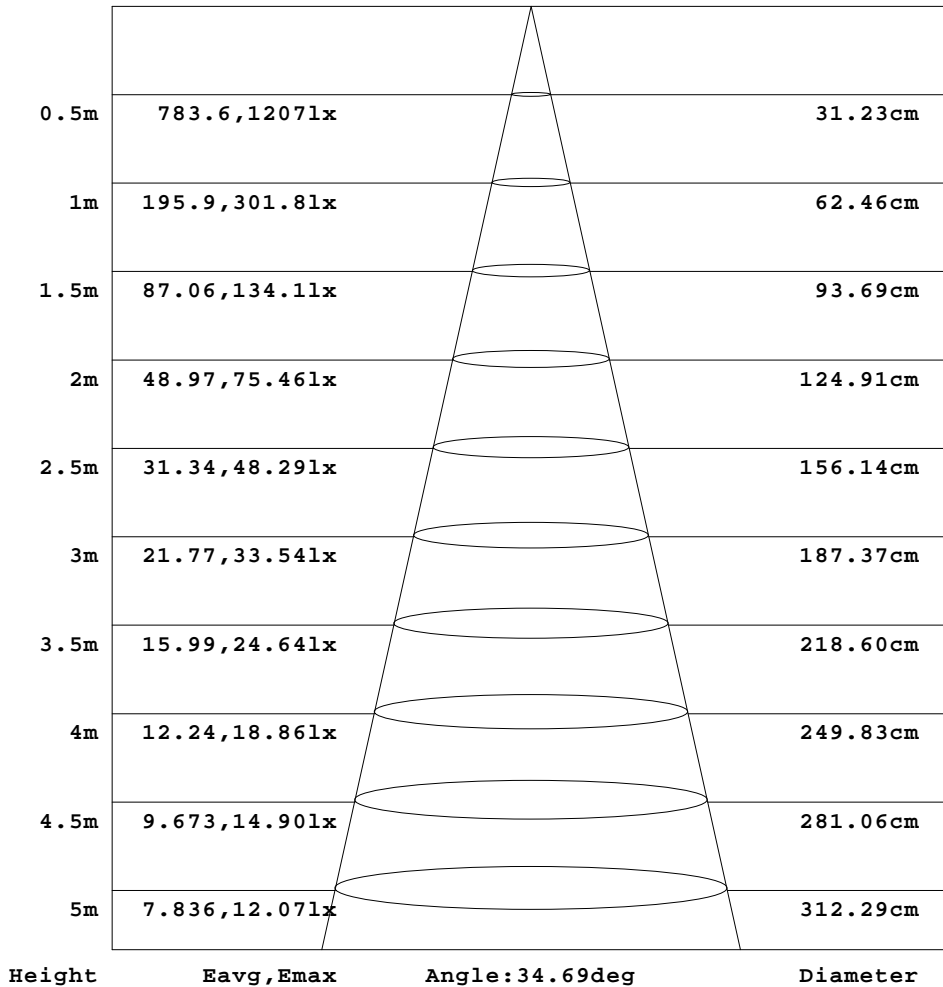
H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:AED  
 Test Date:2024-05-25

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:220.19V I:0.0229A P:2.4326W PF:0.4818 Freq:50.00Hz Lamp Flux:128.835x1 lm |                     |                     |
| NAME: 6388   | TYPE:               | WEIGHT:             |
| SPEC.:18W  | DIM.: 8.1*8.1*9.6cm | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:               | Shielding Angle:38° |

Flux out:61.18 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:2024-05-25

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:220.19V I:0.0229A P:2.4326W PF:0.4818 Freq:50.00Hz Lamp Flux:128.835x1 lm |                     |                     |
| NAME: 6388   | TYPE:               | WEIGHT:             |
| SPEC.:18W  | DIM.: 8.1*8.1*9.6cm | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:               | Shielding Angle:38° |

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                | 0.85 | 0.86 | 0.87 | 0.86 | 0.87 | 0.87 | 0.87 | 0.88 | 0.88 | 0.90 | 0.90 | 0.90 | 0.91 | 0.91 | 0.93 | 0.93 | 0.94 | 0.94 | 0.94 |
| -75                | 0.84 | 0.86 | 0.86 | 0.87 | 0.87 | 0.87 | 0.88 | 0.88 | 0.89 | 0.90 | 0.91 | 0.92 | 0.93 | 0.94 | 0.95 | 0.96 | 0.97 | 0.98 | 0.99 |
| -70                | 0.86 | 0.87 | 0.86 | 0.88 | 0.87 | 0.88 | 0.89 | 0.89 | 0.92 | 0.92 | 0.93 | 0.94 | 0.97 | 0.97 | 1.00 | 1.01 | 1.02 | 1.03 | 1.03 |
| -65                | 0.85 | 0.86 | 0.87 | 0.88 | 0.88 | 0.87 | 0.88 | 0.88 | 0.90 | 0.92 | 0.93 | 0.95 | 0.97 | 0.99 | 1.01 | 1.04 | 1.05 | 1.06 | 1.08 |
| -60                | 0.85 | 0.87 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.91 | 0.92 | 0.93 | 0.95 | 0.97 | 1.00 | 1.02 | 1.06 | 1.08 | 1.09 | 1.11 | 1.11 |
| -55                | 0.86 | 0.86 | 0.87 | 0.88 | 0.88 | 0.87 | 0.88 | 0.89 | 0.90 | 0.92 | 0.93 | 0.95 | 0.97 | 1.01 | 1.04 | 1.08 | 1.10 | 1.15 | 1.27 |
| -50                | 0.86 | 0.87 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.90 | 0.91 | 0.92 | 0.93 | 0.96 | 0.99 | 1.03 | 1.08 | 1.12 | 1.16 | 1.30 | 1.63 |
| -45                | 0.89 | 0.88 | 0.89 | 0.89 | 0.89 | 0.89 | 0.90 | 0.91 | 0.92 | 0.92 | 0.93 | 0.95 | 0.97 | 1.03 | 1.67 | 3.11 | 4.85 | 6.64 | 8.10 |
| -40                | 0.88 | 0.87 | 0.88 | 0.89 | 0.92 | 0.91 | 0.92 | 0.92 | 0.94 | 0.94 | 0.95 | 0.96 | 1.00 | 1.59 | 3.93 | 7.17 | 10.7 | 13.9 | 15.6 |
| -35                | 0.91 | 0.88 | 0.90 | 0.91 | 0.92 | 0.93 | 0.94 | 0.96 | 0.97 | 0.97 | 0.97 | 0.99 | 1.49 | 3.57 | 7.23 | 14.3 | 25.7 | 36.7 | 43.2 |
| -30                | 0.90 | 0.90 | 0.92 | 0.94 | 0.94 | 0.97 | 0.97 | 1.00 | 1.00 | 1.01 | 1.02 | 1.24 | 4.22 | 9.42 | 18.0 | 34.7 | 54.8 | 68.4 | 74.2 |
| -25                | 0.88 | 0.89 | 0.91 | 0.93 | 0.95 | 0.97 | 0.99 | 1.02 | 1.05 | 1.06 | 1.07 | 1.38 | 4.05 | 10.9 | 27.3 | 52.1 | 80.3 | 108  | 126  |
| -20                | 0.89 | 0.90 | 0.92 | 0.95 | 0.98 | 1.01 | 1.05 | 1.08 | 1.12 | 1.14 | 1.21 | 3.87 | 10.7 | 29.1 | 65.5 | 103  | 140  | 172  | 186  |
| -15                | 0.85 | 0.90 | 0.91 | 0.93 | 0.95 | 1.00 | 1.03 | 1.07 | 1.12 | 1.15 | 1.17 | 2.43 | 7.96 | 23.6 | 60.8 | 106  | 156  | 204  | 236  |
| -10                | 0.88 | 0.89 | 0.92 | 0.94 | 0.98 | 1.04 | 1.07 | 1.12 | 1.16 | 1.20 | 1.79 | 6.49 | 19.2 | 58.8 | 109  | 168  | 231  | 282  | 296  |
| -5                 | 0.84 | 0.90 | 0.92 | 0.94 | 0.97 | 1.01 | 1.06 | 1.10 | 1.15 | 1.19 | 1.23 | 3.06 | 9.45 | 30.9 | 79.2 | 132  | 194  | 255  | 294  |
| 0                  | 0.90 | 0.91 | 0.94 | 0.97 | 1.01 | 1.04 | 1.10 | 1.14 | 1.18 | 1.24 | 1.80 | 6.06 | 18.1 | 58.2 | 111  | 170  | 233  | 285  | 302  |
| 5                  | 0.85 | 0.89 | 0.92 | 0.94 | 0.97 | 1.00 | 1.04 | 1.09 | 1.12 | 1.15 | 1.19 | 2.37 | 7.41 | 22.7 | 61.9 | 109  | 159  | 208  | 241  |
| 10                 | 0.88 | 0.90 | 0.92 | 0.94 | 0.97 | 1.00 | 1.03 | 1.06 | 1.09 | 1.11 | 1.21 | 3.77 | 10.0 | 29.7 | 69.2 | 108  | 146  | 177  | 190  |
| 15                 | 0.87 | 0.89 | 0.91 | 0.93 | 0.96 | 0.97 | 1.00 | 1.03 | 1.05 | 1.06 | 1.07 | 1.39 | 3.77 | 10.1 | 27.8 | 54.7 | 83.7 | 111  | 129  |
| 20                 | 0.90 | 0.91 | 0.92 | 0.94 | 0.96 | 0.98 | 1.00 | 1.01 | 1.03 | 1.01 | 1.04 | 1.20 | 3.49 | 8.42 | 18.1 | 35.9 | 55.8 | 69.8 | 76.6 |
| 25                 | 0.88 | 0.88 | 0.89 | 0.90 | 0.93 | 0.92 | 0.95 | 0.96 | 0.96 | 0.97 | 0.96 | 0.96 | 1.35 | 3.06 | 6.66 | 14.5 | 26.0 | 36.6 | 43.2 |
| 30                 | 0.88 | 0.87 | 0.88 | 0.88 | 0.90 | 0.90 | 0.90 | 0.90 | 0.92 | 0.90 | 0.91 | 0.91 | 0.92 | 1.36 | 3.44 | 6.53 | 9.57 | 12.3 | 14.2 |
| 35                 | 0.86 | 0.86 | 0.86 | 0.87 | 0.88 | 0.87 | 0.89 | 0.89 | 0.89 | 0.89 | 0.90 | 0.90 | 0.90 | 0.93 | 1.44 | 2.77 | 4.35 | 5.87 | 7.18 |
| 40                 | 0.85 | 0.86 | 0.87 | 0.86 | 0.86 | 0.86 | 0.87 | 0.88 | 0.88 | 0.87 | 0.90 | 0.89 | 0.89 | 0.90 | 0.92 | 0.93 | 0.96 | 1.14 | 1.38 |
| 45                 | 0.85 | 0.85 | 0.86 | 0.86 | 0.86 | 0.86 | 0.87 | 0.88 | 0.88 | 0.88 | 0.90 | 0.90 | 0.90 | 0.91 | 0.92 | 0.93 | 0.94 | 0.98 | 1.09 |
| 50                 | 0.85 | 0.86 | 0.85 | 0.86 | 0.86 | 0.87 | 0.88 | 0.87 | 0.88 | 0.90 | 0.90 | 0.91 | 0.91 | 0.92 | 0.93 | 0.95 | 0.93 | 0.95 | 0.94 |
| 55                 | 0.87 | 0.86 | 0.87 | 0.87 | 0.87 | 0.87 | 0.88 | 0.88 | 0.89 | 0.89 | 0.90 | 0.91 | 0.92 | 0.93 | 0.94 | 0.94 | 0.95 | 0.96 | 0.95 |
| 60                 | 0.87 | 0.87 | 0.86 | 0.88 | 0.87 | 0.88 | 0.88 | 0.90 | 0.90 | 0.90 | 0.92 | 0.92 | 0.93 | 0.93 | 0.95 | 0.95 | 0.95 | 0.95 | 0.96 |
| 65                 | 0.87 | 0.88 | 0.89 | 0.89 | 0.89 | 0.89 | 0.90 | 0.89 | 0.91 | 0.91 | 0.92 | 0.93 | 0.92 | 0.94 | 0.94 | 0.94 | 0.95 | 0.95 | 0.95 |
| 70                 | 0.88 | 0.88 | 0.89 | 0.90 | 0.91 | 0.90 | 0.91 | 0.91 | 0.92 | 0.92 | 0.93 | 0.93 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.95 |
| 75                 | 0.88 | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 | 0.90 | 0.90 | 0.90 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.92 | 0.92 | 0.92 |
| 80                 | 0.88 | 0.88 | 0.88 | 0.88 | 0.87 | 0.87 | 0.88 | 0.87 | 0.88 | 0.88 | 0.88 | 0.88 | 0.89 | 0.89 | 0.88 | 0.89 | 0.89 | 0.90 | 0.90 |
| 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(h) Range:-90 - 90DEG  
H(h) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:AED  
Test Date:2024-05-25

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:220.19V I:0.0229A P:2.4326W PF:0.4818 Freq:50.00Hz Lamp Flux:128.835x1 lm |                     |                     |
| NAME: 6388   | TYPE:               | WEIGHT:             |
| SPEC.:18W  | DIM.: 8.1*8.1*9.6cm | SERIAL No.:01       |
| MFR.: NORDECOR   | SUR.:               | Shielding Angle:38° |

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                | 0.94 | 0.94 | 0.93 | 0.93 | 0.93 | 0.92 | 0.91 | 0.91 | 0.90 | 0.89 | 0.89 | 0.88 | 0.88 | 0.88 | 0.87 | 0.87 | 0.86 | 0.82 |
| -75                | 0.99 | 0.99 | 0.98 | 0.97 | 0.96 | 0.96 | 0.94 | 0.94 | 0.92 | 0.91 | 0.90 | 0.88 | 0.88 | 0.88 | 0.87 | 0.87 | 0.86 | 0.85 |
| -70                | 1.04 | 1.02 | 1.01 | 1.01 | 0.99 | 0.98 | 0.96 | 0.93 | 0.92 | 0.91 | 0.89 | 0.89 | 0.88 | 0.88 | 0.86 | 0.86 | 0.86 | 0.85 |
| -65                | 1.07 | 1.07 | 1.06 | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.91 | 0.90 | 0.88 | 0.88 | 0.87 | 0.86 | 0.86 | 0.86 | 0.85 |
| -60                | 1.11 | 1.10 | 1.07 | 1.05 | 1.03 | 1.00 | 0.96 | 0.94 | 0.92 | 0.90 | 0.88 | 0.86 | 0.86 | 0.86 | 0.86 | 0.85 | 0.85 | 0.84 |
| -55                | 1.42 | 1.44 | 1.32 | 1.15 | 1.05 | 1.01 | 0.98 | 0.94 | 0.91 | 0.90 | 0.89 | 0.87 | 0.87 | 0.86 | 0.85 | 0.85 | 0.84 | 0.84 |
| -50                | 1.80 | 1.70 | 1.37 | 1.11 | 1.04 | 0.98 | 0.94 | 0.90 | 0.88 | 0.87 | 0.86 | 0.86 | 0.86 | 0.85 | 0.84 | 0.85 | 0.84 | 0.85 |
| -45                | 8.74 | 8.57 | 7.74 | 6.52 | 5.15 | 3.75 | 2.08 | 0.98 | 0.89 | 0.88 | 0.87 | 0.85 | 0.86 | 0.85 | 0.85 | 0.85 | 0.84 | 0.84 |
| -40                | 15.7 | 14.6 | 12.7 | 10.3 | 7.57 | 4.64 | 1.52 | 0.90 | 0.87 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.85 | 0.87 |
| -35                | 45.1 | 43.1 | 37.6 | 29.8 | 20.5 | 12.9 | 7.45 | 3.79 | 1.28 | 0.89 | 0.88 | 0.88 | 0.89 | 0.88 | 0.88 | 0.88 | 0.87 | 0.87 |
| -30                | 73.1 | 65.9 | 53.6 | 38.0 | 23.7 | 14.3 | 8.42 | 3.60 | 0.94 | 0.90 | 0.91 | 0.90 | 0.91 | 0.90 | 0.90 | 0.89 | 0.88 | 0.86 |
| -25                | 130  | 120  | 101  | 77.9 | 53.5 | 33.2 | 17.9 | 9.52 | 3.93 | 0.95 | 0.92 | 0.93 | 0.92 | 0.91 | 0.91 | 0.90 | 0.89 | 0.89 |
| -20                | 178  | 154  | 121  | 88.2 | 57.3 | 32.1 | 16.1 | 8.41 | 1.72 | 0.95 | 0.94 | 0.94 | 0.94 | 0.92 | 0.91 | 0.90 | 0.90 | 0.93 |
| -15                | 238  | 215  | 177  | 134  | 92.3 | 56.7 | 30.5 | 14.9 | 7.45 | 1.11 | 0.97 | 0.96 | 0.95 | 0.94 | 0.93 | 0.92 | 0.91 | 0.90 |
| -10                | 275  | 234  | 181  | 129  | 82.3 | 47.8 | 23.2 | 11.6 | 4.08 | 1.00 | 0.98 | 0.97 | 0.97 | 0.94 | 0.94 | 0.92 | 0.91 | 0.90 |
| -5                 | 294  | 263  | 215  | 161  | 111  | 67.4 | 37.6 | 17.8 | 9.03 | 1.36 | 0.99 | 0.97 | 0.97 | 0.95 | 0.94 | 0.93 | 0.91 | 0.90 |
| 0                  | 281  | 237  | 185  | 132  | 84.6 | 49.4 | 24.2 | 12.4 | 4.86 | 0.98 | 0.96 | 0.96 | 0.94 | 0.94 | 0.93 | 0.91 | 0.90 | 0.91 |
| 5                  | 243  | 219  | 181  | 136  | 93.5 | 57.7 | 31.5 | 15.7 | 7.92 | 1.27 | 0.96 | 0.96 | 0.95 | 0.93 | 0.92 | 0.90 | 0.90 | 0.90 |
| 10                 | 182  | 158  | 124  | 88.6 | 57.0 | 32.4 | 16.7 | 8.89 | 2.56 | 0.95 | 0.95 | 0.96 | 0.92 | 0.88 | 0.89 | 0.88 | 0.90 | 0.88 |
| 15                 | 133  | 124  | 103  | 78.8 | 53.5 | 33.3 | 18.1 | 9.85 | 4.26 | 0.98 | 0.92 | 0.93 | 0.92 | 0.91 | 0.91 | 0.89 | 0.89 | 0.89 |
| 20                 | 75.6 | 67.3 | 53.8 | 38.2 | 23.9 | 14.2 | 8.32 | 3.77 | 0.94 | 0.88 | 0.90 | 0.89 | 0.91 | 0.91 | 0.90 | 0.89 | 0.89 | 0.87 |
| 25                 | 45.9 | 44.1 | 38.0 | 29.6 | 20.3 | 12.7 | 7.23 | 3.76 | 1.44 | 0.87 | 0.87 | 0.88 | 0.87 | 0.88 | 0.88 | 0.87 | 0.87 | 0.86 |
| 30                 | 15.1 | 14.3 | 12.4 | 9.76 | 7.05 | 4.12 | 1.47 | 0.87 | 0.86 | 0.85 | 0.85 | 0.85 | 0.86 | 0.86 | 0.85 | 0.85 | 0.85 | 0.84 |
| 35                 | 8.08 | 8.22 | 7.49 | 6.22 | 4.79 | 3.41 | 1.89 | 0.93 | 0.85 | 0.84 | 0.84 | 0.84 | 0.84 | 0.84 | 0.84 | 0.83 | 0.84 | 0.83 |
| 40                 | 1.48 | 1.43 | 1.18 | 0.96 | 0.90 | 0.87 | 0.87 | 0.84 | 0.84 | 0.84 | 0.83 | 0.84 | 0.82 | 0.84 | 0.82 | 0.82 | 0.83 | 0.84 |
| 45                 | 1.19 | 1.21 | 1.13 | 1.00 | 0.91 | 0.89 | 0.89 | 0.87 | 0.86 | 0.85 | 0.84 | 0.84 | 0.84 | 0.83 | 0.84 | 0.83 | 0.83 | 0.83 |
| 50                 | 0.95 | 0.94 | 0.93 | 0.92 | 0.91 | 0.90 | 0.89 | 0.87 | 0.87 | 0.86 | 0.84 | 0.85 | 0.84 | 0.84 | 0.83 | 0.84 | 0.83 | 0.81 |
| 55                 | 0.95 | 0.95 | 0.94 | 0.93 | 0.92 | 0.91 | 0.91 | 0.89 | 0.89 | 0.88 | 0.86 | 0.86 | 0.86 | 0.85 | 0.85 | 0.85 | 0.84 | 0.85 |
| 60                 | 0.95 | 0.94 | 0.95 | 0.94 | 0.93 | 0.92 | 0.92 | 0.90 | 0.89 | 0.88 | 0.88 | 0.87 | 0.86 | 0.86 | 0.85 | 0.86 | 0.85 | 0.82 |
| 65                 | 0.95 | 0.95 | 0.95 | 0.94 | 0.94 | 0.93 | 0.92 | 0.92 | 0.92 | 0.91 | 0.90 | 0.89 | 0.90 | 0.89 | 0.88 | 0.88 | 0.87 | 0.87 |
| 70                 | 0.94 | 0.94 | 0.94 | 0.95 | 0.94 | 0.94 | 0.93 | 0.93 | 0.92 | 0.92 | 0.91 | 0.92 | 0.91 | 0.91 | 0.90 | 0.88 | 0.89 | 0.90 |
| 75                 | 0.93 | 0.93 | 0.92 | 0.92 | 0.93 | 0.92 | 0.92 | 0.92 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.90 | 0.90 | 0.90 | 0.90 |
| 80                 | 0.90 | 0.90 | 0.90 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.91 | 0.89 | 0.91 | 0.90 | 0.89 | 0.90 | 0.90 | 0.90 | 0.91 | 0.90 |
| 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:2024-05-25

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: