

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

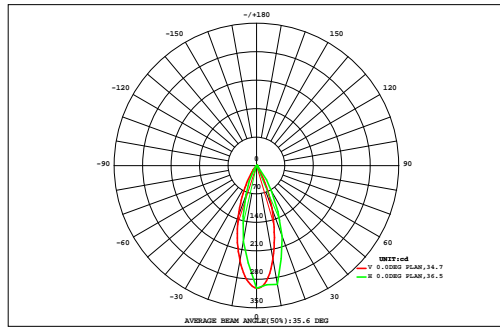
| | | |
|---|----------------|--|
| Maximum Intensity (Luminaire orientation as tested.) | | 2342.7 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal |
| Beam Spread | At 10% of Imax | 64.2V x 61.6H |
| | At 50% of Imax | 36.5V x 34.7H |
| | At 90% of Imax | 15.7V x 12.8H |
| Beam Flux | Total | 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(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:

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: 6377 | TYPE: | WEIGHT:550g |
| SPEC.:20W | DIM.: 28.5*4.6*5.2cm | 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 | 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 | 0.02 | 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 | HORIZONTAL(DEG) | 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 |

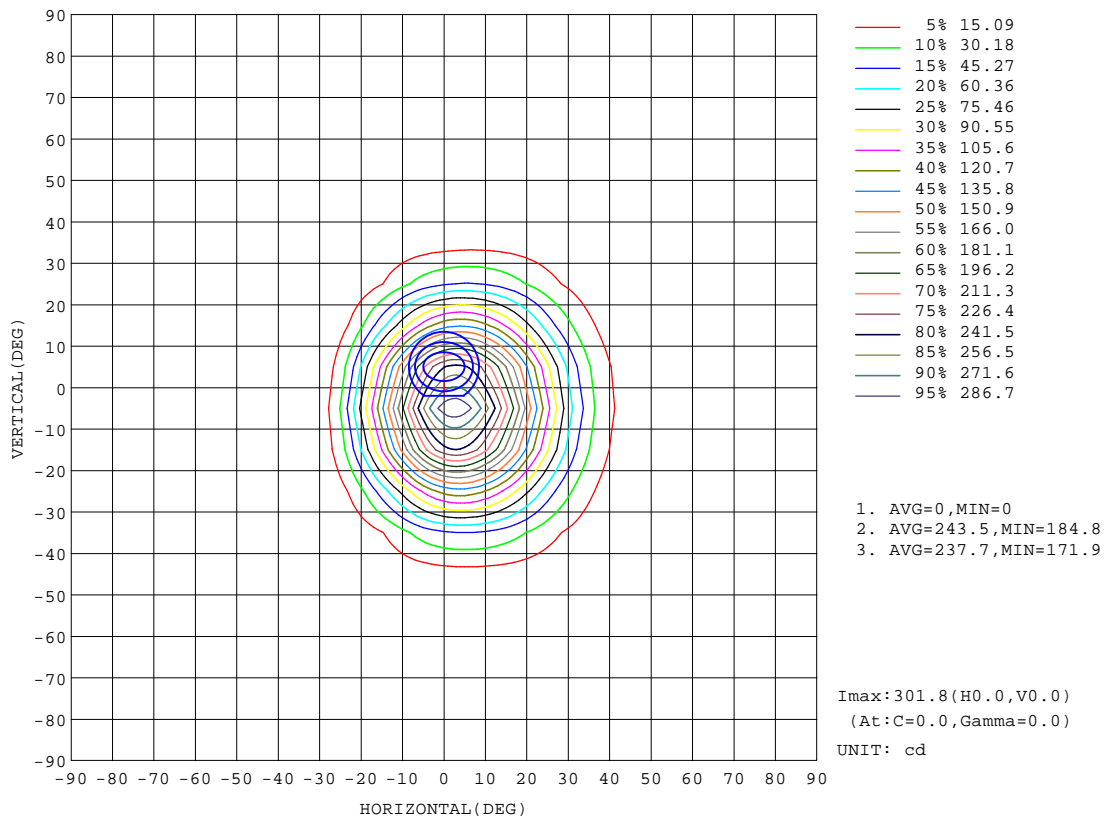
one-half-peak spread: U:23.4,D:13.4 , L:16.7,R:18.3 NEMA Beam Type: Type 4

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: 6377 | TYPE: | WEIGHT:550g |
| SPEC.:20W | DIM.: 28.5*4.6*5.2cm | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:38° |

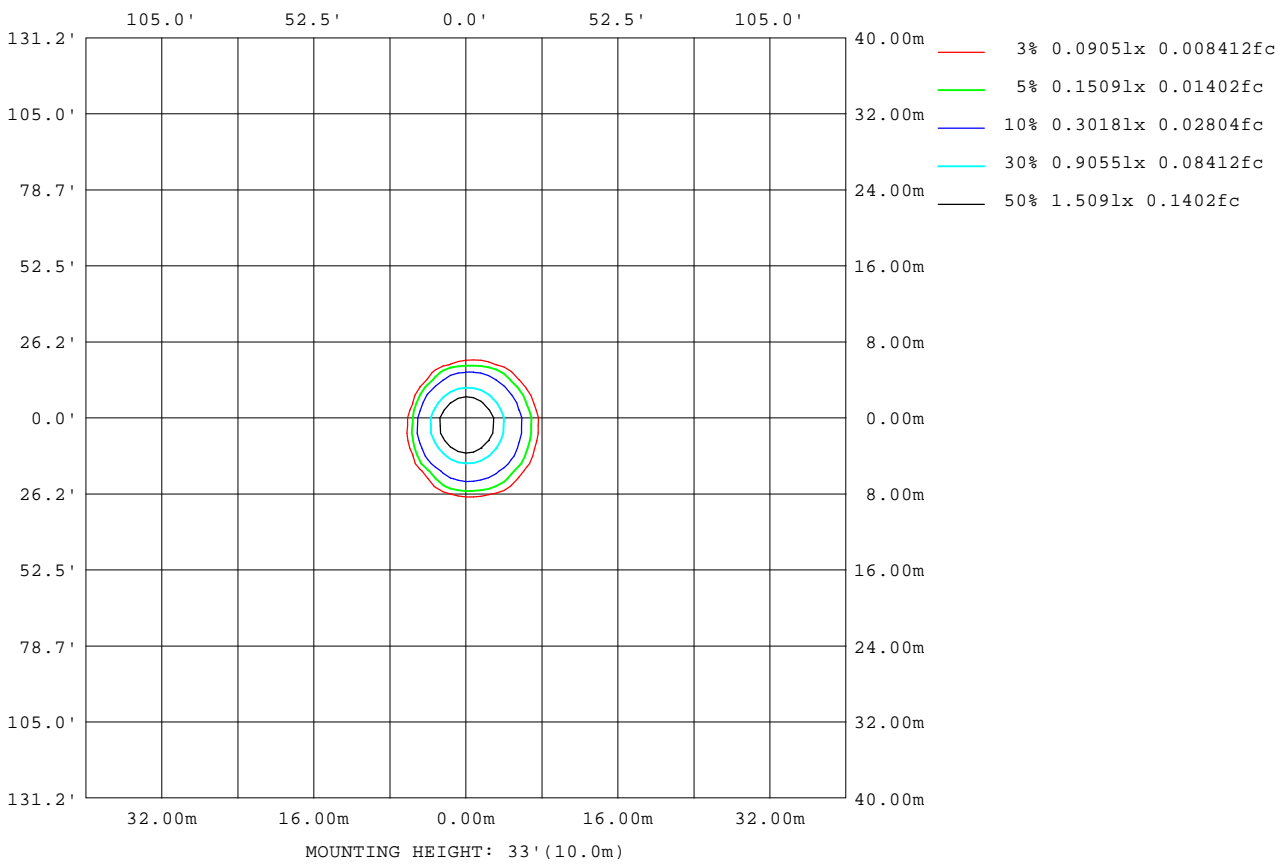


H_(b) Range:-90 - 90DEG
 H_(b) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-05-25

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

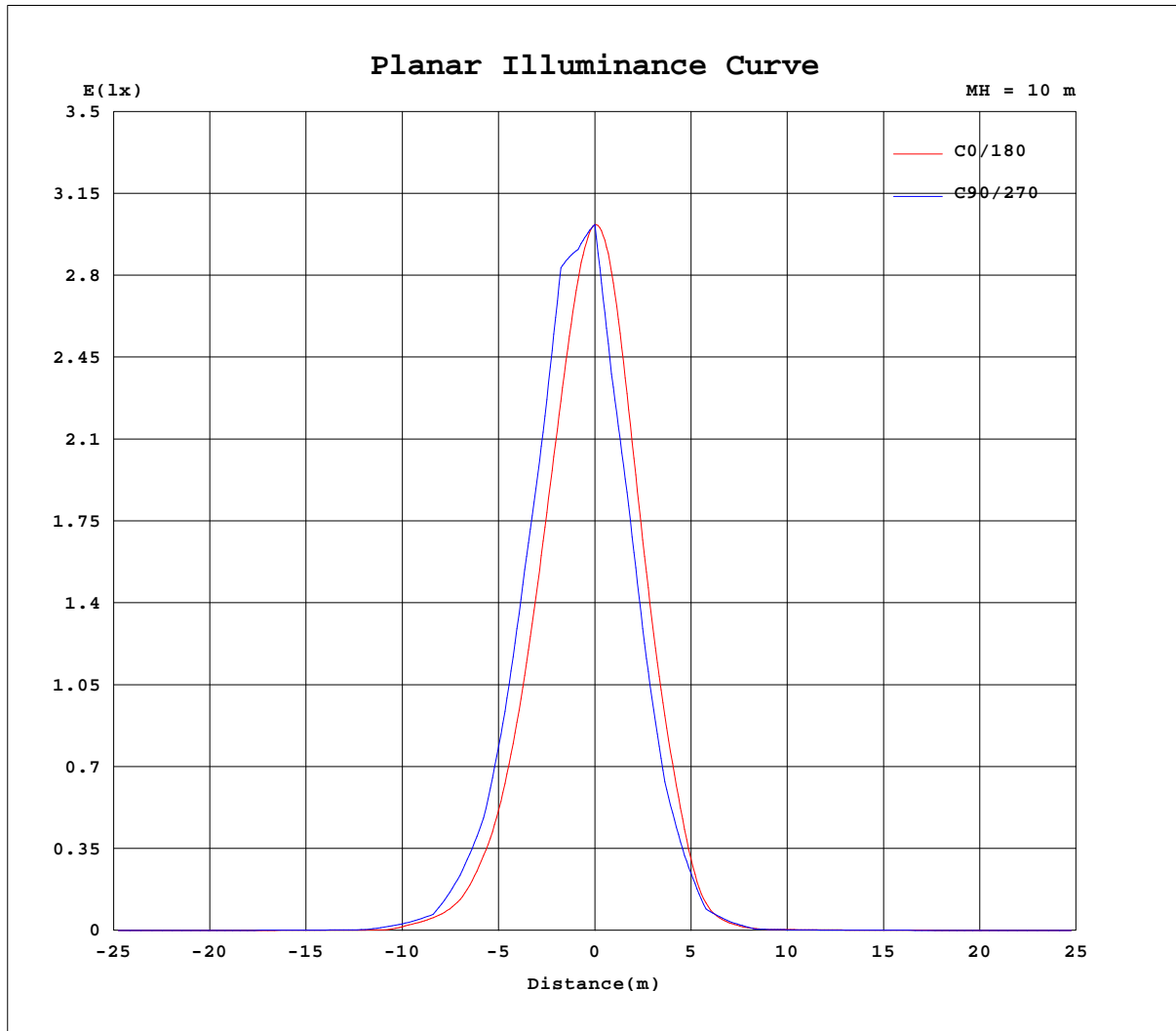
| | | |
|--|----------------------|---------------------|
| Test:U:220.19V I:0.0229A P:2.4326W PF:0.4818 Freq:50.00Hz Lamp Flux:128.835x1 lm | | |
| NAME: 6377 | TYPE: | WEIGHT:550g |
| SPEC.:20W | DIM.: 28.5*4.6*5.2cm | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:38° |



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:

Planar Illuminance Curve



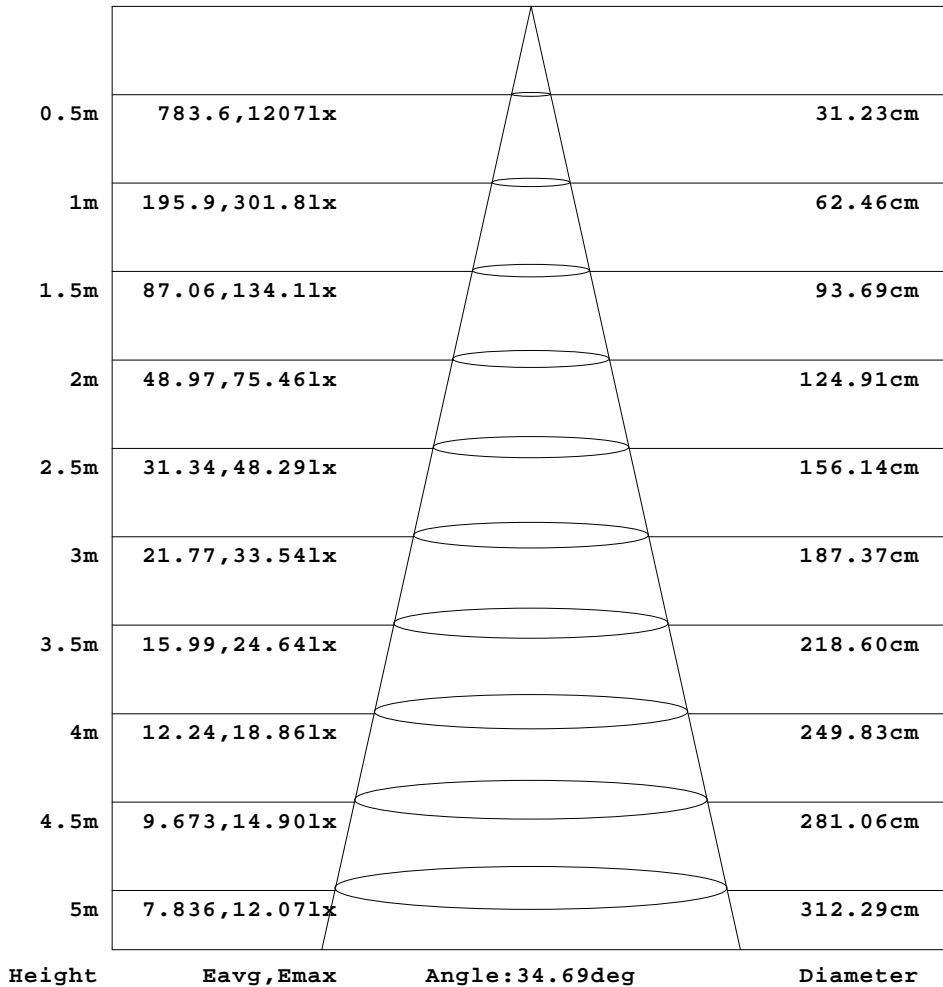
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-05-25

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:

AAI Figure

| | | |
|--|----------------------|---------------------|
| Test:U:220.19V I:0.0229A P:2.4326W PF:0.4818 Freq:50.00Hz Lamp Flux:128.835x1 lm | | |
| NAME: 6377 | TYPE: | WEIGHT:550g |
| SPEC.:20W | DIM.: 28.5*4.6*5.2cm | 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: 6377 | TYPE: | WEIGHT:550g |
| SPEC.:20W | DIM.: 28.5*4.6*5.2cm | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:38° |

Table--1

UNIT: cd

| H(DEG) 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: 6377 | TYPE: | WEIGHT:550g |
| SPEC.:20W | DIM.: 28.5*4.6*5.2cm | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:38° |

Table--2

UNIT: cd

| H(DEG) 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 | 0.86 | 0.86 | 0.86 | 0.84 | 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: