

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

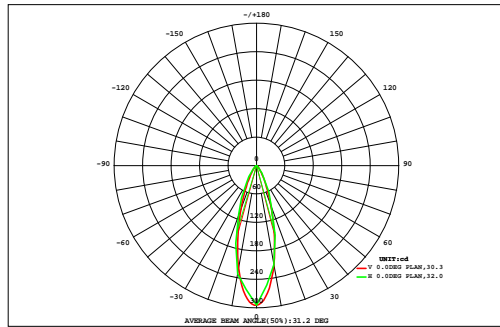
| | | |
|---|----------------|--|
| Maximum Intensity (Luminaire orientation as tested.) | | 2558.7 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal |
| Beam Spread | At 10% of Imax | 64.8V x 60.5H |
| | At 50% of Imax | 32.0V x 30.3H |
| | At 90% of Imax | 8.5V x 11.5H |
| Beam Flux | Total | 999.8 lumens per klm. |
| | To 10% of Imax | 824.5 lumens per klm. |
| | To 50% of Imax | 406.3 lumens per klm. |
| | To 90% of Imax | 46.3 lumens per klm. |
| | Upward LOR | 0.0 % |
| | Downward LOR | 100.0 % |
| 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:2024-07-12

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:220.18V I:0.0244A P:2.5827W PF:0.4802 Freq:50.00Hz Lamp Flux:115.076x1 lm | | |
| NAME: 6684 | TYPE: | WEIGHT: |
| SPEC.:2W | DIM.: | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:30° |



| DATA OF LAMP | | Eff:44.56lm/W | |
|------------------|---------|-----------------|----------|
| MODEL | | Imax(cd) | 294.4 |
| NOMINAL POWER(W) | | AVAILABILITY(%) | 83.3 |
| RATED VOLTAGE(V) | | Avai. FLUX(lm) | 95.86 |
| NOMINAL FLUX(lm) | 115.076 | LOR(%) | 100.0 |
| LAMPS INSIDE | 1 | TOTAL FLUX(lm) | 115.1 |
| TEST VOLTAGE(V) | 0 | q @50%(H,V) | 30,32DEG |

| 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 |
| 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 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.31 | 0.00 | | |
| 70 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.33 | 0.00 | |
| 60 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.03 | 0.05 | 0.07 | 0.09 | 0.09 | 0.08 | 0.05 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.60 | 0.00 | |
| 50 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.06 | 0.12 | 0.21 | 0.28 | 0.29 | 0.23 | 0.14 | 0.07 | 0.03 | 0.02 | 0.01 | 0.01 | 0.00 | 1.52 | 0.00 | |
| 40 | 0.00 | 0.01 | 0.01 | 0.02 | 0.04 | 0.12 | 0.28 | 0.53 | 0.75 | 0.79 | 0.59 | 0.33 | 0.15 | 0.05 | 0.02 | 0.01 | 0.01 | 0.00 | 3.72 | 1.00 | |
| 30 | 0.00 | 0.01 | 0.01 | 0.02 | 0.08 | 0.22 | 0.55 | 1.20 | 1.94 | 2.06 | 1.42 | 0.69 | 0.27 | 0.09 | 0.03 | 0.01 | 0.01 | 0.00 | 8.61 | 6.78 | |
| 20 | 0.00 | 0.01 | 0.01 | 0.03 | 0.11 | 0.33 | 0.96 | 2.46 | 4.41 | 4.70 | 2.93 | 1.21 | 0.41 | 0.13 | 0.04 | 0.01 | 0.01 | 0.00 | 17.7 | 16.3 | |
| 10 | 0.00 | 0.01 | 0.01 | 0.04 | 0.13 | 0.40 | 1.33 | 3.81 | 7.22 | 7.62 | 4.43 | 1.65 | 0.50 | 0.15 | 0.04 | 0.01 | 0.01 | 0.00 | 27.4 | 26.1 | |
| 0 | 0.00 | 0.01 | 0.01 | 0.04 | 0.12 | 0.39 | 1.32 | 3.87 | 7.31 | 7.60 | 4.37 | 1.60 | 0.48 | 0.14 | 0.04 | 0.01 | 0.01 | 0.00 | 27.3 | 26.0 | |
| -10 | 0.00 | 0.01 | 0.01 | 0.03 | 0.10 | 0.30 | 0.92 | 2.42 | 4.30 | 4.39 | 2.60 | 1.04 | 0.35 | 0.11 | 0.03 | 0.01 | 0.01 | 0.00 | 16.6 | 15.2 | |
| -20 | 0.00 | 0.01 | 0.01 | 0.02 | 0.07 | 0.18 | 0.46 | 0.97 | 1.50 | 1.53 | 1.04 | 0.51 | 0.21 | 0.07 | 0.03 | 0.01 | 0.01 | 0.00 | 6.63 | 4.51 | |
| -30 | 0.00 | 0.00 | 0.01 | 0.02 | 0.04 | 0.10 | 0.20 | 0.34 | 0.44 | 0.44 | 0.35 | 0.21 | 0.10 | 0.04 | 0.02 | 0.01 | 0.01 | 0.00 | 2.34 | 0.00 | |
| -40 | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 0.04 | 0.08 | 0.12 | 0.15 | 0.15 | 0.12 | 0.08 | 0.05 | 0.03 | 0.02 | 0.01 | 0.00 | 0.00 | 0.92 | 0.00 | |
| -50 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.03 | 0.02 | 0.02 | 0.01 | 0.00 | 0.00 | 0.42 | 0.00 | |
| -60 | 0.00 | 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 | 0.00 | 0.29 | 0.00 |
| -70 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.22 | 0.00 |
| -80 | 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 | 0.01 | 0.00 | 0.00 | 0.09 | 0.00 |
| -90 | 0.00 | 0.00 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | HORIZONTAL(DEG) | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | | |
| F t | 0.03 | 0.08 | 0.17 | 0.33 | 0.84 | 2.29 | 6.40 | 16.2 | 28.6 | 29.8 | 18.3 | 7.67 | 2.74 | 0.96 | 0.37 | 0.18 | 0.09 | 0.03 | 115 | --- | |
| F a | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 3.88 | 14.3 | 27.0 | 28.4 | 16.6 | 5.51 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 96 | |

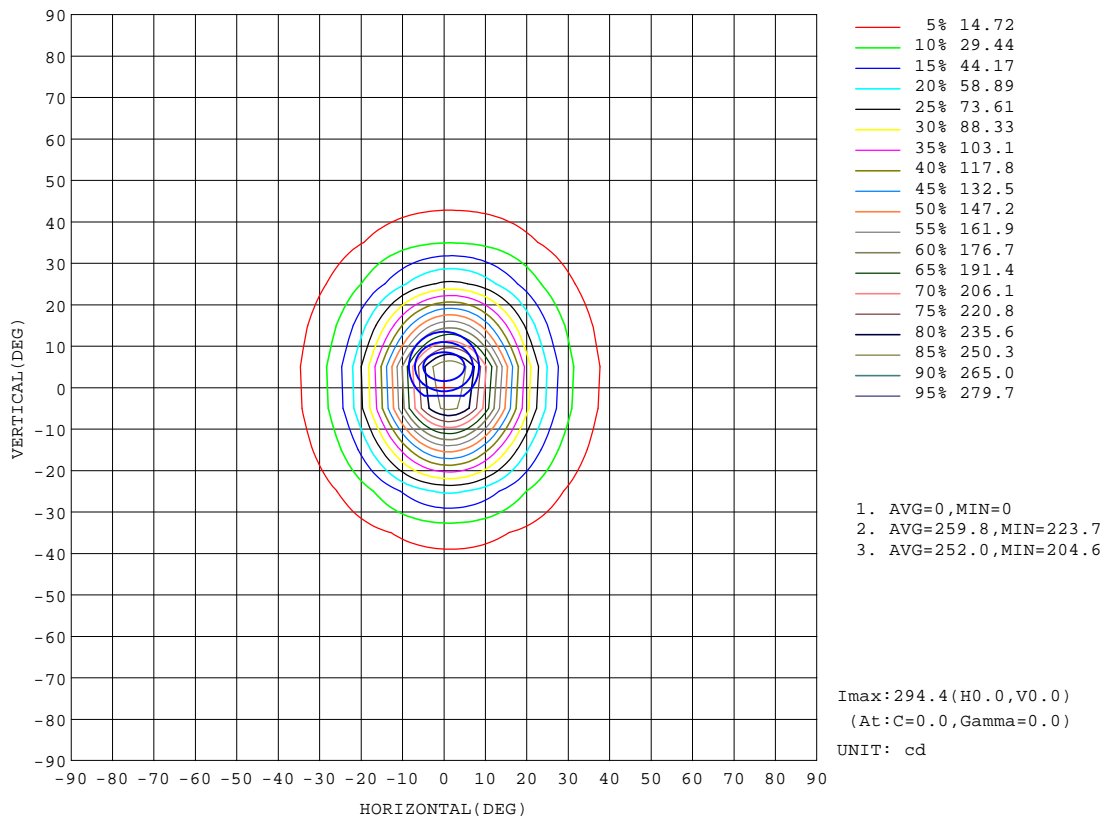
one-half-peak spread: U:15.4,D:16.8 , L:14.9,R:15.6 NEMA Beam Type: Type 4

H(h) Range:-90 - 90DEG
H(h) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-07-12

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:220.18V I:0.0244A P:2.5827W PF:0.4802 Freq:50.00Hz Lamp Flux:115.076x1 lm | | |
| NAME: 6684 | TYPE: | WEIGHT: |
| SPEC.:2W | DIM.: | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:30° |

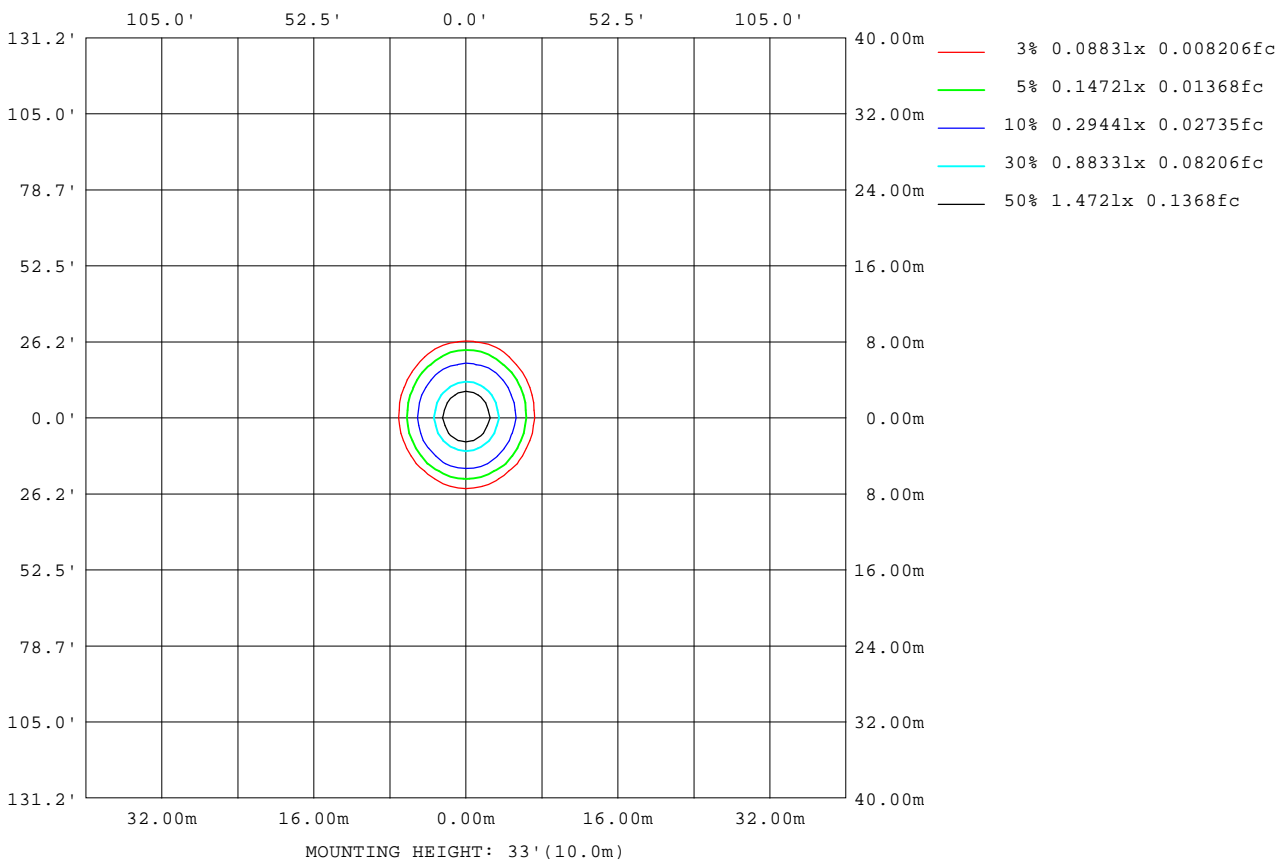


H(h) Range:-90 - 90DEG
 H(h) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-07-12

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

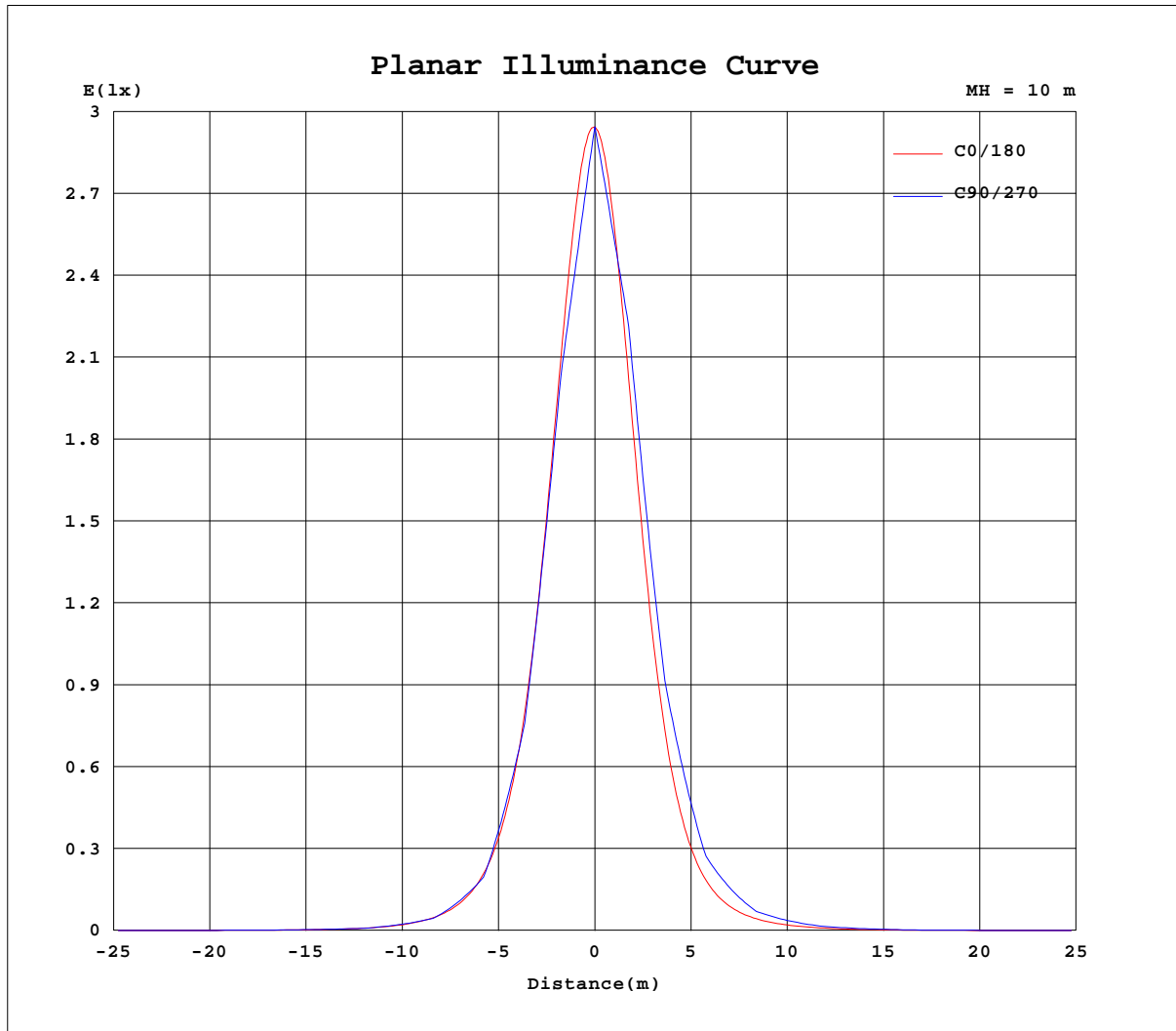
| | | |
|--|-------|---------------------|
| Test:U:220.18V I:0.0244A P:2.5827W PF:0.4802 Freq:50.00Hz Lamp Flux:115.076x1 lm | | |
| NAME: 6684 | TYPE: | WEIGHT: |
| SPEC.:2W | DIM.: | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:30° |



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-07-12

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



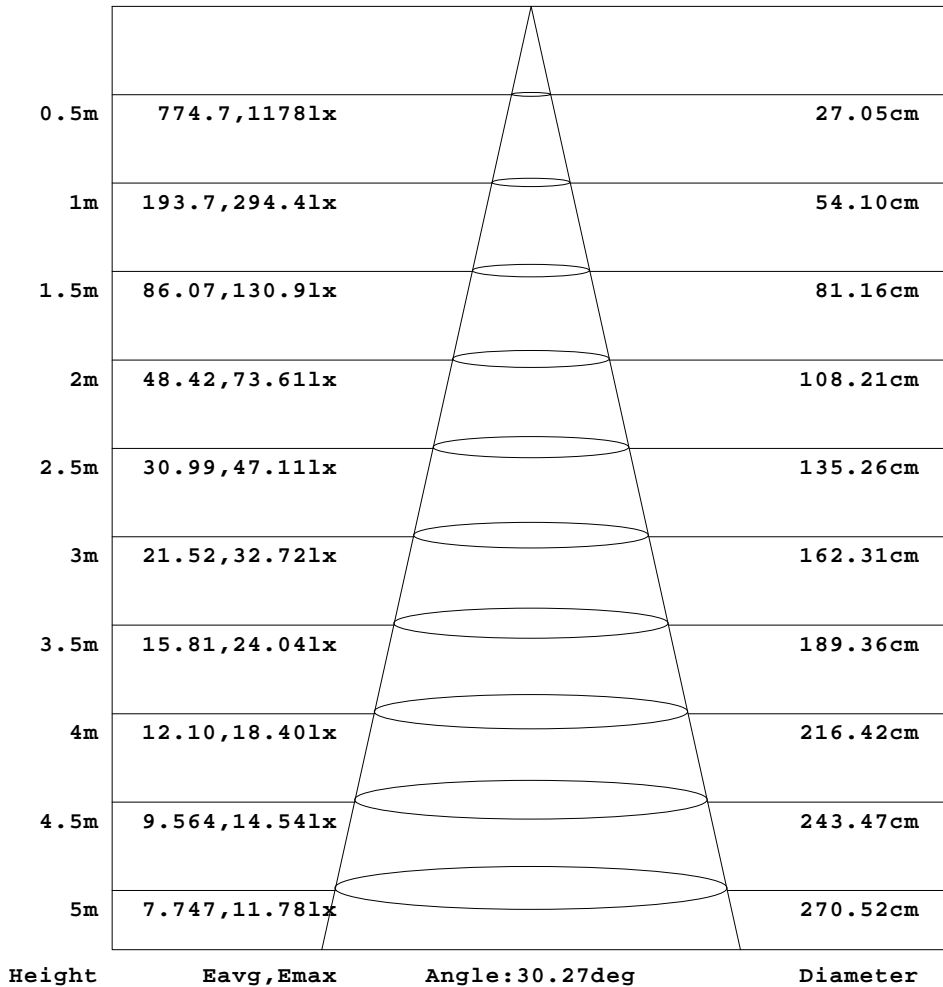
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-07-12

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:220.18V I:0.0244A P:2.5827W PF:0.4802 Freq:50.00Hz Lamp Flux:115.076x1 lm | | |
| NAME: 6684 | TYPE: | WEIGHT: |
| SPEC.:2W | DIM.: | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:30° |

Flux out:46.79 lm



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

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-07-12

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:220.18V I:0.0244A P:2.5827W PF:0.4802 Freq:50.00Hz Lamp Flux:115.076x1 lm | | |
| NAME: 6684 | TYPE: | WEIGHT: |
| SPEC.:2W | DIM.: | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:30° |

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 | 0.49 | 0.49 | 0.49 | 0.50 | 0.50 | 0.50 | 0.51 | 0.52 | 0.52 | 0.54 | 0.54 | 0.56 | 0.56 | 0.56 | 0.57 | 0.58 | 0.58 | 0.59 | 0.59 |
| -75 | 0.49 | 0.50 | 0.50 | 0.51 | 0.51 | 0.52 | 0.54 | 0.55 | 0.56 | 0.57 | 0.59 | 0.61 | 0.64 | 0.66 | 0.69 | 0.71 | 0.73 | 0.74 | 0.75 |
| -70 | 0.50 | 0.51 | 0.51 | 0.53 | 0.54 | 0.55 | 0.57 | 0.59 | 0.60 | 0.61 | 0.64 | 0.68 | 0.72 | 0.77 | 0.81 | 0.85 | 0.89 | 0.89 | 0.91 |
| -65 | 0.51 | 0.51 | 0.52 | 0.54 | 0.55 | 0.57 | 0.59 | 0.61 | 0.67 | 0.72 | 0.77 | 0.83 | 0.88 | 0.94 | 0.99 | 1.04 | 1.08 | 1.11 | 1.13 |
| -60 | 0.52 | 0.52 | 0.54 | 0.56 | 0.58 | 0.59 | 0.62 | 0.66 | 0.76 | 0.84 | 0.93 | 1.01 | 1.07 | 1.14 | 1.19 | 1.24 | 1.29 | 1.32 | 1.35 |
| -55 | 0.53 | 0.53 | 0.54 | 0.56 | 0.58 | 0.60 | 0.65 | 0.73 | 0.84 | 0.94 | 1.03 | 1.14 | 1.27 | 1.48 | 1.71 | 1.94 | 2.14 | 2.28 | 2.35 |
| -50 | 0.52 | 0.53 | 0.54 | 0.57 | 0.60 | 0.61 | 0.72 | 0.85 | 0.96 | 1.06 | 1.17 | 1.31 | 1.55 | 1.92 | 2.32 | 2.72 | 3.06 | 3.28 | 3.36 |
| -45 | 0.54 | 0.53 | 0.55 | 0.58 | 0.61 | 0.65 | 0.77 | 0.90 | 1.02 | 1.17 | 1.44 | 1.86 | 2.44 | 3.20 | 4.07 | 4.97 | 5.77 | 6.39 | 6.68 |
| -40 | 0.54 | 0.54 | 0.56 | 0.60 | 0.62 | 0.73 | 0.87 | 1.00 | 1.14 | 1.36 | 1.85 | 2.61 | 3.61 | 4.81 | 6.18 | 7.56 | 8.78 | 9.66 | 10.0 |
| -35 | 0.54 | 0.54 | 0.57 | 0.61 | 0.64 | 0.75 | 0.91 | 1.06 | 1.27 | 1.72 | 2.51 | 3.70 | 5.32 | 7.48 | 10.2 | 13.3 | 16.4 | 18.9 | 20.1 |
| -30 | 0.54 | 0.56 | 0.58 | 0.63 | 0.66 | 0.86 | 1.01 | 1.19 | 1.52 | 2.33 | 3.59 | 5.35 | 7.80 | 11.1 | 15.4 | 20.4 | 25.2 | 28.8 | 30.3 |
| -25 | 0.56 | 0.56 | 0.59 | 0.64 | 0.69 | 0.88 | 1.06 | 1.27 | 1.76 | 2.79 | 4.38 | 6.77 | 10.4 | 15.8 | 23.5 | 33.8 | 45.4 | 55.5 | 60.7 |
| -20 | 0.57 | 0.58 | 0.62 | 0.67 | 0.77 | 0.99 | 1.18 | 1.47 | 2.30 | 3.79 | 5.97 | 9.37 | 14.8 | 23.1 | 35.5 | 51.8 | 70.1 | 85.3 | 91.6 |
| -15 | 0.57 | 0.57 | 0.61 | 0.66 | 0.75 | 0.98 | 1.18 | 1.52 | 2.45 | 4.09 | 6.59 | 10.6 | 17.4 | 28.9 | 47.4 | 74.3 | 107 | 136 | 152 |
| -10 | 0.56 | 0.58 | 0.63 | 0.68 | 0.82 | 1.05 | 1.29 | 1.80 | 3.15 | 5.23 | 8.50 | 14.0 | 23.8 | 40.8 | 68.9 | 109 | 157 | 197 | 213 |
| -5 | 0.58 | 0.58 | 0.63 | 0.68 | 0.79 | 1.04 | 1.27 | 1.73 | 2.98 | 5.03 | 8.24 | 13.7 | 23.4 | 41.0 | 70.9 | 116 | 173 | 225 | 252 |
| 0 | 0.58 | 0.60 | 0.66 | 0.71 | 0.87 | 1.12 | 1.36 | 2.00 | 3.52 | 5.86 | 9.69 | 16.3 | 28.5 | 50.8 | 88.6 | 144 | 212 | 269 | 294 |
| 5 | 0.59 | 0.59 | 0.64 | 0.69 | 0.80 | 1.06 | 1.28 | 1.75 | 3.06 | 5.20 | 8.54 | 14.2 | 24.3 | 42.5 | 73.3 | 120 | 178 | 232 | 262 |
| 10 | 0.58 | 0.60 | 0.64 | 0.69 | 0.84 | 1.08 | 1.32 | 1.88 | 3.36 | 5.62 | 9.19 | 15.2 | 25.8 | 44.2 | 74.2 | 117 | 168 | 212 | 232 |
| 15 | 0.59 | 0.60 | 0.63 | 0.69 | 0.76 | 1.02 | 1.23 | 1.59 | 2.64 | 4.55 | 7.39 | 12.0 | 19.6 | 32.5 | 53.2 | 82.7 | 118 | 152 | 170 |
| 20 | 0.60 | 0.61 | 0.65 | 0.70 | 0.79 | 1.03 | 1.24 | 1.58 | 2.56 | 4.42 | 7.07 | 11.1 | 17.6 | 27.6 | 42.6 | 62.1 | 83.7 | 102 | 110 |
| 25 | 0.58 | 0.59 | 0.63 | 0.67 | 0.72 | 0.93 | 1.12 | 1.34 | 1.92 | 3.27 | 5.34 | 8.33 | 12.8 | 19.5 | 29.4 | 42.1 | 56.2 | 68.8 | 75.8 |
| 30 | 0.57 | 0.59 | 0.62 | 0.66 | 0.70 | 0.90 | 1.08 | 1.26 | 1.70 | 2.88 | 4.64 | 7.03 | 10.4 | 14.9 | 20.8 | 27.6 | 34.4 | 39.6 | 42.0 |
| 35 | 0.57 | 0.58 | 0.60 | 0.64 | 0.67 | 0.78 | 0.98 | 1.14 | 1.39 | 1.99 | 3.16 | 4.89 | 7.24 | 10.3 | 14.2 | 18.7 | 23.1 | 26.8 | 28.7 |
| 40 | 0.58 | 0.58 | 0.60 | 0.62 | 0.66 | 0.72 | 0.95 | 1.11 | 1.26 | 1.55 | 2.28 | 3.62 | 5.23 | 7.08 | 9.25 | 11.5 | 13.6 | 15.1 | 15.7 |
| 45 | 0.58 | 0.59 | 0.59 | 0.62 | 0.65 | 0.68 | 0.82 | 0.98 | 1.12 | 1.29 | 1.68 | 2.37 | 3.34 | 4.54 | 6.03 | 7.64 | 9.06 | 10.1 | 10.6 |
| 50 | 0.59 | 0.59 | 0.60 | 0.62 | 0.64 | 0.66 | 0.74 | 0.92 | 1.04 | 1.15 | 1.29 | 1.49 | 1.90 | 2.55 | 3.45 | 4.36 | 5.02 | 5.47 | 5.62 |
| 55 | 0.59 | 0.60 | 0.60 | 0.62 | 0.64 | 0.65 | 0.69 | 0.79 | 0.88 | 1.03 | 1.14 | 1.26 | 1.47 | 1.80 | 2.27 | 2.76 | 3.14 | 3.41 | 3.52 |
| 60 | 0.60 | 0.60 | 0.61 | 0.62 | 0.64 | 0.66 | 0.67 | 0.70 | 0.78 | 0.95 | 1.02 | 1.10 | 1.15 | 1.23 | 1.29 | 1.35 | 1.39 | 1.42 | 1.43 |
| 65 | 0.61 | 0.62 | 0.61 | 0.62 | 0.63 | 0.64 | 0.66 | 0.68 | 0.71 | 0.81 | 0.87 | 0.90 | 0.95 | 0.99 | 1.05 | 1.11 | 1.15 | 1.18 | 1.21 |
| 70 | 0.62 | 0.62 | 0.63 | 0.63 | 0.63 | 0.64 | 0.65 | 0.66 | 0.67 | 0.70 | 0.73 | 0.72 | 0.75 | 0.78 | 0.85 | 0.89 | 0.94 | 0.96 | 0.99 |
| 75 | 0.61 | 0.63 | 0.62 | 0.63 | 0.63 | 0.64 | 0.64 | 0.65 | 0.67 | 0.67 | 0.69 | 0.70 | 0.71 | 0.72 | 0.75 | 0.78 | 0.79 | 0.81 | 0.83 |
| 80 | 0.63 | 0.64 | 0.64 | 0.64 | 0.63 | 0.64 | 0.65 | 0.65 | 0.66 | 0.65 | 0.65 | 0.67 | 0.67 | 0.67 | 0.66 | 0.66 | 0.67 | 0.67 | 0.69 |
| 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:2024-07-12

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:220.18V I:0.0244A P:2.5827W PF:0.4802 Freq:50.00Hz Lamp Flux:115.076x1 lm | | |
| NAME: 6684 | TYPE: | WEIGHT: |
| SPEC.:2W | DIM.: | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:30° |

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 | 0.60 | 0.59 | 0.59 | 0.59 | 0.58 | 0.57 | 0.58 | 0.56 | 0.56 | 0.56 | 0.55 | 0.54 | 0.53 | 0.52 | 0.52 | 0.52 | 0.49 | 0.49 |
| -75 | 0.75 | 0.75 | 0.74 | 0.73 | 0.71 | 0.69 | 0.67 | 0.64 | 0.61 | 0.60 | 0.58 | 0.57 | 0.56 | 0.55 | 0.54 | 0.53 | 0.51 | 0.49 |
| -70 | 0.91 | 0.90 | 0.89 | 0.87 | 0.83 | 0.80 | 0.75 | 0.71 | 0.66 | 0.63 | 0.61 | 0.60 | 0.58 | 0.57 | 0.55 | 0.54 | 0.51 | 0.50 |
| -65 | 1.12 | 1.12 | 1.09 | 1.06 | 1.01 | 0.97 | 0.91 | 0.86 | 0.80 | 0.76 | 0.70 | 0.64 | 0.60 | 0.58 | 0.56 | 0.55 | 0.52 | 0.50 |
| -60 | 1.33 | 1.32 | 1.27 | 1.23 | 1.18 | 1.12 | 1.05 | 0.99 | 0.93 | 0.86 | 0.77 | 0.66 | 0.61 | 0.59 | 0.58 | 0.55 | 0.51 | 0.50 |
| -55 | 2.32 | 2.23 | 2.06 | 1.87 | 1.66 | 1.46 | 1.27 | 1.13 | 1.04 | 0.96 | 0.87 | 0.77 | 0.68 | 0.60 | 0.58 | 0.56 | 0.54 | 0.51 |
| -50 | 3.29 | 3.08 | 2.78 | 2.42 | 2.06 | 1.71 | 1.43 | 1.25 | 1.11 | 1.02 | 0.93 | 0.83 | 0.72 | 0.60 | 0.59 | 0.56 | 0.52 | 0.51 |
| -45 | 6.60 | 6.18 | 5.46 | 4.60 | 3.72 | 2.89 | 2.20 | 1.71 | 1.36 | 1.14 | 1.01 | 0.91 | 0.79 | 0.66 | 0.59 | 0.57 | 0.55 | 0.51 |
| -40 | 9.81 | 9.03 | 7.82 | 6.42 | 5.03 | 3.77 | 2.73 | 2.02 | 1.51 | 1.21 | 1.05 | 0.94 | 0.81 | 0.67 | 0.59 | 0.57 | 0.54 | 0.50 |
| -35 | 19.7 | 17.9 | 15.1 | 12.0 | 9.02 | 6.51 | 4.53 | 3.09 | 2.10 | 1.52 | 1.19 | 1.02 | 0.90 | 0.76 | 0.63 | 0.59 | 0.57 | 0.52 |
| -30 | 29.1 | 25.9 | 21.2 | 16.3 | 11.9 | 8.36 | 5.65 | 3.70 | 2.42 | 1.66 | 1.25 | 1.06 | 0.93 | 0.79 | 0.64 | 0.60 | 0.57 | 0.52 |
| -25 | 59.1 | 51.4 | 40.4 | 29.3 | 20.2 | 13.4 | 8.68 | 5.50 | 3.43 | 2.19 | 1.50 | 1.16 | 0.99 | 0.85 | 0.69 | 0.61 | 0.59 | 0.53 |
| -20 | 86.8 | 72.8 | 54.9 | 38.2 | 25.3 | 16.2 | 10.2 | 6.31 | 3.84 | 2.36 | 1.56 | 1.18 | 1.00 | 0.86 | 0.68 | 0.62 | 0.59 | 0.54 |
| -15 | 146 | 122 | 90.1 | 60.4 | 38.1 | 23.3 | 14.1 | 8.45 | 5.03 | 2.99 | 1.88 | 1.31 | 1.08 | 0.92 | 0.75 | 0.64 | 0.61 | 0.55 |
| -10 | 197 | 159 | 113 | 72.3 | 43.8 | 25.8 | 15.2 | 8.93 | 5.24 | 3.05 | 1.90 | 1.32 | 1.09 | 0.93 | 0.74 | 0.66 | 0.62 | 0.57 |
| -5 | 242 | 200 | 144 | 92.9 | 55.8 | 32.4 | 18.7 | 10.9 | 6.32 | 3.66 | 2.18 | 1.42 | 1.13 | 0.97 | 0.78 | 0.66 | 0.63 | 0.57 |
| 0 | 274 | 219 | 154 | 96.1 | 56.4 | 32.2 | 18.4 | 10.6 | 6.11 | 3.51 | 2.07 | 1.36 | 1.10 | 0.94 | 0.76 | 0.66 | 0.62 | 0.58 |
| 5 | 252 | 209 | 151 | 97.3 | 58.5 | 34.1 | 19.7 | 11.4 | 6.60 | 3.81 | 2.23 | 1.44 | 1.15 | 0.98 | 0.80 | 0.68 | 0.64 | 0.58 |
| 10 | 217 | 176 | 125 | 80.5 | 48.7 | 28.8 | 16.8 | 9.85 | 5.75 | 3.30 | 1.97 | 1.34 | 1.11 | 0.95 | 0.76 | 0.68 | 0.64 | 0.59 |
| 15 | 165 | 139 | 104 | 70.1 | 44.2 | 27.0 | 16.2 | 9.65 | 5.69 | 3.31 | 1.99 | 1.34 | 1.10 | 0.95 | 0.77 | 0.66 | 0.63 | 0.57 |
| 20 | 106 | 89.5 | 68.3 | 47.9 | 31.6 | 20.0 | 12.3 | 7.53 | 4.50 | 2.63 | 1.64 | 1.20 | 1.03 | 0.88 | 0.70 | 0.63 | 0.61 | 0.56 |
| 25 | 74.5 | 65.3 | 51.9 | 37.9 | 26.0 | 17.0 | 10.8 | 6.72 | 4.09 | 2.47 | 1.58 | 1.19 | 1.02 | 0.89 | 0.72 | 0.64 | 0.62 | 0.56 |
| 30 | 40.7 | 36.2 | 29.7 | 22.7 | 16.3 | 11.2 | 7.34 | 4.67 | 2.90 | 1.84 | 1.30 | 1.09 | 0.96 | 0.83 | 0.67 | 0.63 | 0.61 | 0.57 |
| 35 | 28.3 | 25.8 | 21.8 | 17.2 | 12.7 | 8.91 | 6.03 | 3.91 | 2.49 | 1.65 | 1.23 | 1.05 | 0.93 | 0.81 | 0.66 | 0.63 | 0.61 | 0.56 |
| 40 | 15.3 | 14.1 | 12.1 | 9.76 | 7.42 | 5.38 | 3.76 | 2.47 | 1.66 | 1.25 | 1.07 | 0.95 | 0.86 | 0.72 | 0.63 | 0.62 | 0.58 | 0.55 |
| 45 | 10.5 | 9.76 | 8.54 | 6.99 | 5.36 | 3.95 | 2.84 | 2.01 | 1.48 | 1.19 | 1.04 | 0.93 | 0.84 | 0.71 | 0.64 | 0.62 | 0.60 | 0.56 |
| 50 | 5.47 | 5.06 | 4.40 | 3.55 | 2.69 | 2.03 | 1.56 | 1.29 | 1.14 | 1.05 | 0.96 | 0.87 | 0.77 | 0.66 | 0.64 | 0.62 | 0.58 | 0.56 |
| 55 | 3.48 | 3.28 | 2.95 | 2.51 | 2.04 | 1.66 | 1.37 | 1.19 | 1.08 | 1.00 | 0.91 | 0.82 | 0.74 | 0.66 | 0.65 | 0.62 | 0.61 | 0.57 |
| 60 | 1.42 | 1.39 | 1.33 | 1.27 | 1.21 | 1.15 | 1.10 | 1.05 | 0.98 | 0.90 | 0.83 | 0.73 | 0.68 | 0.66 | 0.64 | 0.62 | 0.59 | 0.58 |
| 65 | 1.21 | 1.19 | 1.16 | 1.12 | 1.08 | 1.03 | 0.99 | 0.93 | 0.88 | 0.83 | 0.77 | 0.72 | 0.68 | 0.66 | 0.66 | 0.64 | 0.62 | 0.59 |
| 70 | 0.99 | 0.98 | 0.97 | 0.95 | 0.93 | 0.90 | 0.85 | 0.81 | 0.76 | 0.72 | 0.71 | 0.70 | 0.68 | 0.67 | 0.66 | 0.65 | 0.62 | 0.61 |
| 75 | 0.83 | 0.84 | 0.84 | 0.83 | 0.82 | 0.80 | 0.78 | 0.76 | 0.73 | 0.70 | 0.69 | 0.69 | 0.68 | 0.67 | 0.66 | 0.66 | 0.64 | 0.62 |
| 80 | 0.68 | 0.68 | 0.70 | 0.71 | 0.71 | 0.70 | 0.69 | 0.70 | 0.70 | 0.68 | 0.67 | 0.68 | 0.68 | 0.66 | 0.66 | 0.66 | 0.64 | 0.62 |
| 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:2024-07-12

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: