

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

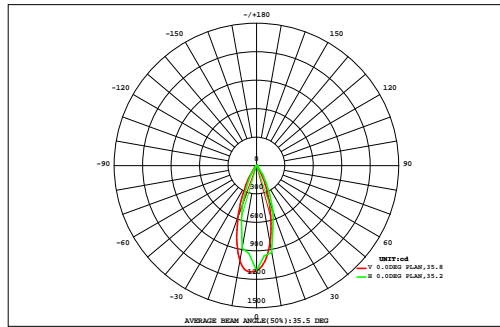
| | | |
|---|----------------|--|
| Maximum Intensity (Luminaire orientation as tested.) | | 2211.2 cd per klm. 0.0 degrees vertical 4.0 degrees horizontal |
| Beam Spread | At 10% of Imax | 67.2V x 63.6H |
| | At 50% of Imax | 35.2V x 35.8H |
| | At 90% of Imax | 7.1V x 15.2H |
| Beam Flux | Total | 999.0 lumens per klm. |
| | To 10% of Imax | 874.4 lumens per klm. |
| | To 50% of Imax | 481.9 lumens per klm. |
| | To 90% of Imax | 73.1 lumens per klm. |
| | Upward LOR | 0.0 % |
| | Downward LOR | 99.9 % |
| Luminaire Efficiency(Light Output Ratio) | | 100.0 % |

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2024-10-10

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:220.24V I:0.0855A P:8.5707W PF:0.4552 Freq:50.00Hz Lamp Flux:507.906x1 lm | | |
| NAME: 6809 | TYPE: | WEIGHT:276g |
| SPEC.:8W | DIM.: 7.6*7.6*5.2cm | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:38° |



| DATA OF LAMP | | Eff:59.26lm/W | |
|------------------|---------|-----------------|----------|
| MODEL | | Imax(cd) | 1123 |
| NOMINAL POWER(W) | | AVAILABILITY(%) | 88.3 |
| RATED VOLTAGE(V) | | Avai. FLUX(lm) | 448.6 |
| NOMINAL FLUX(lm) | 507.906 | LOR(%) | 100.0 |
| LAMPS INSIDE | 1 | TOTAL FLUX(lm) | 507.9 |
| TEST VOLTAGE(V) | 0 | q @50%(H,V) | 36,35DEG |

| 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 | 0.02 | 0.03 | 0.04 | 0.05 | 0.07 | 0.08 | 0.09 | 0.09 | 0.10 | 0.09 | 0.08 | 0.06 | 0.05 | 0.03 | 0.02 | 0.00 | 0.90 | 0.00 |
| 70 | 0.00 | 0.01 | 0.02 | 0.03 | 0.06 | 0.08 | 0.11 | 0.14 | 0.15 | 0.16 | 0.16 | 0.14 | 0.12 | 0.09 | 0.06 | 0.03 | 0.02 | 0.00 | 1.39 | 0.00 |
| 60 | 0.00 | 0.01 | 0.02 | 0.05 | 0.09 | 0.13 | 0.17 | 0.20 | 0.22 | 0.23 | 0.22 | 0.20 | 0.16 | 0.12 | 0.08 | 0.05 | 0.02 | 0.00 | 1.98 | 0.00 |
| 50 | 0.00 | 0.01 | 0.03 | 0.07 | 0.11 | 0.16 | 0.20 | 0.26 | 0.42 | 0.51 | 0.47 | 0.33 | 0.20 | 0.15 | 0.10 | 0.05 | 0.02 | 0.00 | 3.09 | 0.00 |
| 40 | 0.00 | 0.01 | 0.04 | 0.09 | 0.14 | 0.19 | 0.34 | 0.79 | 1.62 | 2.27 | 1.91 | 0.99 | 0.43 | 0.18 | 0.11 | 0.06 | 0.03 | 0.00 | 9.22 | 1.60 |
| 30 | 0.00 | 0.02 | 0.05 | 0.11 | 0.17 | 0.28 | 1.05 | 3.09 | 6.34 | 8.24 | 6.69 | 3.54 | 1.20 | 0.31 | 0.13 | 0.08 | 0.03 | 0.01 | 31.3 | 24.9 |
| 20 | 0.00 | 0.02 | 0.06 | 0.12 | 0.19 | 0.61 | 2.53 | 8.30 | 15.9 | 19.6 | 15.7 | 8.06 | 2.51 | 0.54 | 0.15 | 0.09 | 0.04 | 0.01 | 74.4 | 70.0 |
| 10 | 0.00 | 0.02 | 0.07 | 0.14 | 0.23 | 0.99 | 4.41 | 13.3 | 25.4 | 30.7 | 24.0 | 11.8 | 3.64 | 0.72 | 0.17 | 0.09 | 0.04 | 0.01 | 116 | 112 |
| 0 | 0.00 | 0.02 | 0.07 | 0.14 | 0.25 | 1.08 | 4.90 | 14.6 | 27.3 | 32.2 | 24.9 | 12.0 | 3.66 | 0.72 | 0.17 | 0.09 | 0.04 | 0.01 | 122 | 118 |
| -10 | 0.00 | 0.02 | 0.06 | 0.13 | 0.23 | 0.90 | 3.78 | 10.8 | 19.4 | 22.5 | 16.8 | 8.41 | 2.50 | 0.52 | 0.15 | 0.09 | 0.04 | 0.01 | 86.4 | 82.6 |
| -20 | 0.00 | 0.02 | 0.06 | 0.11 | 0.18 | 0.54 | 1.86 | 5.21 | 8.98 | 10.3 | 7.76 | 3.82 | 1.16 | 0.29 | 0.13 | 0.08 | 0.03 | 0.01 | 40.5 | 35.8 |
| -30 | 0.00 | 0.02 | 0.05 | 0.09 | 0.15 | 0.24 | 0.67 | 1.35 | 2.61 | 3.09 | 2.20 | 1.07 | 0.43 | 0.16 | 0.12 | 0.07 | 0.03 | 0.00 | 12.4 | 3.26 |
| -40 | 0.00 | 0.01 | 0.04 | 0.08 | 0.12 | 0.18 | 0.19 | 0.39 | 0.51 | 0.51 | 0.46 | 0.35 | 0.18 | 0.15 | 0.11 | 0.06 | 0.02 | 0.00 | 3.35 | 0.00 |
| -50 | 0.00 | 0.01 | 0.03 | 0.06 | 0.10 | 0.15 | 0.20 | 0.21 | 0.18 | 0.18 | 0.18 | 0.17 | 0.18 | 0.14 | 0.09 | 0.05 | 0.02 | 0.00 | 1.94 | 0.00 |
| -60 | 0.00 | 0.01 | 0.02 | 0.04 | 0.07 | 0.11 | 0.14 | 0.18 | 0.20 | 0.21 | 0.20 | 0.18 | 0.15 | 0.11 | 0.07 | 0.04 | 0.02 | 0.00 | 1.76 | 0.00 |
| -70 | 0.00 | 0.01 | 0.01 | 0.02 | 0.04 | 0.07 | 0.09 | 0.13 | 0.10 | 0.12 | 0.10 | 0.09 | 0.08 | 0.06 | 0.04 | 0.02 | 0.01 | 0.00 | 0.98 | 0.00 |
| -80 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.03 | 0.05 | 0.03 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 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 | 0.00 |
| F t | 0.05 | 0.23 | 0.65 | 1.31 | 2.18 | 5.78 | 20.8 | 59.2 | 109 | 131 | 102 | 51.3 | 16.7 | 4.34 | 1.74 | 0.98 | 0.41 | 0.08 | 508 | --- |
| F a | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 13.4 | 53.0 | 104 | 126 | 96.1 | 46.1 | 9.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 449 |

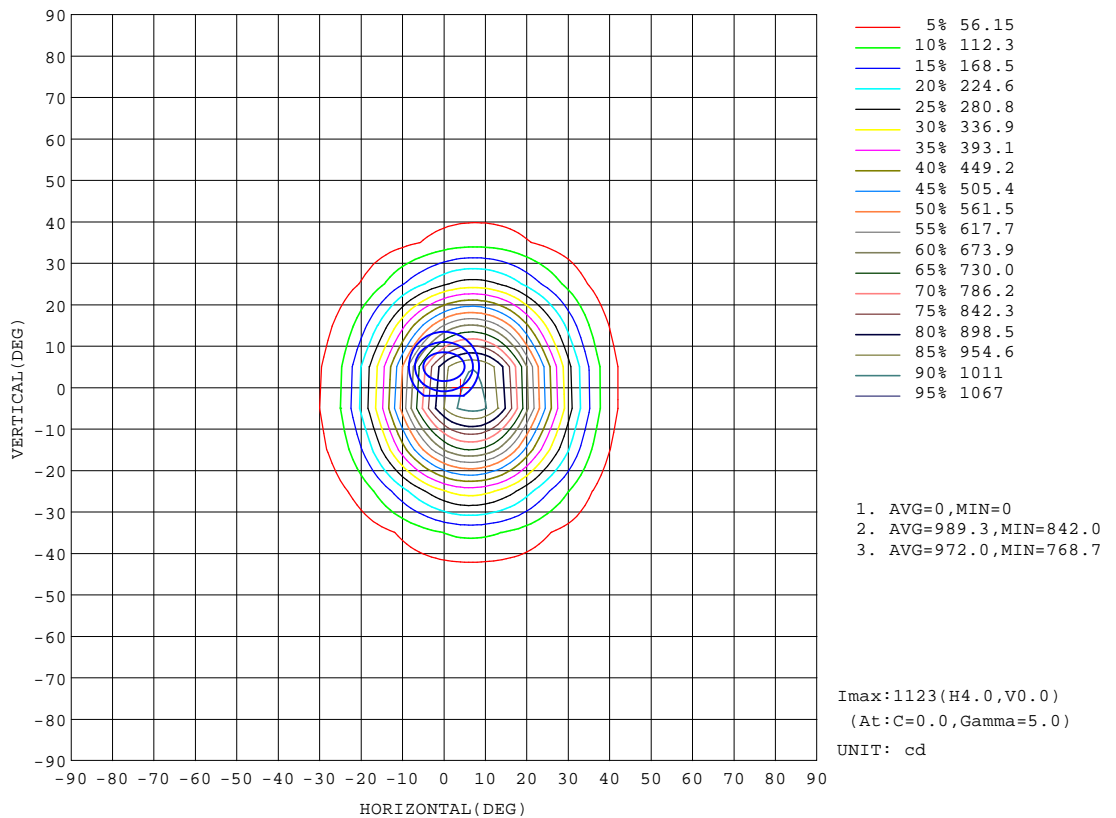
one-half-peak spread: U:18.8,D:16.8 , L:19.7,R:16.3 NEMA Beam Type: Type 4

H(h) Range:-90 - 90DEG
H(h) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2024-10-10

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:220.24V I:0.0855A P:8.5707W PF:0.4552 Freq:50.00Hz Lamp Flux:507.906x1 lm | | |
| NAME: 6809 | TYPE: | WEIGHT:276g |
| SPEC.:8W | DIM.: 7.6*7.6*5.2cm | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:38° |

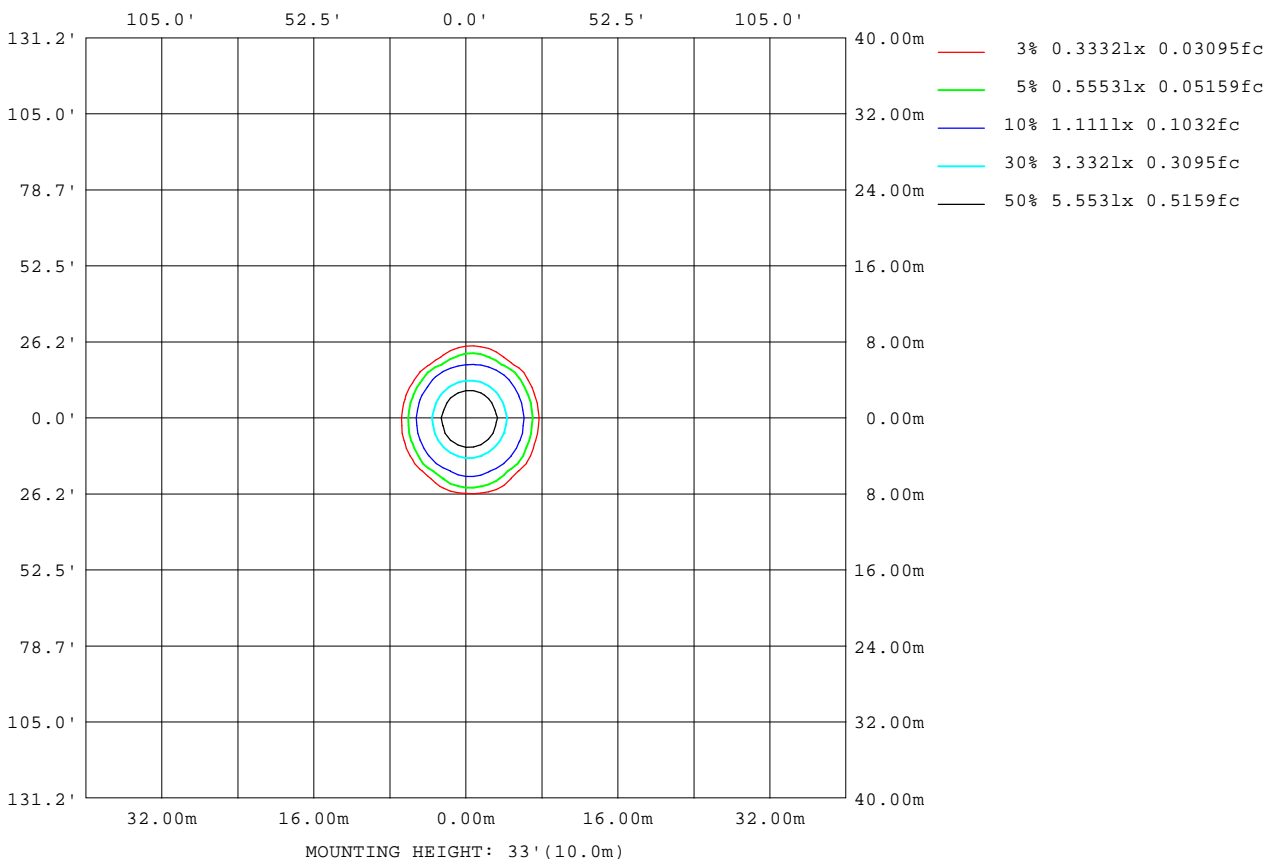


H(h) Range:-90 - 90DEG
H(h) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2024-10-10

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

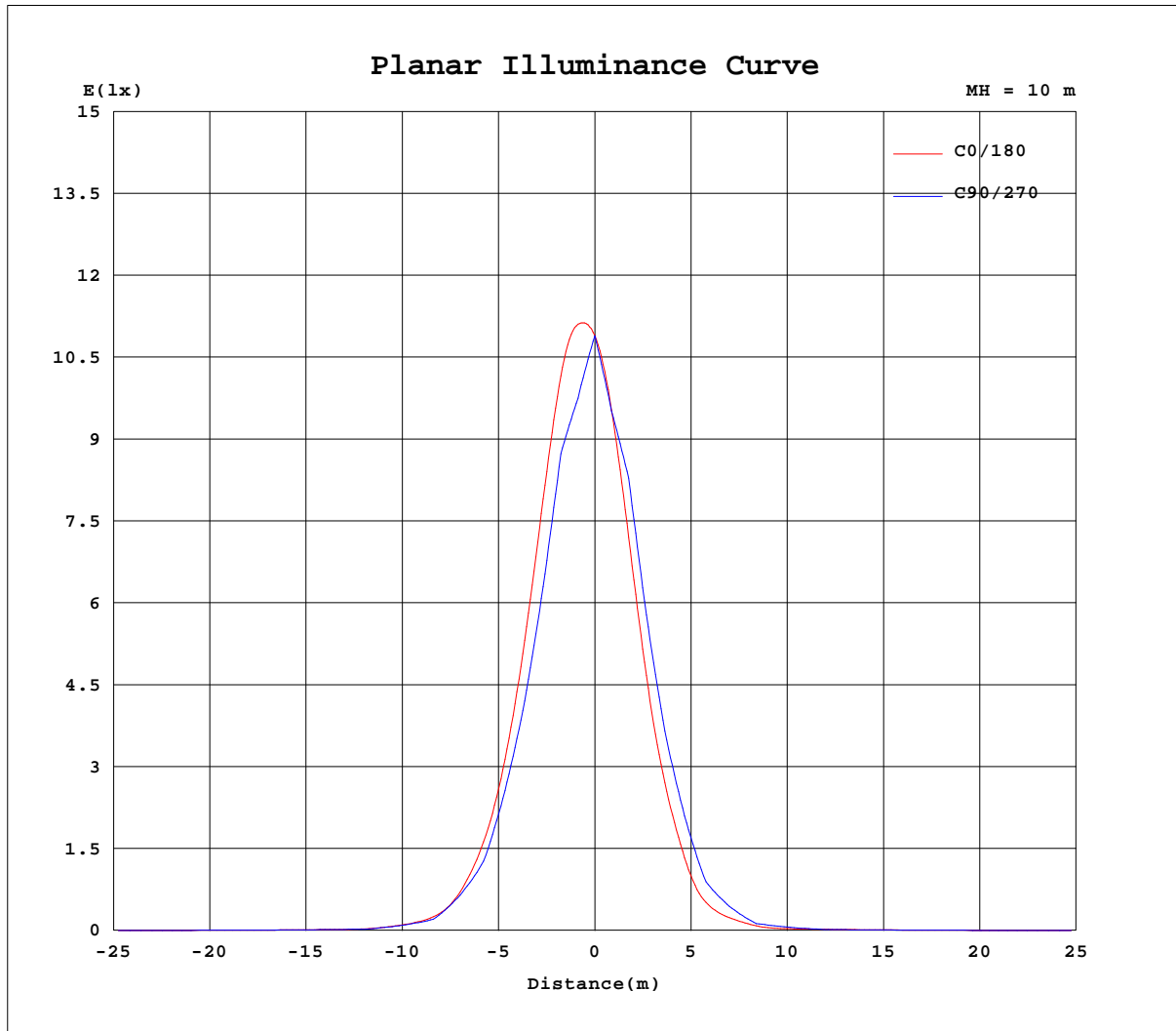
| | | |
|--|---------------------|---------------------|
| Test:U:220.24V I:0.0855A P:8.5707W PF:0.4552 Freq:50.00Hz Lamp Flux:507.906x1 lm | | |
| NAME: 6809 | TYPE: | WEIGHT:276g |
| SPEC.:8W | DIM.: 7.6*7.6*5.2cm | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:38° |



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2024-10-10

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



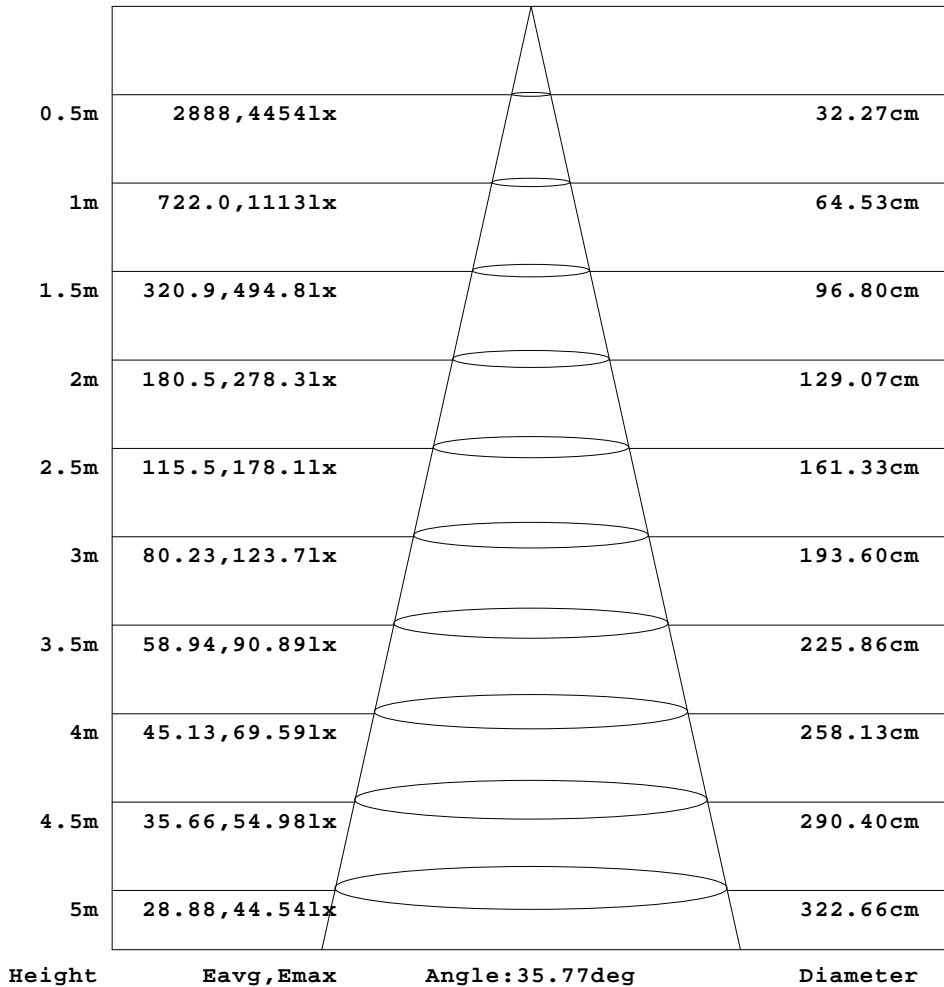
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NORDECOR
 Test Date:2024-10-10

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:220.24V I:0.0855A P:8.5707W PF:0.4552 Freq:50.00Hz Lamp Flux:507.906x1 lm | | |
| NAME: 6809 | TYPE: | WEIGHT:276g |
| SPEC.:8W | DIM.: 7.6*7.6*5.2cm | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:38° |

Flux out:239.5 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:NORDECOR
 Test Date:2024-10-10

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:220.24V I:0.0855A P:8.5707W PF:0.4552 Freq:50.00Hz Lamp Flux:507.906x1 lm | | |
| NAME: 6809 | TYPE: | WEIGHT:276g |
| SPEC.:8W | DIM.: 7.6*7.6*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 | 0.75 | 0.85 | 0.58 | 0.57 | 0.76 | 0.99 | 0.70 | 0.59 | 0.95 | 2.03 | 2.30 | 1.91 | 2.70 | 3.24 | 8.66 | 0.71 | 0.58 | 0.71 | 3.25 |
| -75 | 9.56 | 0.84 | 0.93 | 0.78 | 0.75 | 0.86 | 1.19 | 1.29 | 1.28 | 1.50 | 2.31 | 2.92 | 2.82 | 3.03 | 4.00 | 6.53 | 2.79 | 2.84 | 2.97 |
| -70 | 0.88 | 0.92 | 0.95 | 0.97 | 1.07 | 1.28 | 1.55 | 1.86 | 2.20 | 2.54 | 2.93 | 3.35 | 3.74 | 4.13 | 4.47 | 4.79 | 5.06 | 5.29 | 5.44 |
| -65 | 0.85 | 0.91 | 0.95 | 0.99 | 1.11 | 1.34 | 1.67 | 2.06 | 2.50 | 2.97 | 3.44 | 3.94 | 4.43 | 4.90 | 5.36 | 5.77 | 6.14 | 6.44 | 6.68 |
| -60 | 0.94 | 0.97 | 1.01 | 1.17 | 1.49 | 1.91 | 2.40 | 2.96 | 3.54 | 4.15 | 4.74 | 5.32 | 5.88 | 6.42 | 6.91 | 7.34 | 7.71 | 8.00 | 8.19 |
| -55 | 0.90 | 0.95 | 0.99 | 1.09 | 1.40 | 1.84 | 2.37 | 2.99 | 3.63 | 4.29 | 4.95 | 5.60 | 6.23 | 6.84 | 7.42 | 7.95 | 8.42 | 8.82 | 9.10 |
| -50 | 0.96 | 0.99 | 1.08 | 1.46 | 1.98 | 2.60 | 3.33 | 4.05 | 4.77 | 5.49 | 6.21 | 6.89 | 7.57 | 8.20 | 8.79 | 9.31 | 9.78 | 10.1 | 10.3 |
| -45 | 1.03 | 0.97 | 1.02 | 1.27 | 1.78 | 2.42 | 3.17 | 3.95 | 4.73 | 5.49 | 6.24 | 6.95 | 7.65 | 8.29 | 9.37 | 14.0 | 19.4 | 23.8 | 27.1 |
| -40 | 0.97 | 1.03 | 1.30 | 1.87 | 2.58 | 3.42 | 4.27 | 5.10 | 5.91 | 6.69 | 7.42 | 8.12 | 8.77 | 9.66 | 17.1 | 27.7 | 36.2 | 43.1 | 46.8 |
| -35 | 1.07 | 1.01 | 1.09 | 1.55 | 2.26 | 3.13 | 4.06 | 4.97 | 5.86 | 6.70 | 7.47 | 8.17 | 10.3 | 19.4 | 28.4 | 42.9 | 64.7 | 90.7 | 113 |
| -30 | 1.03 | 1.09 | 1.56 | 2.34 | 3.33 | 4.33 | 5.32 | 6.26 | 7.16 | 7.96 | 8.67 | 10.3 | 26.3 | 43.0 | 61.7 | 92.3 | 135 | 176 | 201 |
| -25 | 1.04 | 1.06 | 1.21 | 1.85 | 2.77 | 3.85 | 4.93 | 5.99 | 7.01 | 7.94 | 8.75 | 11.8 | 24.7 | 46.8 | 79.7 | 136 | 205 | 274 | 332 |
| -20 | 1.08 | 1.20 | 1.81 | 2.78 | 3.94 | 5.11 | 6.26 | 7.36 | 8.37 | 9.24 | 11.9 | 32.6 | 57.6 | 99.6 | 185 | 289 | 387 | 469 | 516 |
| -15 | 1.07 | 1.10 | 1.32 | 2.08 | 3.19 | 4.40 | 5.62 | 6.84 | 8.00 | 9.05 | 10.1 | 21.7 | 45.8 | 84.5 | 165 | 282 | 423 | 564 | 675 |
| -10 | 1.09 | 1.25 | 1.98 | 3.11 | 4.38 | 5.65 | 6.94 | 8.19 | 9.32 | 10.3 | 23.9 | 48.5 | 90.5 | 192 | 327 | 500 | 688 | 845 | 931 |
| -5 | 1.06 | 1.12 | 1.37 | 2.20 | 3.40 | 4.67 | 5.98 | 7.29 | 8.54 | 9.66 | 11.3 | 29.9 | 56.0 | 112 | 234 | 387 | 586 | 794 | 955 |
| 0 | 1.11 | 1.27 | 2.03 | 3.17 | 4.45 | 5.77 | 7.11 | 8.40 | 9.56 | 10.7 | 26.6 | 51.1 | 101 | 222 | 378 | 588 | 823 | 1013 | 1107 |
| 5 | 1.05 | 1.11 | 1.36 | 2.18 | 3.36 | 4.61 | 5.91 | 7.20 | 8.44 | 9.55 | 11.1 | 28.0 | 53.2 | 107 | 225 | 373 | 563 | 768 | 930 |
| 10 | 1.08 | 1.23 | 1.94 | 3.04 | 4.27 | 5.52 | 6.78 | 8.00 | 9.10 | 10.0 | 20.5 | 43.2 | 81.3 | 174 | 304 | 456 | 636 | 796 | 885 |
| 15 | 1.03 | 1.09 | 1.29 | 2.03 | 3.08 | 4.25 | 5.43 | 6.61 | 7.73 | 8.73 | 9.63 | 17.8 | 38.2 | 72.2 | 143 | 247 | 376 | 508 | 618 |
| 20 | 1.06 | 1.17 | 1.76 | 2.66 | 3.76 | 4.86 | 5.97 | 7.03 | 7.98 | 8.82 | 9.70 | 23.6 | 45.1 | 76.9 | 144 | 242 | 330 | 403 | 450 |
| 25 | 0.98 | 1.04 | 1.17 | 1.78 | 2.63 | 3.63 | 4.65 | 5.66 | 6.62 | 7.49 | 8.25 | 9.52 | 18.1 | 34.0 | 59.3 | 105 | 164 | 220 | 270 |
| 30 | 1.00 | 1.05 | 1.49 | 2.23 | 3.09 | 4.03 | 4.95 | 5.84 | 6.66 | 7.40 | 8.04 | 8.50 | 15.1 | 29.2 | 43.7 | 62.1 | 88.8 | 120 | 143 |
| 35 | 0.96 | 0.99 | 1.04 | 1.48 | 2.14 | 2.91 | 3.75 | 4.60 | 5.40 | 6.16 | 6.85 | 7.47 | 8.01 | 12.8 | 20.1 | 28.3 | 41.2 | 58.7 | 76.5 |
| 40 | 0.95 | 0.98 | 1.25 | 1.79 | 2.41 | 3.14 | 3.92 | 4.66 | 5.36 | 6.04 | 6.66 | 7.23 | 7.73 | 8.15 | 9.01 | 14.3 | 21.3 | 26.7 | 29.9 |
| 45 | 0.93 | 0.93 | 0.97 | 1.22 | 1.70 | 2.27 | 2.90 | 3.59 | 4.26 | 4.92 | 5.55 | 6.14 | 6.68 | 7.19 | 7.62 | 8.56 | 11.8 | 15.3 | 17.9 |
| 50 | 0.91 | 0.93 | 1.03 | 1.40 | 1.88 | 2.40 | 2.99 | 3.61 | 4.23 | 4.83 | 5.39 | 5.94 | 6.45 | 6.93 | 7.34 | 7.71 | 8.01 | 8.25 | 8.41 |
| 55 | 0.91 | 0.93 | 0.96 | 1.05 | 1.35 | 1.75 | 2.19 | 2.69 | 3.20 | 3.76 | 4.32 | 4.83 | 5.32 | 5.79 | 6.23 | 6.61 | 6.94 | 7.22 | 7.42 |
| 60 | 0.95 | 0.97 | 0.99 | 1.15 | 1.43 | 1.80 | 2.19 | 2.58 | 3.07 | 3.60 | 4.06 | 4.52 | 4.95 | 5.36 | 5.72 | 6.05 | 6.31 | 6.52 | 6.66 |
| 65 | 0.95 | 0.98 | 1.00 | 1.01 | 1.13 | 1.31 | 1.59 | 1.89 | 2.21 | 2.58 | 2.94 | 3.30 | 3.65 | 4.01 | 4.35 | 4.63 | 4.88 | 5.08 | 5.23 |
| 70 | 1.00 | 1.01 | 1.02 | 1.04 | 1.10 | 1.27 | 1.46 | 1.71 | 1.95 | 2.15 | 2.38 | 2.64 | 2.94 | 3.21 | 3.42 | 3.61 | 3.77 | 3.90 | 4.03 |
| 75 | 1.00 | 1.01 | 1.02 | 1.03 | 1.05 | 1.08 | 1.19 | 1.30 | 1.44 | 1.58 | 1.71 | 1.88 | 2.06 | 2.24 | 2.40 | 2.54 | 2.66 | 2.75 | 2.81 |
| 80 | 1.02 | 1.03 | 1.04 | 1.04 | 1.05 | 1.07 | 1.08 | 1.11 | 1.16 | 1.22 | 1.30 | 1.40 | 1.47 | 1.53 | 1.60 | 1.66 | 1.70 | 1.69 | 1.78 |
| 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
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Test Speed: HIGH
Temperature:25.3DEG
Operators:NORDECOR
Test Date:2024-10-10

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:220.24V I:0.0855A P:8.5707W PF:0.4552 Freq:50.00Hz Lamp Flux:507.906x1 lm | | |
| NAME: 6809 | TYPE: | WEIGHT:276g |
| SPEC.:8W | DIM.: 7.6*7.6*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 | 0.62 | 0.74 | 0.60 | 0.61 | 0.97 | 0.60 | 0.56 | 0.69 | 0.58 | 0.57 | 0.61 | 0.56 | 0.62 | 0.62 | 0.61 | 0.77 | 0.93 | 1.02 |
| -75 | 4.93 | 3.05 | 3.12 | 3.12 | 3.01 | 3.04 | 2.87 | 2.67 | 2.58 | 2.42 | 2.16 | 1.99 | 1.76 | 1.60 | 1.43 | 1.24 | 1.00 | 0.93 |
| -70 | 5.55 | 5.58 | 5.56 | 5.48 | 5.32 | 5.12 | 4.86 | 4.56 | 4.22 | 3.85 | 3.46 | 3.05 | 2.65 | 2.28 | 1.90 | 1.43 | 0.85 | 0.79 |
| -65 | 6.84 | 6.91 | 6.91 | 6.83 | 6.66 | 6.41 | 6.10 | 5.73 | 5.33 | 4.88 | 4.41 | 3.91 | 3.42 | 2.92 | 2.45 | 1.97 | 1.32 | 0.85 |
| -60 | 8.27 | 8.25 | 8.14 | 7.92 | 7.61 | 7.22 | 6.76 | 6.26 | 5.72 | 5.15 | 4.57 | 3.99 | 3.38 | 2.79 | 2.23 | 1.60 | 0.86 | 0.84 |
| -55 | 9.28 | 9.32 | 9.24 | 9.06 | 8.75 | 8.34 | 7.86 | 7.32 | 6.73 | 6.12 | 5.48 | 4.83 | 4.18 | 3.51 | 2.86 | 2.23 | 1.43 | 0.84 |
| -50 | 10.4 | 10.3 | 10.1 | 9.72 | 9.25 | 8.70 | 8.09 | 7.45 | 6.75 | 6.06 | 5.35 | 4.63 | 3.91 | 3.18 | 2.48 | 1.73 | 0.84 | 0.83 |
| -45 | 28.7 | 28.4 | 26.5 | 23.5 | 19.8 | 15.3 | 10.4 | 8.38 | 7.74 | 7.03 | 6.31 | 5.57 | 4.82 | 4.05 | 3.27 | 2.49 | 1.59 | 0.85 |
| -40 | 46.9 | 43.6 | 38.2 | 31.4 | 23.3 | 13.9 | 8.94 | 8.30 | 7.59 | 6.85 | 6.09 | 5.31 | 4.50 | 3.67 | 2.81 | 1.97 | 0.86 | 0.88 |
| -35 | 125 | 122 | 108 | 84.9 | 59.9 | 39.9 | 25.1 | 15.3 | 9.24 | 7.85 | 7.12 | 6.35 | 5.52 | 4.66 | 3.78 | 2.85 | 1.83 | 0.91 |
| -30 | 201 | 179 | 142 | 97.8 | 63.4 | 41.6 | 24.8 | 12.0 | 8.39 | 7.71 | 6.91 | 6.05 | 5.16 | 4.24 | 3.28 | 2.24 | 0.96 | 0.94 |
| -25 | 361 | 352 | 310 | 246 | 175 | 114 | 62.5 | 33.1 | 17.1 | 9.43 | 8.03 | 7.22 | 6.32 | 5.36 | 4.36 | 3.32 | 2.16 | 1.01 |
| -20 | 513 | 462 | 379 | 279 | 187 | 101 | 50.3 | 27.1 | 12.6 | 8.65 | 7.86 | 6.95 | 5.95 | 4.89 | 3.79 | 2.62 | 1.06 | 0.99 |
| -15 | 729 | 712 | 625 | 490 | 351 | 229 | 124 | 57.1 | 29.5 | 14.0 | 8.86 | 8.02 | 7.06 | 6.00 | 4.89 | 3.74 | 2.51 | 1.12 |
| -10 | 929 | 833 | 659 | 476 | 316 | 185 | 82.2 | 39.8 | 20.7 | 9.43 | 8.54 | 7.57 | 6.49 | 5.34 | 4.15 | 2.91 | 1.19 | 1.12 |
| -5 | 1026 | 1014 | 891 | 690 | 484 | 308 | 173 | 76.8 | 37.9 | 18.8 | 9.37 | 8.49 | 7.49 | 6.37 | 5.19 | 3.98 | 2.71 | 1.19 |
| 0 | 1120 | 1017 | 808 | 572 | 364 | 211 | 99.4 | 46.1 | 24.0 | 10.0 | 8.81 | 7.82 | 6.70 | 5.52 | 4.30 | 3.02 | 1.22 | 1.20 |
| 5 | 1004 | 991 | 871 | 676 | 472 | 300 | 168 | 75.7 | 37.7 | 18.2 | 9.33 | 8.45 | 7.44 | 6.33 | 5.17 | 3.95 | 2.69 | 1.18 |
| 10 | 884 | 789 | 628 | 450 | 297 | 173 | 79.0 | 39.4 | 19.4 | 9.28 | 8.46 | 7.49 | 6.41 | 5.30 | 4.08 | 2.86 | 1.18 | 1.09 |
| 15 | 674 | 660 | 581 | 457 | 325 | 208 | 113 | 54.7 | 28.4 | 12.7 | 8.73 | 7.91 | 6.96 | 5.92 | 4.82 | 3.66 | 2.47 | 1.10 |
| 20 | 454 | 413 | 339 | 252 | 163 | 86.7 | 46.6 | 25.6 | 10.7 | 8.48 | 7.71 | 6.83 | 5.84 | 4.81 | 3.71 | 2.55 | 1.07 | 1.03 |
| 25 | 300 | 297 | 264 | 209 | 151 | 96.3 | 53.6 | 29.6 | 15.4 | 8.69 | 7.83 | 7.06 | 6.19 | 5.25 | 4.25 | 3.20 | 2.17 | 0.98 |
| 30 | 147 | 132 | 102 | 72.3 | 49.5 | 34.1 | 20.5 | 9.27 | 8.08 | 7.45 | 6.73 | 5.92 | 5.06 | 4.12 | 3.13 | 2.18 | 0.97 | 0.88 |
| 35 | 88.0 | 88.1 | 77.2 | 60.0 | 42.5 | 28.8 | 19.9 | 12.9 | 8.08 | 7.48 | 6.83 | 6.10 | 5.31 | 4.49 | 3.61 | 2.68 | 1.88 | 0.88 |
| 40 | 30.6 | 28.7 | 24.9 | 19.3 | 12.7 | 8.66 | 8.16 | 7.66 | 7.11 | 6.48 | 5.78 | 5.03 | 4.27 | 3.47 | 2.60 | 1.89 | 0.89 | 0.85 |
| 45 | 19.3 | 19.5 | 18.2 | 16.1 | 13.1 | 9.70 | 7.97 | 7.56 | 7.04 | 6.47 | 5.84 | 5.17 | 4.47 | 3.77 | 3.03 | 2.29 | 1.64 | 0.82 |
| 50 | 8.48 | 8.47 | 8.37 | 8.16 | 7.82 | 7.54 | 7.14 | 6.63 | 6.06 | 5.45 | 4.84 | 4.19 | 3.54 | 2.88 | 2.22 | 1.66 | 0.86 | 0.82 |
| 55 | 7.55 | 7.60 | 7.56 | 7.44 | 7.25 | 7.00 | 6.66 | 6.29 | 5.83 | 5.34 | 4.79 | 4.23 | 3.67 | 3.07 | 2.50 | 2.00 | 1.50 | 0.84 |
| 60 | 6.70 | 6.68 | 6.58 | 6.43 | 6.20 | 5.93 | 5.58 | 5.21 | 4.81 | 4.35 | 3.85 | 3.37 | 2.82 | 2.34 | 1.96 | 1.56 | 0.91 | 0.84 |
| 65 | 5.36 | 5.43 | 5.43 | 5.38 | 5.28 | 5.11 | 4.88 | 4.60 | 4.26 | 3.91 | 3.55 | 3.16 | 2.80 | 2.42 | 2.08 | 1.78 | 1.44 | 0.92 |
| 70 | 4.14 | 4.18 | 4.20 | 4.18 | 4.11 | 3.95 | 3.74 | 3.46 | 3.17 | 2.88 | 2.63 | 2.37 | 2.16 | 1.95 | 1.72 | 1.50 | 1.00 | 0.96 |
| 75 | 2.92 | 3.01 | 3.05 | 3.05 | 3.02 | 2.98 | 2.90 | 2.79 | 2.64 | 2.50 | 2.36 | 2.22 | 2.05 | 1.89 | 1.74 | 1.58 | 1.32 | 1.01 |
| 80 | 1.86 | 1.92 | 1.91 | 1.88 | 1.87 | 1.89 | 1.90 | 1.89 | 1.88 | 1.89 | 1.87 | 1.79 | 1.69 | 1.58 | 1.51 | 1.32 | 1.07 | 1.04 |
| 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:NORDECOR
Test Date:2024-10-10

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: