

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

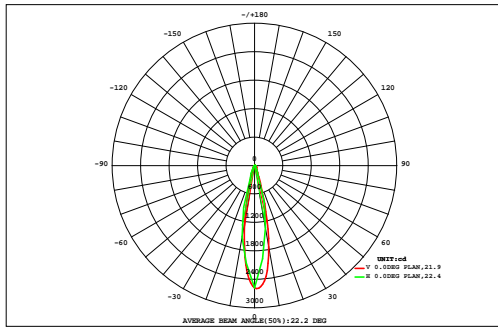
| | | |
|---|----------------|---|
| Maximum Intensity (Luminaire orientation as tested.) | | 5127.0 cd per klm. 0.0 degrees vertical -1.0 degrees horizontal |
| Beam Spread | At 10% of Imax | 39.8V x 38.7H |
| | At 50% of Imax | 22.5V x 21.9H |
| | At 90% of Imax | 6.0V x 9.5H |
| Beam Flux | Total | 995.8 lumens per klm. |
| | To 10% of Imax | 736.0 lumens per klm. |
| | To 50% of Imax | 378.7 lumens per klm. |
| | To 90% of Imax | 41.7 lumens per klm. |
| | Upward LOR | 0.0 % |
| | Downward LOR | 99.6 % |
| 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:2024-11-06

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:220.27V I:0.1595A P:15.443W PF:0.4395 Freq:50.00Hz Lamp Flux:505.548x1 lm | | |
| NAME: 6849 | TYPE: | WEIGHT:690g |
| SPEC.:15W | DIM.: ϕ 125*90mm | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:24° |



| DATA OF LAMP | | Eff:32.74lm/W | |
|------------------|---------|-----------------|----------|
| MODEL | | Imax(cd) | 2592 |
| NOMINAL POWER(W) | | AVAILABILITY(%) | 75.4 |
| RATED VOLTAGE(V) | | Avai. FLUX(lm) | 381.4 |
| NOMINAL FLUX(lm) | 505.548 | LOR(%) | 100.0 |
| LAMPS INSIDE | 1 | TOTAL FLUX(lm) | 505.5 |
| TEST VOLTAGE(V) | 0 | q @50%(H,V) | 22,22DEG |

| VERTICAL(DEG) | AREA FLUX DIAGRAM | | | | | | | | | | | | | | | | UNIT:lm | | F t | F a |
|----------------|-------------------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|---------|------|------|------|
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 0.00 |
| 80 | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.06 | 0.07 | 0.07 | 0.06 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 | 0.71 | 0.00 |
| 70 | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.08 | 0.07 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 | 0.72 | 0.00 |
| 60 | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.08 | 0.07 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 | 0.72 | 0.00 |
| 50 | 0.00 | 0.01 | 0.02 | 0.03 | 0.05 | 0.07 | 0.12 | 0.18 | 0.22 | 0.22 | 0.18 | 0.12 | 0.06 | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 | 1.39 | 0.00 |
| 40 | 0.00 | 0.01 | 0.02 | 0.03 | 0.07 | 0.16 | 0.37 | 0.59 | 0.70 | 0.70 | 0.55 | 0.34 | 0.15 | 0.06 | 0.03 | 0.02 | 0.01 | 0.00 | 3.81 | 0.00 |
| 30 | 0.00 | 0.01 | 0.02 | 0.05 | 0.15 | 0.41 | 0.88 | 1.40 | 1.73 | 1.73 | 1.36 | 0.81 | 0.37 | 0.12 | 0.04 | 0.02 | 0.01 | 0.00 | 9.12 | 0.00 |
| 20 | 0.00 | 0.01 | 0.03 | 0.08 | 0.29 | 0.77 | 1.68 | 3.00 | 4.53 | 4.58 | 3.02 | 1.60 | 0.68 | 0.25 | 0.07 | 0.03 | 0.01 | 0.00 | 20.6 | 0.40 |
| 10 | 0.00 | 0.02 | 0.04 | 0.13 | 0.45 | 1.18 | 2.78 | 7.51 | 19.7 | 20.0 | 7.84 | 2.72 | 1.05 | 0.38 | 0.10 | 0.03 | 0.01 | 0.00 | 63.9 | 45.8 |
| 0 | 0.00 | 0.02 | 0.04 | 0.16 | 0.56 | 1.48 | 3.80 | 17.3 | 54.0 | 52.5 | 16.2 | 3.62 | 1.33 | 0.46 | 0.13 | 0.03 | 0.01 | 0.00 | 152 | 138 |
| -10 | 0.00 | 0.02 | 0.04 | 0.16 | 0.54 | 1.43 | 3.88 | 20.2 | 59.7 | 56.2 | 16.4 | 3.52 | 1.30 | 0.48 | 0.14 | 0.03 | 0.01 | 0.00 | 164 | 151 |
| -20 | 0.00 | 0.02 | 0.04 | 0.13 | 0.43 | 1.09 | 2.75 | 8.17 | 21.0 | 17.5 | 5.81 | 2.44 | 1.01 | 0.40 | 0.11 | 0.03 | 0.01 | 0.00 | 60.9 | 46.3 |
| -30 | 0.00 | 0.01 | 0.03 | 0.08 | 0.28 | 0.67 | 1.51 | 2.41 | 2.36 | 2.39 | 2.15 | 1.42 | 0.68 | 0.28 | 0.07 | 0.03 | 0.01 | 0.00 | 14.4 | 0.00 |
| -40 | 0.00 | 0.01 | 0.03 | 0.05 | 0.14 | 0.38 | 0.75 | 1.19 | 1.38 | 1.35 | 1.12 | 0.73 | 0.39 | 0.14 | 0.04 | 0.02 | 0.01 | 0.00 | 7.71 | 0.00 |
| -50 | 0.00 | 0.01 | 0.02 | 0.03 | 0.06 | 0.18 | 0.35 | 0.51 | 0.59 | 0.58 | 0.49 | 0.35 | 0.17 | 0.06 | 0.03 | 0.02 | 0.01 | 0.00 | 3.48 | 0.00 |
| -60 | 0.00 | 0.01 | 0.02 | 0.03 | 0.05 | 0.07 | 0.13 | 0.20 | 0.25 | 0.23 | 0.19 | 0.12 | 0.05 | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 | 1.45 | 0.00 |
| -70 | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 | 0.06 | 0.06 | 0.07 | 0.07 | 0.07 | 0.06 | 0.05 | 0.05 | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 | 0.69 | 0.00 |
| -80 | 0.00 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 | 0.01 | 0.00 | 0.56 | 0.00 |
| -90 | 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 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.25 | 0.00 |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | HORIZONTAL(DEG) | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| F t | 0.06 | 0.22 | 0.44 | 1.11 | 3.24 | 8.11 | 19.2 | 63.0 | 166 | 158 | 55.6 | 18.0 | 7.44 | 2.87 | 0.92 | 0.38 | 0.19 | 0.06 | 506 | --- |
| F a | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 45.1 | 153 | 145 | 37.5 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 381 |

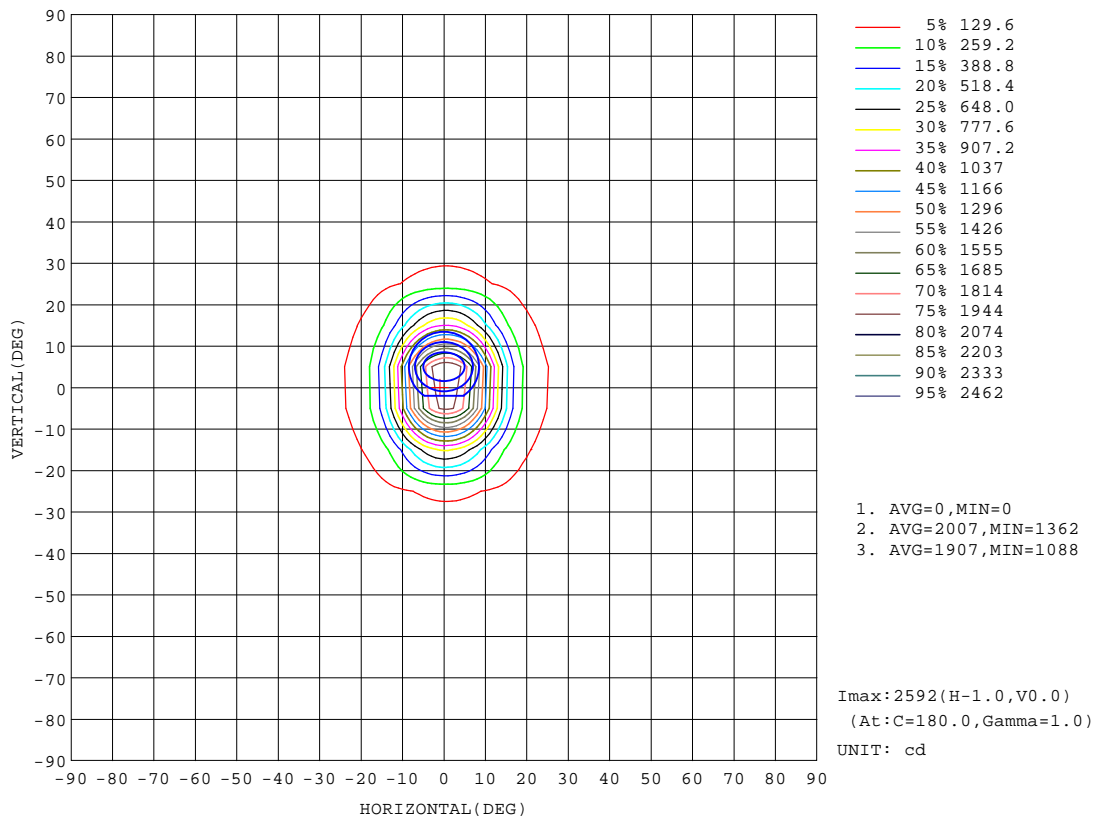
one-half-peak spread: U:10.5,D:12.2 , L:11.5,R:10.6 NEMA Beam Type: Type 3

H(h) Range:-90 - 90DEG
H(h) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AED
Test Date:2024-11-06

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:220.27V I:0.1595A P:15.443W PF:0.4395 Freq:50.00Hz Lamp Flux:505.548x1 lm | | |
| NAME: 6849 | TYPE: | WEIGHT:690g |
| SPEC.:15W | DIM.: ϕ 125*90mm | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:24° |

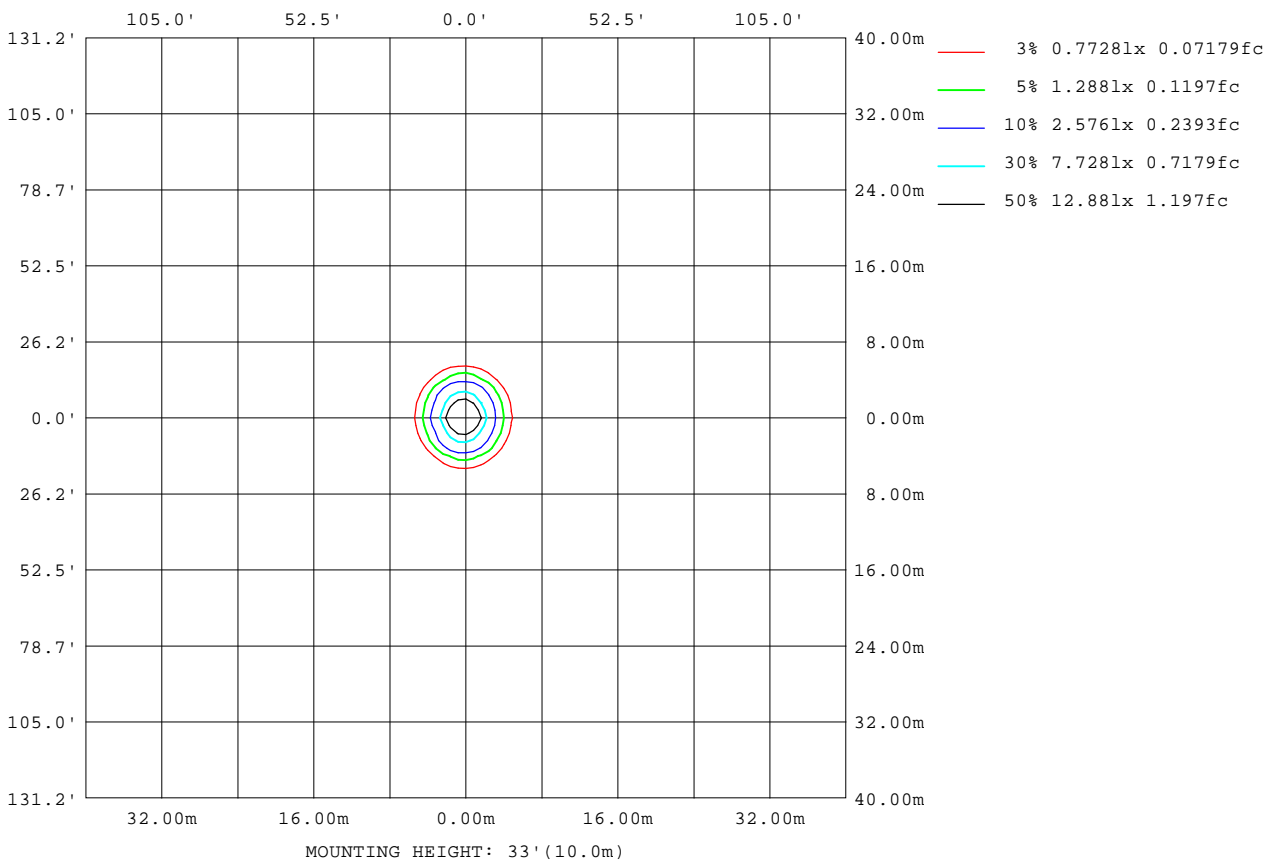


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-11-06

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

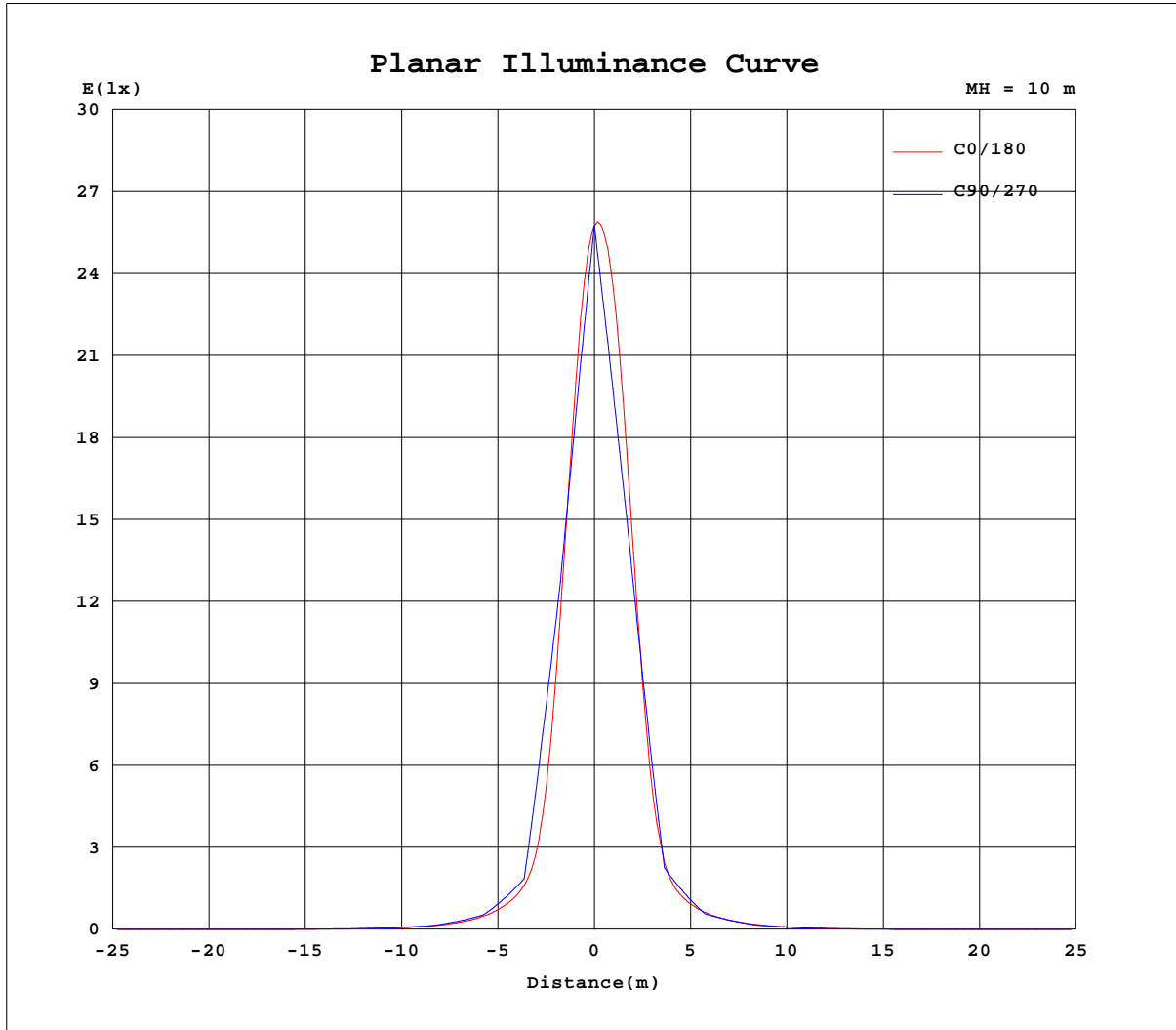
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|--|-----------------------|---------------------|
| Test:U:220.27V I:0.1595A P:15.443W PF:0.4395 Freq:50.00Hz Lamp Flux:505.548x1 lm | | |
| NAME: 6849 | TYPE: | WEIGHT:690g |
| SPEC.:15W | DIM.: ϕ 125*90mm | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:24° |



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-11-06

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



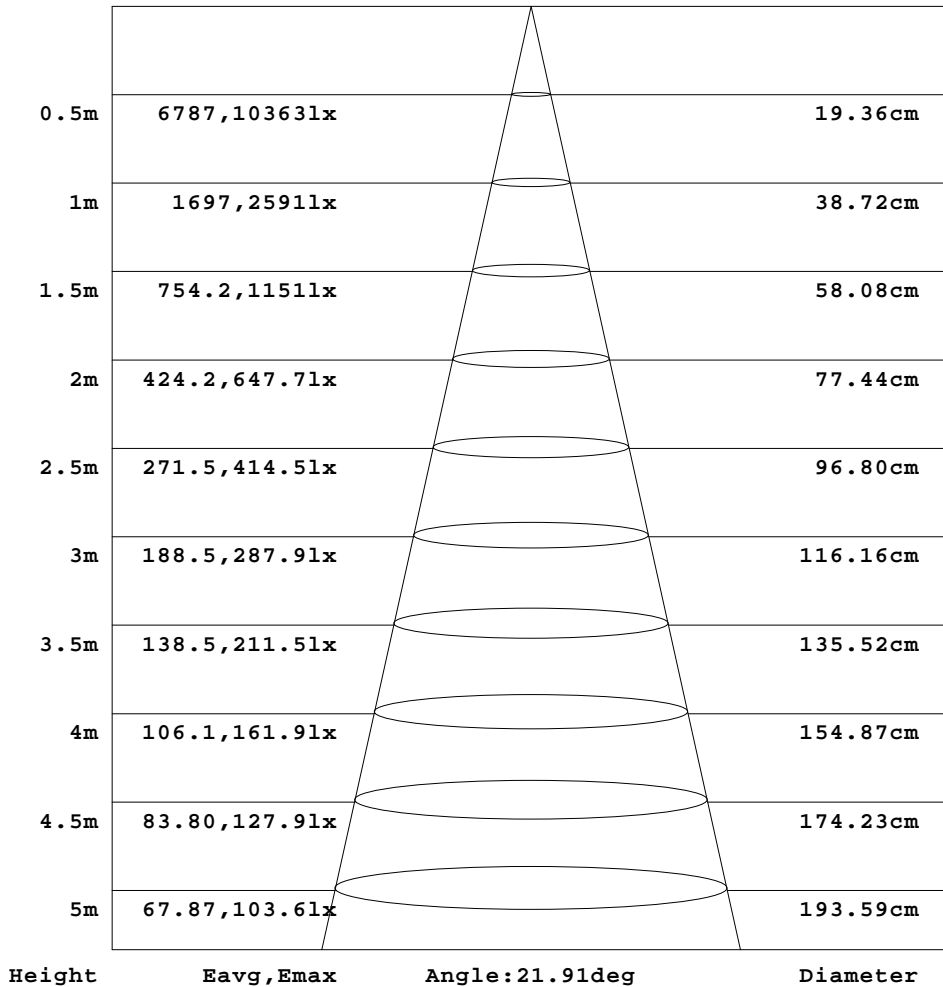
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AED
 Test Date:2024-11-06

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:220.27V I:0.1595A P:15.443W PF:0.4395 Freq:50.00Hz Lamp Flux:505.548x1 lm | | |
| NAME: 6849 | TYPE: | WEIGHT:690g |
| SPEC.:15W | DIM.: ϕ 125*90mm | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:24° |

Flux out:201.4 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:2024-11-06

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:220.27V I:0.1595A P:15.443W PF:0.4395 Freq:50.00Hz Lamp Flux:505.548x1 lm | | |
| NAME: 6849 | TYPE: | WEIGHT:690g |
| SPEC.:15W | DIM.: ϕ 125*90mm | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:24° |

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 | 1.06 | 1.15 | 1.25 | 1.28 | 1.31 | 1.31 | 1.31 | 1.36 | 1.40 | 1.40 | 1.43 | 1.46 | 1.55 | 1.59 | 1.61 | 1.63 | 1.65 | 1.64 | 1.64 |
| -75 | 1.20 | 1.21 | 1.30 | 1.34 | 1.38 | 1.39 | 1.43 | 1.45 | 1.51 | 1.53 | 1.59 | 1.65 | 1.73 | 1.77 | 1.84 | 1.88 | 1.91 | 1.92 | 1.92 |
| -70 | 1.26 | 1.32 | 1.37 | 1.42 | 1.46 | 1.48 | 1.53 | 1.59 | 1.65 | 1.71 | 1.79 | 1.87 | 1.95 | 2.03 | 2.09 | 2.16 | 2.19 | 2.21 | 2.20 |
| -65 | 1.30 | 1.31 | 1.37 | 1.43 | 1.48 | 1.52 | 1.58 | 1.67 | 1.76 | 1.89 | 2.03 | 2.18 | 2.37 | 2.56 | 2.76 | 2.96 | 3.11 | 3.32 | 3.42 |
| -60 | 1.29 | 1.35 | 1.41 | 1.47 | 1.52 | 1.59 | 1.69 | 1.82 | 1.98 | 2.18 | 2.40 | 2.65 | 2.94 | 3.23 | 3.57 | 3.88 | 4.19 | 4.57 | 4.58 |
| -55 | 1.27 | 1.28 | 1.34 | 1.41 | 1.47 | 1.55 | 1.65 | 1.81 | 2.01 | 2.25 | 2.57 | 2.99 | 3.82 | 5.22 | 6.46 | 7.52 | 8.37 | 9.18 | 9.45 |
| -50 | 1.24 | 1.26 | 1.33 | 1.38 | 1.47 | 1.57 | 1.73 | 1.94 | 2.21 | 2.57 | 3.03 | 3.80 | 5.81 | 8.21 | 10.2 | 11.9 | 13.2 | 14.2 | 14.2 |
| -45 | 1.23 | 1.26 | 1.33 | 1.41 | 1.48 | 1.59 | 1.75 | 1.97 | 2.27 | 2.88 | 4.23 | 6.54 | 9.33 | 12.6 | 15.8 | 18.9 | 21.4 | 23.0 | 23.5 |
| -40 | 1.26 | 1.32 | 1.40 | 1.48 | 1.59 | 1.75 | 1.96 | 2.22 | 2.65 | 4.10 | 7.00 | 11.4 | 15.4 | 19.5 | 23.9 | 28.2 | 31.1 | 32.3 | 32.7 |
| -35 | 1.29 | 1.34 | 1.44 | 1.54 | 1.67 | 1.87 | 2.14 | 2.49 | 3.47 | 5.69 | 9.29 | 14.0 | 19.6 | 26.3 | 34.4 | 42.8 | 50.1 | 54.7 | 57.0 |
| -30 | 1.36 | 1.46 | 1.56 | 1.71 | 1.92 | 2.20 | 2.58 | 3.34 | 5.73 | 9.88 | 15.0 | 20.8 | 28.7 | 39.5 | 51.6 | 63.7 | 73.5 | 79.5 | 81.3 |
| -25 | 1.36 | 1.45 | 1.58 | 1.74 | 1.97 | 2.30 | 2.81 | 3.69 | 6.73 | 11.3 | 17.0 | 24.0 | 34.8 | 50.1 | 69.4 | 91.8 | 117 | 141 | 154 |
| -20 | 1.41 | 1.55 | 1.71 | 1.92 | 2.28 | 2.76 | 3.52 | 5.83 | 11.1 | 17.0 | 24.0 | 34.6 | 52.2 | 75.3 | 105 | 140 | 180 | 217 | 225 |
| -15 | 1.40 | 1.51 | 1.67 | 1.90 | 2.23 | 2.73 | 3.52 | 5.60 | 11.0 | 17.3 | 25.2 | 37.3 | 56.5 | 84.7 | 128 | 210 | 413 | 671 | 793 |
| -10 | 1.45 | 1.59 | 1.79 | 2.08 | 2.53 | 3.26 | 4.36 | 9.24 | 15.7 | 23.4 | 34.6 | 53.2 | 80.6 | 124 | 199 | 411 | 861 | 1274 | 1332 |
| -5 | 1.42 | 1.55 | 1.73 | 1.98 | 2.38 | 2.99 | 3.96 | 7.31 | 13.7 | 21.5 | 32.3 | 49.4 | 74.6 | 115 | 189 | 424 | 1017 | 1682 | 1972 |
| 0 | 1.49 | 1.64 | 1.84 | 2.16 | 2.64 | 3.41 | 4.78 | 10.4 | 17.5 | 27.3 | 41.9 | 63.3 | 95.7 | 152 | 298 | 836 | 1745 | 2437 | 2576 |
| 5 | 1.43 | 1.55 | 1.73 | 1.98 | 2.39 | 2.99 | 3.96 | 7.57 | 13.8 | 22.3 | 34.5 | 52.4 | 77.1 | 118 | 196 | 450 | 1079 | 1761 | 2063 |
| 10 | 1.44 | 1.60 | 1.80 | 2.09 | 2.56 | 3.26 | 4.47 | 9.44 | 16.3 | 26.2 | 39.7 | 58.9 | 86.1 | 132 | 220 | 496 | 1005 | 1441 | 1521 |
| 15 | 1.39 | 1.52 | 1.68 | 1.91 | 2.25 | 2.76 | 3.56 | 6.11 | 11.2 | 18.7 | 29.0 | 43.4 | 63.1 | 93.1 | 140 | 244 | 488 | 770 | 908 |
| 20 | 1.42 | 1.55 | 1.72 | 1.97 | 2.30 | 2.82 | 3.62 | 6.47 | 11.6 | 18.9 | 28.4 | 41.9 | 61.3 | 86.1 | 118 | 158 | 211 | 261 | 273 |
| 25 | 1.35 | 1.45 | 1.58 | 1.75 | 2.00 | 2.34 | 2.86 | 4.00 | 7.37 | 12.4 | 19.3 | 28.8 | 42.0 | 59.3 | 79.4 | 104 | 133 | 164 | 181 |
| 30 | 1.35 | 1.44 | 1.56 | 1.71 | 1.94 | 2.23 | 2.64 | 3.82 | 6.84 | 10.9 | 16.8 | 25.1 | 35.8 | 47.9 | 60.0 | 71.5 | 81.1 | 86.7 | 87.3 |
| 35 | 1.28 | 1.34 | 1.44 | 1.54 | 1.69 | 1.87 | 2.15 | 2.55 | 4.01 | 6.65 | 10.3 | 15.8 | 23.1 | 31.8 | 40.6 | 49.1 | 56.1 | 60.5 | 62.2 |
| 40 | 1.27 | 1.32 | 1.39 | 1.47 | 1.59 | 1.72 | 1.94 | 2.22 | 3.05 | 5.04 | 7.70 | 11.8 | 17.2 | 22.8 | 28.3 | 32.9 | 35.4 | 36.4 | 36.7 |
| 45 | 1.22 | 1.25 | 1.32 | 1.38 | 1.46 | 1.55 | 1.71 | 1.92 | 2.25 | 3.19 | 4.50 | 6.61 | 9.98 | 13.9 | 17.8 | 21.3 | 23.7 | 24.8 | 25.2 |
| 50 | 1.20 | 1.24 | 1.29 | 1.35 | 1.41 | 1.49 | 1.63 | 1.81 | 2.03 | 2.32 | 2.70 | 3.82 | 5.82 | 8.15 | 10.4 | 12.1 | 13.1 | 13.6 | 13.7 |
| 55 | 1.23 | 1.24 | 1.29 | 1.35 | 1.40 | 1.45 | 1.56 | 1.69 | 1.86 | 2.06 | 2.30 | 2.73 | 3.70 | 4.88 | 6.17 | 7.19 | 7.97 | 8.39 | 8.67 |
| 60 | 1.25 | 1.30 | 1.33 | 1.37 | 1.45 | 1.50 | 1.59 | 1.69 | 1.83 | 1.98 | 2.16 | 2.31 | 2.50 | 2.63 | 2.81 | 3.01 | 3.23 | 3.49 | 3.66 |
| 65 | 1.32 | 1.30 | 1.35 | 1.37 | 1.43 | 1.48 | 1.55 | 1.62 | 1.72 | 1.82 | 1.93 | 2.05 | 2.16 | 2.27 | 2.37 | 2.49 | 2.59 | 2.72 | 2.85 |
| 70 | 1.31 | 1.33 | 1.36 | 1.44 | 1.48 | 1.51 | 1.57 | 1.63 | 1.68 | 1.75 | 1.78 | 1.87 | 1.92 | 1.97 | 2.03 | 2.04 | 2.06 | 2.05 | 2.05 |
| 75 | 1.39 | 1.37 | 1.39 | 1.40 | 1.45 | 1.48 | 1.51 | 1.55 | 1.59 | 1.63 | 1.67 | 1.71 | 1.75 | 1.78 | 1.80 | 1.83 | 1.83 | 1.84 | 1.84 |
| 80 | 1.37 | 1.39 | 1.42 | 1.44 | 1.45 | 1.47 | 1.49 | 1.51 | 1.53 | 1.55 | 1.57 | 1.58 | 1.60 | 1.60 | 1.61 | 1.61 | 1.61 | 1.62 | 1.61 |
| 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:2024-11-06

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:220.27V I:0.1595A P:15.443W PF:0.4395 Freq:50.00Hz Lamp Flux:505.548x1 lm | | |
| NAME: 6849 | TYPE: | WEIGHT:690g |
| SPEC.:15W | DIM.: ϕ 125*90mm | SERIAL No.:01 |
| MFR.: NORDECOR | SUR.: | Shielding Angle:24° |

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 | 1.63 | 1.60 | 1.59 | 1.57 | 1.55 | 1.53 | 1.52 | 1.49 | 1.46 | 1.44 | 1.43 | 1.40 | 1.37 | 1.37 | 1.32 | 1.19 | 1.08 | 1.15 |
| -75 | 1.91 | 1.87 | 1.85 | 1.80 | 1.74 | 1.69 | 1.64 | 1.58 | 1.55 | 1.50 | 1.45 | 1.43 | 1.41 | 1.37 | 1.35 | 1.26 | 1.15 | 1.14 |
| -70 | 2.18 | 2.12 | 2.07 | 1.98 | 1.90 | 1.81 | 1.73 | 1.66 | 1.59 | 1.52 | 1.47 | 1.43 | 1.39 | 1.37 | 1.33 | 1.23 | 1.23 | 1.13 |
| -65 | 3.32 | 3.07 | 2.87 | 2.68 | 2.46 | 2.28 | 2.08 | 1.91 | 1.79 | 1.66 | 1.55 | 1.48 | 1.43 | 1.38 | 1.37 | 1.31 | 1.25 | 1.24 |
| -60 | 4.25 | 3.89 | 3.51 | 3.19 | 2.84 | 2.54 | 2.30 | 2.08 | 1.85 | 1.73 | 1.58 | 1.49 | 1.44 | 1.43 | 1.37 | 1.33 | 1.29 | 1.28 |
| -55 | 9.12 | 8.45 | 7.71 | 6.78 | 5.66 | 4.26 | 3.03 | 2.41 | 2.12 | 1.87 | 1.66 | 1.52 | 1.42 | 1.35 | 1.34 | 1.29 | 1.25 | 1.23 |
| -50 | 13.4 | 12.5 | 11.2 | 9.53 | 7.39 | 4.84 | 3.06 | 2.50 | 2.14 | 1.85 | 1.62 | 1.47 | 1.37 | 1.30 | 1.26 | 1.23 | 1.18 | 1.19 |
| -45 | 23.2 | 21.9 | 19.9 | 17.3 | 14.5 | 11.3 | 7.69 | 5.18 | 3.31 | 2.22 | 1.81 | 1.57 | 1.41 | 1.32 | 1.26 | 1.22 | 1.18 | 1.16 |
| -40 | 32.1 | 29.9 | 26.6 | 22.8 | 19.2 | 14.9 | 9.83 | 6.20 | 3.43 | 2.14 | 1.78 | 1.53 | 1.39 | 1.29 | 1.23 | 1.19 | 1.16 | 1.13 |
| -35 | 56.3 | 52.1 | 45.3 | 37.7 | 30.1 | 23.4 | 17.0 | 11.6 | 7.23 | 4.03 | 2.31 | 1.86 | 1.60 | 1.45 | 1.34 | 1.28 | 1.23 | 1.18 |
| -30 | 77.8 | 69.2 | 58.0 | 46.3 | 35.4 | 26.8 | 19.5 | 13.2 | 8.47 | 4.20 | 2.35 | 1.96 | 1.68 | 1.51 | 1.41 | 1.32 | 1.24 | 1.23 |
| -25 | 146 | 124 | 99.3 | 76.7 | 56.5 | 40.6 | 29.0 | 20.5 | 13.8 | 7.95 | 3.94 | 2.41 | 1.97 | 1.72 | 1.54 | 1.42 | 1.35 | 1.27 |
| -20 | 199 | 159 | 122 | 90.3 | 63.7 | 44.3 | 31.1 | 22.2 | 14.4 | 8.05 | 3.75 | 2.48 | 2.04 | 1.74 | 1.56 | 1.45 | 1.35 | 1.32 |
| -15 | 696 | 460 | 246 | 141 | 93.9 | 62.8 | 42.3 | 29.0 | 19.7 | 12.0 | 6.30 | 3.04 | 2.36 | 1.97 | 1.72 | 1.59 | 1.50 | 1.41 |
| -10 | 1022 | 561 | 257 | 149 | 96.0 | 62.9 | 41.3 | 27.9 | 18.7 | 11.1 | 5.51 | 2.96 | 2.32 | 1.94 | 1.75 | 1.65 | 1.56 | 1.47 |
| -5 | 1779 | 1161 | 529 | 219 | 128 | 82.0 | 53.3 | 34.7 | 22.7 | 14.3 | 8.06 | 3.52 | 2.62 | 2.13 | 1.85 | 1.74 | 1.65 | 1.55 |
| 0 | 2111 | 1206 | 464 | 195 | 117 | 75.0 | 48.3 | 30.7 | 19.7 | 12.1 | 6.46 | 3.22 | 2.45 | 2.03 | 1.84 | 1.76 | 1.67 | 1.57 |
| 5 | 1870 | 1222 | 553 | 228 | 132 | 84.5 | 54.4 | 34.6 | 22.0 | 14.0 | 7.96 | 3.57 | 2.66 | 2.15 | 1.87 | 1.73 | 1.65 | 1.55 |
| 10 | 1186 | 657 | 288 | 161 | 102 | 66.6 | 42.7 | 26.8 | 17.2 | 10.6 | 5.33 | 3.05 | 2.37 | 1.97 | 1.75 | 1.65 | 1.56 | 1.48 |
| 15 | 808 | 534 | 278 | 155 | 102 | 67.0 | 43.3 | 27.9 | 18.1 | 11.2 | 5.98 | 3.13 | 2.43 | 1.99 | 1.73 | 1.58 | 1.50 | 1.40 |
| 20 | 234 | 180 | 135 | 99.0 | 70.1 | 46.0 | 29.9 | 20.0 | 13.0 | 7.13 | 3.57 | 2.58 | 2.07 | 1.76 | 1.57 | 1.44 | 1.35 | 1.29 |
| 25 | 169 | 140 | 110 | 84.4 | 61.8 | 42.5 | 28.2 | 19.0 | 12.4 | 6.99 | 3.68 | 2.48 | 2.03 | 1.73 | 1.53 | 1.41 | 1.34 | 1.26 |
| 30 | 82.9 | 75.0 | 63.9 | 51.0 | 37.2 | 26.1 | 18.1 | 12.3 | 7.20 | 3.62 | 2.38 | 1.97 | 1.69 | 1.51 | 1.39 | 1.31 | 1.24 | 1.19 |
| 35 | 60.7 | 56.6 | 49.6 | 40.9 | 31.3 | 22.7 | 15.7 | 10.4 | 6.39 | 3.48 | 2.27 | 1.88 | 1.62 | 1.44 | 1.33 | 1.25 | 1.20 | 1.16 |
| 40 | 35.9 | 33.3 | 28.6 | 23.1 | 18.1 | 13.4 | 8.68 | 4.96 | 2.79 | 2.11 | 1.77 | 1.53 | 1.37 | 1.26 | 1.21 | 1.15 | 1.11 | 1.12 |
| 45 | 24.9 | 23.5 | 20.7 | 17.2 | 13.7 | 10.1 | 6.75 | 4.36 | 2.78 | 2.05 | 1.75 | 1.51 | 1.35 | 1.25 | 1.19 | 1.14 | 1.11 | 1.08 |
| 50 | 13.2 | 11.8 | 10.1 | 8.41 | 6.41 | 3.88 | 2.73 | 2.32 | 2.00 | 1.73 | 1.52 | 1.35 | 1.25 | 1.16 | 1.13 | 1.11 | 1.07 | 1.08 |
| 55 | 8.51 | 7.85 | 6.91 | 5.94 | 4.91 | 3.61 | 2.58 | 2.22 | 1.96 | 1.73 | 1.55 | 1.40 | 1.31 | 1.23 | 1.18 | 1.15 | 1.12 | 1.10 |
| 60 | 3.44 | 3.19 | 2.96 | 2.68 | 2.46 | 2.28 | 2.10 | 1.92 | 1.75 | 1.60 | 1.46 | 1.37 | 1.29 | 1.24 | 1.20 | 1.16 | 1.15 | 1.11 |
| 65 | 2.81 | 2.66 | 2.53 | 2.37 | 2.23 | 2.08 | 1.95 | 1.82 | 1.71 | 1.59 | 1.47 | 1.42 | 1.36 | 1.29 | 1.27 | 1.22 | 1.19 | 1.17 |
| 70 | 2.05 | 2.02 | 1.98 | 1.93 | 1.89 | 1.78 | 1.70 | 1.62 | 1.61 | 1.49 | 1.47 | 1.40 | 1.38 | 1.28 | 1.27 | 1.27 | 1.20 | 1.28 |
| 75 | 1.84 | 1.83 | 1.80 | 1.77 | 1.75 | 1.68 | 1.64 | 1.58 | 1.55 | 1.51 | 1.44 | 1.43 | 1.40 | 1.37 | 1.35 | 1.32 | 1.29 | 1.27 |
| 80 | 1.61 | 1.60 | 1.60 | 1.59 | 1.56 | 1.55 | 1.52 | 1.52 | 1.48 | 1.44 | 1.45 | 1.43 | 1.41 | 1.39 | 1.37 | 1.36 | 1.35 | 1.35 |
| 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:2024-11-06

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: