

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

| | |
|------------------------------------|------------------------|
| Maximum Intensity | 899.9 cd per klm. |
| (Luminaire orientation as tested.) | 0.0 degrees vertical |
| | 0.0 degrees horizontal |

| | | |
|-------------|----------------------------|-----------------|
| Beam Spread | At 10% of I _{max} | 108.9V x 108.8H |
| | At 50% of I _{max} | 60.4V x 61.0H |
| | At 90% of I _{max} | 3.4V x 3.2H |

| | | |
|-----------|----------------------------|------------------------|
| Beam Flux | Total | 1000.1 lumens per klm. |
| | To 10% of I _{max} | 953.8 lumens per klm. |
| | To 50% of I _{max} | 530.9 lumens per klm. |
| | To 90% of I _{max} | 2.0 lumens per klm. |

| | |
|--------------|--------|
| Upward LOR | 0.3 % |
| Downward LOR | 99.7 % |

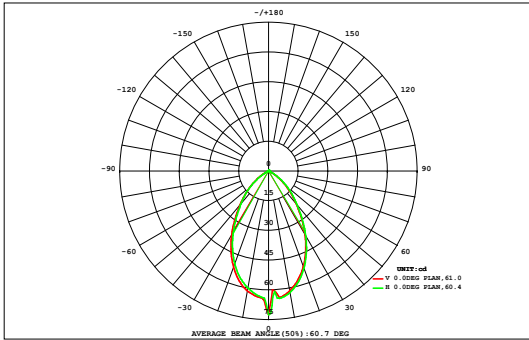
| | |
|--|---------|
| Luminaire Efficiency(Light Output Ratio) | 100.0 % |
|--|---------|

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2022-03-31

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|--------------------------|--------------------------------|
| Test:U:12.04V I:0.4963A P:4.066W PF:0.6805 Freq:59.97Hz Lamp Flux:80.5363x1 lm | | |
| NAME: LED LANDSCAPE LIGHT | TYPE:Aluminum Path Light | WEIGHT: |
| SPEC.:4W 3000K | DIM.: | SERIAL No.:2 |
| MFR.: EVERFINE | SUR.: | Shielding Angle:Min beam angle |



| DATA OF LAMP | | Eff:19.81lm/W | |
|-------------------|----------------|------------------|----------|
| MODEL | A5A4-4W-30K-BK | Imax (cd) | 72.48 |
| NOMINAL POWER (W) | 4 | AVAILABILITY (%) | 95.3 |
| RATED VOLTAGE (V) | 12 | Avai. FLUX (lm) | 76.77 |
| NOMINAL FLUX (lm) | 80.5363 | LOR (%) | 100.0 |
| LAMPS INSIDE | 1 | TOTAL FLUX (lm) | 80.54 |
| TEST VOLTAGE (V) | 12 | θ @50% (H,V) | 61,60DEG |

| VERTICAL (DEG) | AREA FLUX DIAGRAM | | | | | | | | | | | | | | | | UNIT: lm | | Φ t | Φ a |
|----------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | Φ t | Φ a | | |
| 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| 70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.18 | 0.00 |
| 60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.05 | 0.12 | 0.18 | 0.22 | 0.22 | 0.18 | 0.11 | 0.05 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 1.17 | 0.49 |
| 50 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.19 | 0.32 | 0.44 | 0.51 | 0.51 | 0.44 | 0.32 | 0.18 | 0.07 | 0.01 | 0.00 | 0.00 | 0.00 | 3.07 | 2.76 |
| 40 | 0.00 | 0.00 | 0.00 | 0.04 | 0.16 | 0.35 | 0.56 | 0.76 | 0.88 | 0.88 | 0.75 | 0.55 | 0.34 | 0.16 | 0.04 | 0.00 | 0.00 | 0.00 | 5.47 | 5.27 |
| 30 | 0.00 | 0.00 | 0.01 | 0.07 | 0.25 | 0.50 | 0.83 | 1.14 | 1.34 | 1.34 | 1.14 | 0.82 | 0.49 | 0.24 | 0.07 | 0.01 | 0.00 | 0.00 | 8.25 | 8.10 |
| | 0.00 | 0.00 | 0.01 | 0.11 | 0.32 | 0.64 | 1.07 | 1.47 | 1.71 | 1.71 | 1.47 | 1.06 | 0.63 | 0.31 | 0.10 | 0.01 | 0.00 | 0.00 | 10.6 | 10.5 |
| | 0.00 | 0.00 | 0.01 | 0.12 | 0.36 | 0.73 | 1.21 | 1.65 | 1.91 | 1.90 | 1.64 | 1.20 | 0.72 | 0.35 | 0.12 | 0.01 | 0.00 | 0.00 | 11.9 | 11.8 |
| | 0.00 | 0.00 | 0.01 | 0.12 | 0.36 | 0.72 | 1.20 | 1.64 | 1.88 | 1.87 | 1.63 | 1.20 | 0.71 | 0.35 | 0.12 | 0.01 | 0.00 | 0.00 | 11.8 | 11.7 |
| | 0.00 | 0.00 | 0.01 | 0.10 | 0.32 | 0.64 | 1.05 | 1.44 | 1.66 | 1.66 | 1.43 | 1.05 | 0.63 | 0.31 | 0.10 | 0.01 | 0.00 | 0.00 | 10.4 | 10.3 |
| -30 | 0.00 | 0.00 | 0.01 | 0.07 | 0.25 | 0.50 | 0.81 | 1.11 | 1.28 | 1.28 | 1.10 | 0.80 | 0.49 | 0.24 | 0.07 | 0.01 | 0.00 | 0.00 | 8.00 | 7.84 |
| -40 | 0.00 | 0.00 | 0.00 | 0.04 | 0.15 | 0.34 | 0.55 | 0.73 | 0.85 | 0.84 | 0.73 | 0.54 | 0.33 | 0.15 | 0.03 | 0.00 | 0.00 | 0.00 | 5.29 | 5.08 |
| -50 | 0.00 | 0.00 | 0.00 | 0.01 | 0.06 | 0.17 | 0.31 | 0.43 | 0.49 | 0.49 | 0.42 | 0.30 | 0.17 | 0.06 | 0.01 | 0.00 | 0.00 | 0.00 | 2.94 | 2.61 |
| -60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.05 | 0.10 | 0.15 | 0.19 | 0.19 | 0.15 | 0.10 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.34 |
| -70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 |
| -80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 |
| Φ t | 0.00 | 0.00 | 0.08 | 0.71 | 2.33 | 4.89 | 8.15 | 11.2 | 13.0 | 12.9 | 11.1 | 8.08 | 4.80 | 2.26 | 0.67 | 0.07 | 0.00 | 0.00 | 80 | --- |
| Φ a | 0.00 | 0.00 | 0.00 | 0.27 | 2.03 | 4.64 | 7.92 | 11.0 | 12.8 | 12.7 | 10.9 | 7.83 | 4.54 | 1.95 | 0.23 | 0.00 | 0.00 | 0.00 | --- | 77 |

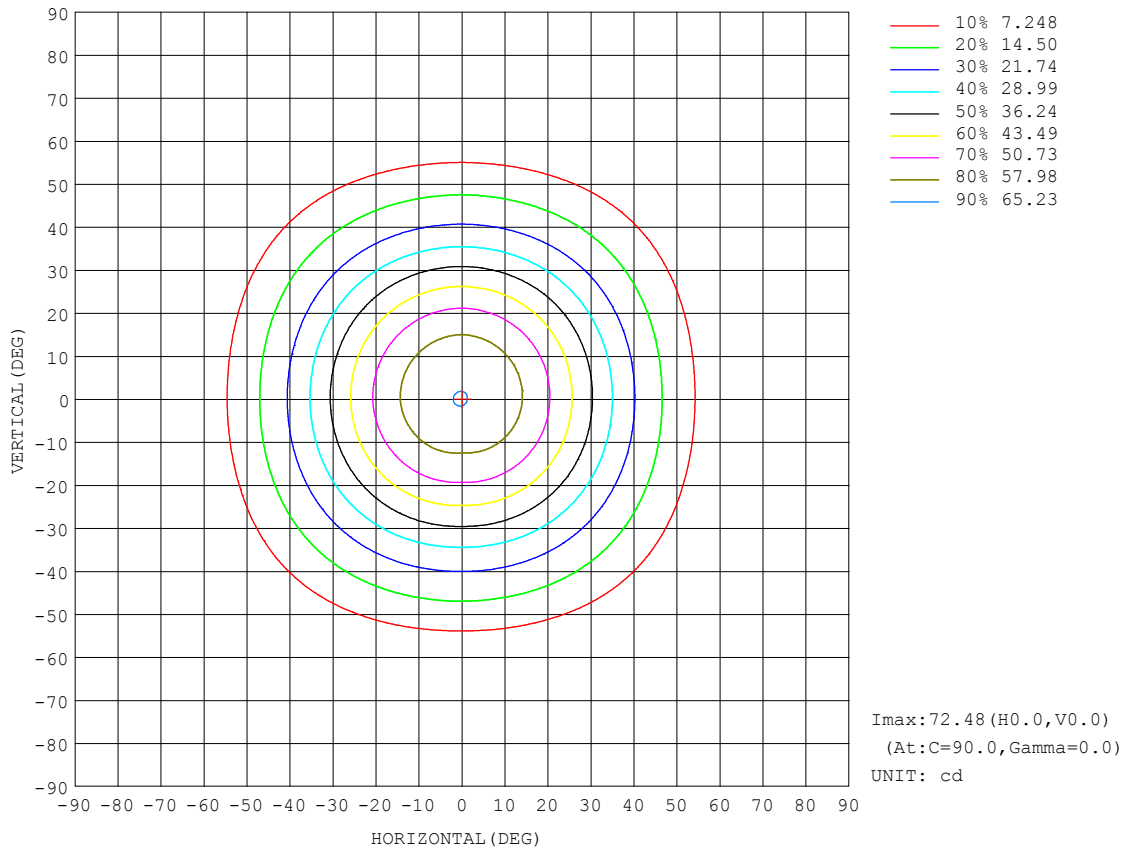
one-half-peak spread: U:29.8,D:26.1 , L:30.9,R:25.6 NEMA Beam Type: Type 6

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2022-03-31

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|--------------------------|--------------------------------|
| Test:U:12.04V I:0.4963A P:4.066W PF:0.6805 Freq:59.97Hz Lamp Flux:80.5363x1 lm | | |
| NAME: LED LANDSCAPE LIGHT | TYPE:Aluminum Path Light | WEIGHT: |
| SPEC.:4W 3000K | DIM.: | SERIAL No.:2 |
| MFR.: EVERFINE | SUR.: | Shielding Angle:Min beam angle |

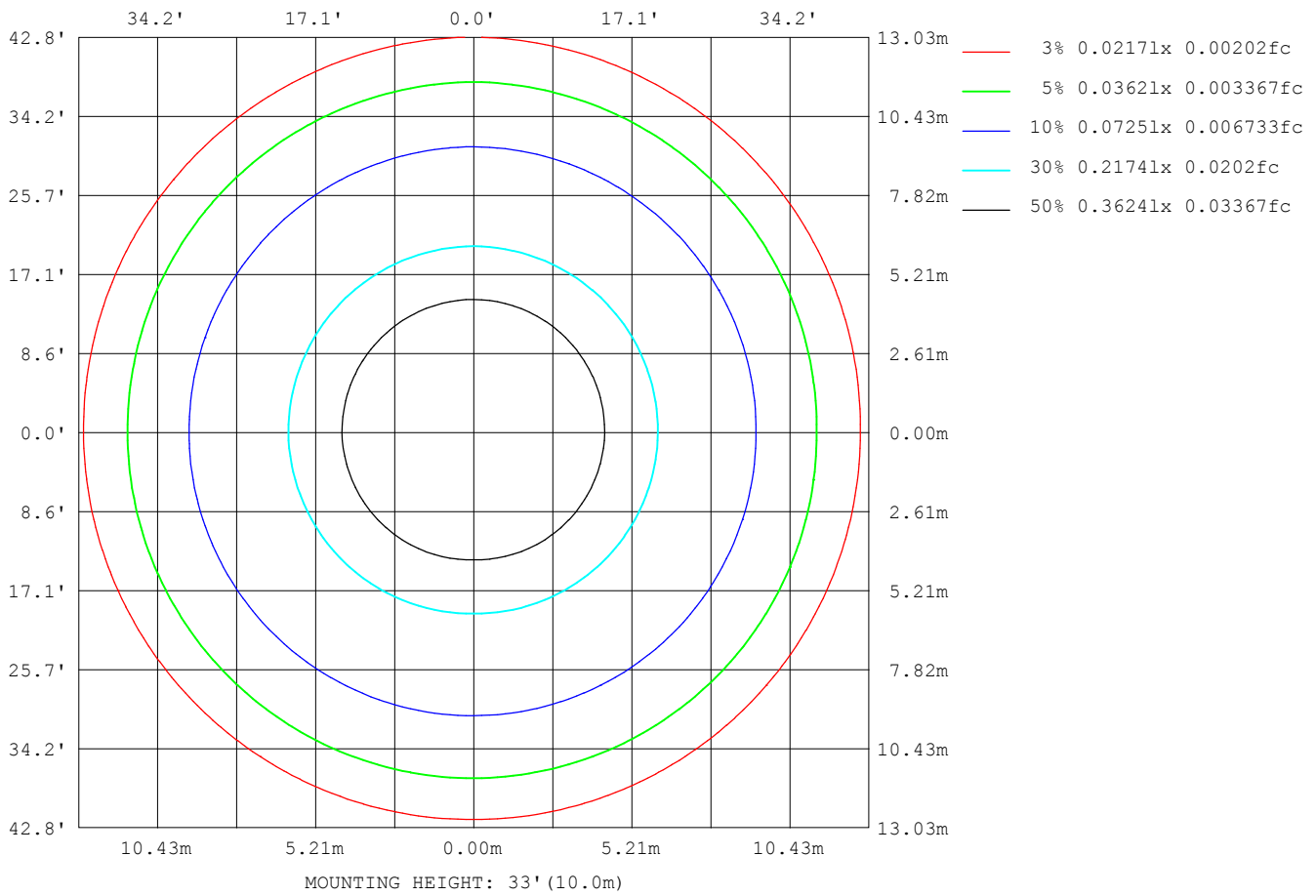


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H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2022-03-31

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

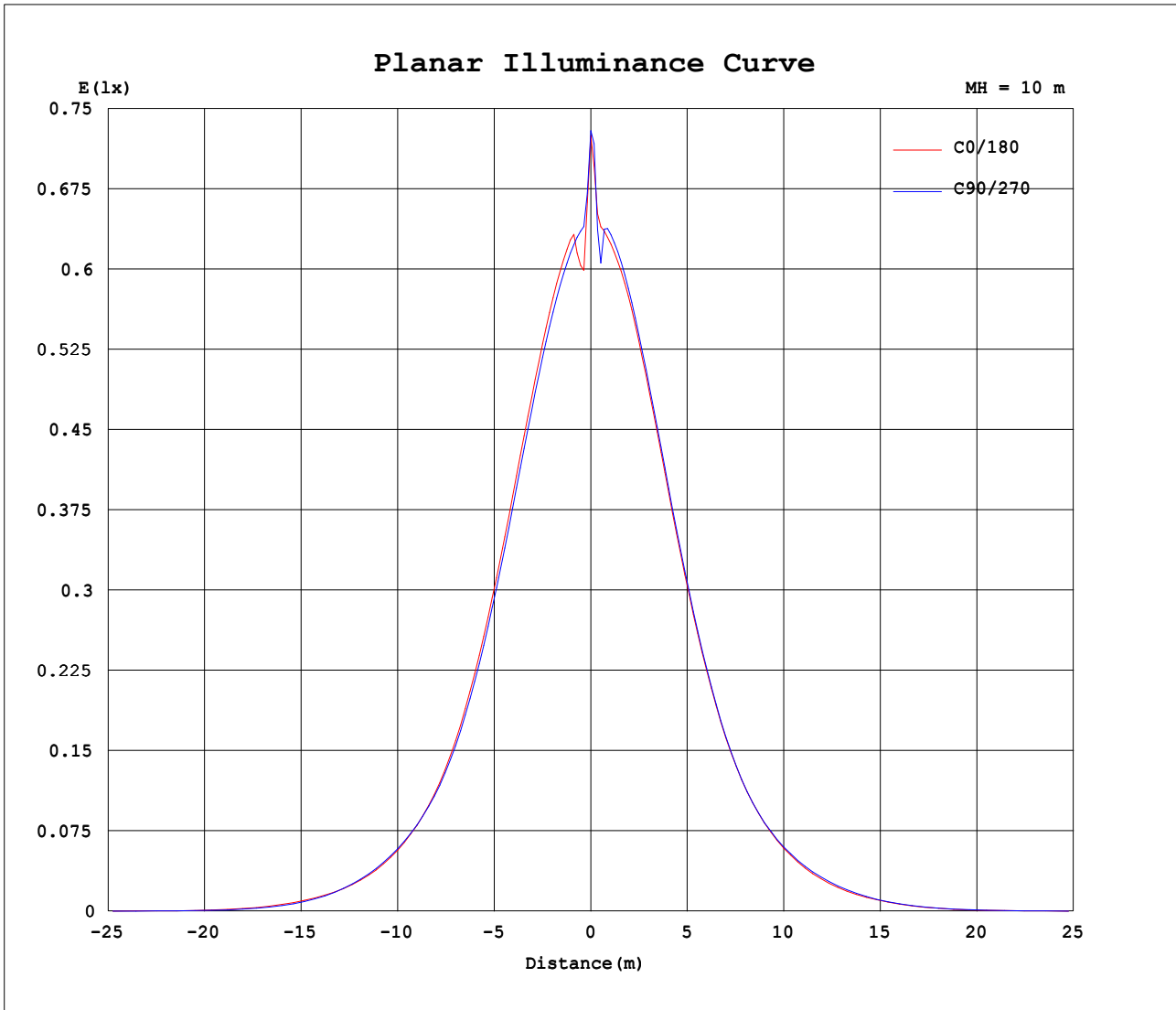
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H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2022-03-31

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V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks:

Planar Illuminance Curve

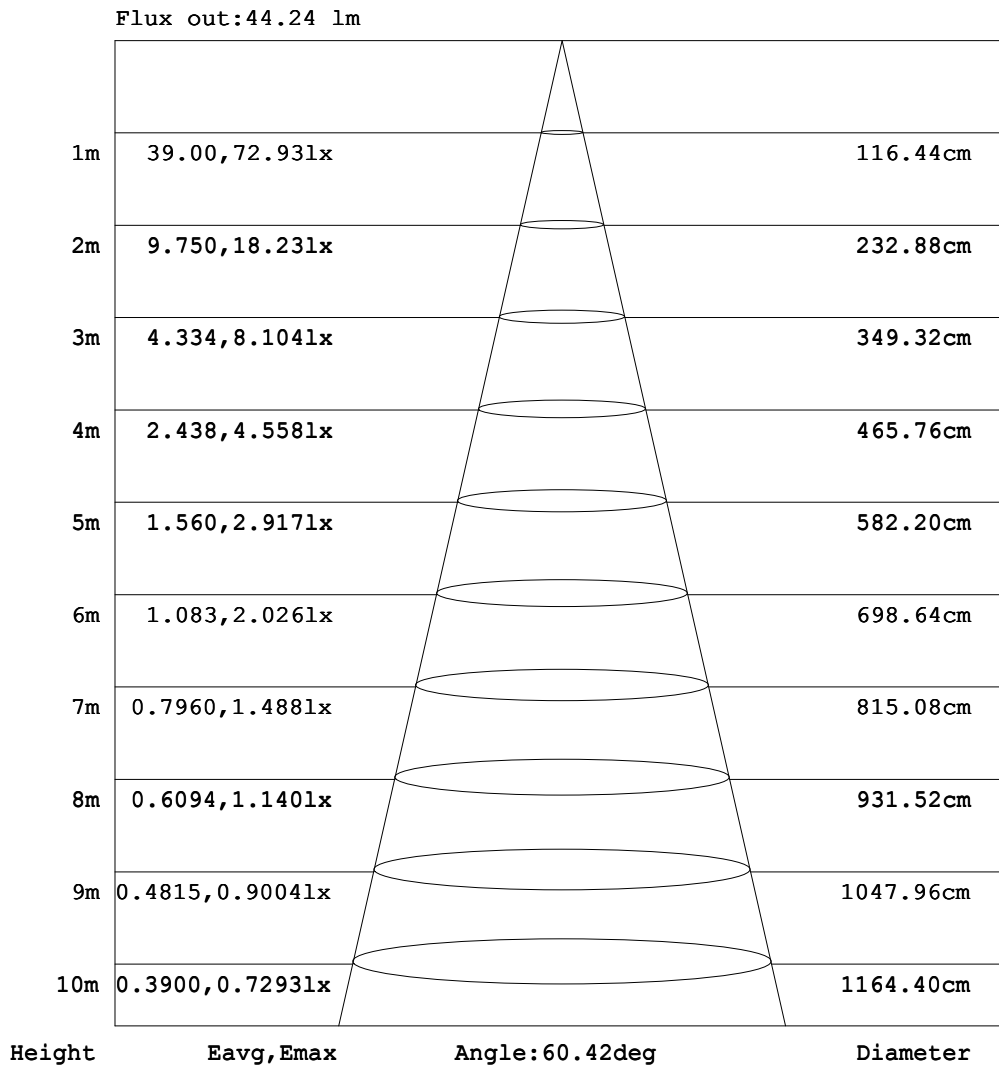


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H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2022-03-31

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|--------------------------|--------------------------------|
| Test:U:12.04V I:0.4963A P:4.066W PF:0.6805 Freq:59.97Hz Lamp Flux:80.5363x1 lm | | |
| NAME: LED LANDSCAPE LIGHT | TYPE:Aluminum Path Light | WEIGHT: |
| SPEC.:4W 3000K | DIM.: | SERIAL No.:2 |
| MFR.: EVERFINE | SUR.: | Shielding Angle:Min beam angle |



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: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2022-03-31

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|--------------------------|--------------------------------|
| Test:U:12.04V I:0.4963A P:4.066W PF:0.6805 Freq:59.97Hz Lamp Flux:80.5363x1 lm | | |
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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 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.08 | 0.14 | 0.20 | 0.25 | 0.30 | 0.34 | 0.33 |
| -170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.04 | 0.08 | 0.15 | 0.20 | 0.24 | 0.29 | 0.31 | 0.33 |
| -160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.06 | 0.10 | 0.16 | 0.21 | 0.24 | 0.27 | 0.28 |
| -150 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.05 | 0.09 | 0.12 | 0.14 | 0.17 | 0.19 |
| -140 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 | 0.06 | 0.06 | 0.07 |
| -130 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -120 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -110 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -100 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 |
| -80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.04 | 0.09 | 0.12 | 0.14 | 0.15 | 0.14 |
| -60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.27 | 0.43 | 0.58 | 0.78 | 1.10 | 1.45 | 1.80 | 2.07 | 2.21 | 2.21 |
| -50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.36 | 0.63 | 1.23 | 2.38 | 3.82 | 5.41 | 6.99 | 8.43 | 9.65 | 10.6 | 11.1 | 11.3 |
| -40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.45 | 0.96 | 2.50 | 4.78 | 7.44 | 10.2 | 13.0 | 15.5 | 17.7 | 19.5 | 20.8 | 21.6 | 21.8 |
| -30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.36 | 0.88 | 2.75 | 5.73 | 9.21 | 13.0 | 16.8 | 20.6 | 24.2 | 27.9 | 31.2 | 33.7 | 35.2 | 35.6 |
| -20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.56 | 1.79 | 4.86 | 8.70 | 13.1 | 17.8 | 22.7 | 28.3 | 34.1 | 39.5 | 44.1 | 47.5 | 49.4 | 49.9 |
| -10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.68 | 2.69 | 6.36 | 10.7 | 15.7 | 21.2 | 27.5 | 34.7 | 41.7 | 48.2 | 53.5 | 57.4 | 59.5 | 60.0 |
| 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.74 | 3.06 | 6.92 | 11.4 | 16.7 | 22.5 | 29.5 | 37.2 | 44.8 | 51.7 | 57.3 | 61.4 | 63.7 | 72.5 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.69 | 2.74 | 6.45 | 10.8 | 15.8 | 21.3 | 27.7 | 35.0 | 42.2 | 48.8 | 54.4 | 58.5 | 61.2 | 62.3 |
| 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.57 | 1.87 | 5.03 | 8.88 | 13.2 | 17.9 | 23.0 | 28.8 | 34.9 | 40.5 | 45.4 | 49.1 | 51.4 | 52.2 |
| 30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.38 | 0.94 | 2.93 | 6.03 | 9.51 | 13.2 | 17.0 | 20.8 | 24.8 | 28.8 | 32.4 | 35.2 | 36.9 | 37.6 |
| 40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.17 | 0.49 | 1.06 | 2.76 | 5.20 | 7.90 | 10.7 | 13.3 | 15.8 | 18.0 | 19.9 | 21.3 | 22.2 | 22.6 |
| 50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.17 | 0.41 | 0.70 | 1.43 | 2.77 | 4.39 | 6.10 | 7.73 | 9.17 | 10.4 | 11.3 | 11.9 | 12.1 |
| 60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.04 | 0.18 | 0.34 | 0.51 | 0.68 | 0.98 | 1.42 | 1.92 | 2.41 | 2.79 | 3.03 | 3.11 |
| 70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.05 | 0.11 | 0.18 | 0.22 | 0.26 | 0.29 | 0.32 | 0.33 |
| 80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 |
| 100 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.03 | 0.04 | 0.05 | 0.05 |
| 160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.05 | 0.11 | 0.15 | 0.15 | 0.15 | 0.14 |
| 170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.06 | 0.12 | 0.16 | 0.19 | 0.26 | 0.28 | 0.30 |
| 180 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.08 | 0.14 | 0.20 | 0.25 | 0.30 | 0.34 | 0.32 |

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2022-03-31

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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| SPEC.:4W 3000K | DIM.: | SERIAL No.:2 |
| MFR.: EVERFINE | SUR.: | Shielding Angle:Min beam angle |

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 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180 | 0.31 | 0.31 | 0.29 | 0.28 | 0.19 | 0.15 | 0.13 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -170 | 0.32 | 0.31 | 0.29 | 0.25 | 0.17 | 0.15 | 0.12 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -160 | 0.28 | 0.26 | 0.23 | 0.18 | 0.15 | 0.13 | 0.05 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -150 | 0.18 | 0.16 | 0.15 | 0.13 | 0.08 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -140 | 0.06 | 0.06 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -130 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -120 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -110 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -100 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 |
| -80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -70 | 0.14 | 0.14 | 0.12 | 0.09 | 0.05 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -60 | 2.19 | 2.04 | 1.76 | 1.40 | 1.04 | 0.73 | 0.57 | 0.42 | 0.27 | 0.13 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -50 | 11.1 | 10.5 | 9.56 | 8.33 | 6.87 | 5.29 | 3.69 | 2.25 | 1.12 | 0.60 | 0.36 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -40 | 21.5 | 20.7 | 19.3 | 17.5 | 15.3 | 12.8 | 10.0 | 7.23 | 4.59 | 2.34 | 0.85 | 0.44 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -30 | 35.2 | 33.6 | 31.1 | 27.7 | 24.0 | 20.3 | 16.5 | 12.7 | 8.93 | 5.50 | 2.56 | 0.78 | 0.35 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| -20 | 49.4 | 47.4 | 43.9 | 39.3 | 33.8 | 27.9 | 22.3 | 17.4 | 12.7 | 8.38 | 4.60 | 1.60 | 0.53 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 |
| -10 | 59.5 | 57.2 | 53.3 | 47.9 | 41.4 | 34.3 | 27.0 | 20.7 | 15.3 | 10.3 | 6.07 | 2.47 | 0.64 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0 | 64.0 | 61.4 | 57.0 | 51.3 | 44.4 | 36.8 | 29.0 | 22.0 | 16.2 | 11.0 | 6.60 | 2.82 | 0.68 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 61.1 | 58.4 | 54.2 | 48.6 | 41.9 | 34.6 | 27.2 | 20.8 | 15.3 | 10.4 | 6.16 | 2.53 | 0.65 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | 51.3 | 48.9 | 45.2 | 40.3 | 34.6 | 28.4 | 22.6 | 17.5 | 12.8 | 8.57 | 4.77 | 1.68 | 0.54 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 36.9 | 35.1 | 32.2 | 28.6 | 24.5 | 20.6 | 16.7 | 12.9 | 9.22 | 5.80 | 2.75 | 0.84 | 0.38 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40 | 22.2 | 21.2 | 19.7 | 17.8 | 15.6 | 13.1 | 10.4 | 7.69 | 5.01 | 2.60 | 0.95 | 0.47 | 0.19 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50 | 11.8 | 11.2 | 10.3 | 9.07 | 7.61 | 5.98 | 4.25 | 2.65 | 1.32 | 0.67 | 0.41 | 0.18 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60 | 3.01 | 2.76 | 2.37 | 1.86 | 1.36 | 0.94 | 0.66 | 0.50 | 0.34 | 0.19 | 0.06 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 70 | 0.31 | 0.29 | 0.26 | 0.22 | 0.18 | 0.12 | 0.06 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 |
| 100 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150 | 0.06 | 0.06 | 0.06 | 0.06 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160 | 0.16 | 0.17 | 0.17 | 0.13 | 0.10 | 0.09 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170 | 0.29 | 0.29 | 0.24 | 0.21 | 0.15 | 0.13 | 0.10 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180 | 0.31 | 0.31 | 0.29 | 0.28 | 0.19 | 0.15 | 0.13 | 0.04 | 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: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2022-03-31

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.352
Humidity:65.0%
Test Distance:13.563m [K=1.0000]
Remarks: