

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

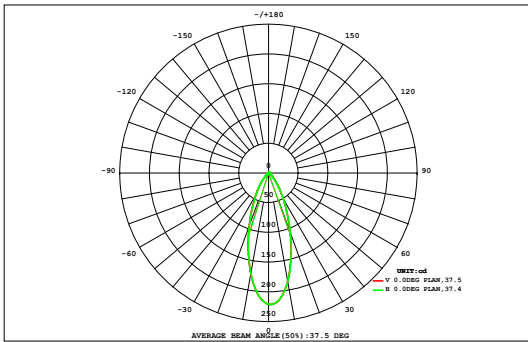
| | | |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Maximum Intensity (Luminaire orientation as tested.) | | 1850.1 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal |
| Beam Spread | At 10% of I _{max} At 50% of I _{max} At 90% of I _{max} | 75.3V x 75.7H 37.4V x 37.5H 14.0V x 14.0H |
| Beam Flux | Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max} | 1000.3 lumens per klm. 880.4 lumens per klm. 449.9 lumens per klm. 84.0 lumens per klm. |
| | Upward LOR Downward LOR | 0.8 % 99.3 % |
| 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:2023-01-02

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:12.02V I:0.3048A P:2.239W PF:0.6110 Freq:59.98Hz Lamp Flux:119.561x1 lm | | |
| NAME: LED LANDSCAPE LIGHT | TYPE:nano 2.5W 12V 2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |



| DATA OF LAMP | | Eff:53.40lm/W | |
|-------------------|----------------|------------------|----------|
| MODEL | N7B1-2.5W-30-A | Imax (cd) | 221.2 |
| NOMINAL POWER (W) | 2.5 | AVAILABILITY (%) | 88.0 |
| RATED VOLTAGE (V) | 12 | Avai. FLUX (lm) | 105.2 |
| NOMINAL FLUX (lm) | 119.561 | LOR (%) | 100.0 |
| LAMPS INSIDE | 1 | TOTAL FLUX (lm) | 119.6 |
| TEST VOLTAGE (V) | 12 | θ @50% (H, V) | 38,37DEG |

| VERTICAL (DEG) | AREA FLUX DIAGRAM | | | | | | | | | | | | | | | | UNIT:lm | | Φ t | Φ a | | |
|----------------|-------------------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|---------|------|------|------|------|------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| 72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 |
| 64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 |
| 56 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.05 | 0.06 | 0.08 | 0.08 | 0.07 | 0.05 | 0.03 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.51 | 0.00 |
| 48 | 0.00 | 0.00 | 0.01 | 0.02 | 0.04 | 0.08 | 0.13 | 0.18 | 0.22 | 0.22 | 0.19 | 0.14 | 0.09 | 0.05 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 1.38 | 0.00 |
| 40 | 0.00 | 0.00 | 0.01 | 0.04 | 0.08 | 0.17 | 0.30 | 0.44 | 0.53 | 0.54 | 0.46 | 0.33 | 0.20 | 0.10 | 0.04 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 3.27 | 1.59 |
| 32 | 0.00 | 0.01 | 0.02 | 0.06 | 0.15 | 0.34 | 0.60 | 0.90 | 1.11 | 1.12 | 0.92 | 0.64 | 0.38 | 0.19 | 0.08 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 6.54 | 5.60 |
| 24 | 0.00 | 0.01 | 0.03 | 0.09 | 0.25 | 0.55 | 1.02 | 1.57 | 2.01 | 2.04 | 1.63 | 1.08 | 0.61 | 0.29 | 0.12 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 11.3 | 10.6 |
| 16 | 0.00 | 0.01 | 0.04 | 0.12 | 0.34 | 0.77 | 1.46 | 2.37 | 3.13 | 3.18 | 2.49 | 1.57 | 0.84 | 0.39 | 0.16 | 0.05 | 0.01 | 0.00 | 0.00 | 0.00 | 16.9 | 16.3 |
| 8 | 0.00 | 0.01 | 0.04 | 0.13 | 0.39 | 0.89 | 1.74 | 2.92 | 3.93 | 4.02 | 3.12 | 1.91 | 0.99 | 0.46 | 0.18 | 0.06 | 0.01 | 0.00 | 0.00 | 0.00 | 20.8 | 20.2 |
| 0 | 0.00 | 0.01 | 0.04 | 0.13 | 0.39 | 0.88 | 1.72 | 2.86 | 3.83 | 3.92 | 3.06 | 1.89 | 0.98 | 0.45 | 0.18 | 0.06 | 0.01 | 0.00 | 0.00 | 0.00 | 20.4 | 19.8 |
| -8 | 0.00 | 0.01 | 0.04 | 0.12 | 0.33 | 0.74 | 1.39 | 2.23 | 2.90 | 2.95 | 2.35 | 1.50 | 0.81 | 0.39 | 0.15 | 0.05 | 0.01 | 0.00 | 0.00 | 0.00 | 16.0 | 15.3 |
| -16 | 0.00 | 0.01 | 0.03 | 0.09 | 0.24 | 0.53 | 0.95 | 1.44 | 1.80 | 1.83 | 1.50 | 1.01 | 0.58 | 0.28 | 0.12 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 10.4 | 9.69 |
| -24 | 0.00 | 0.00 | 0.02 | 0.06 | 0.15 | 0.32 | 0.56 | 0.81 | 0.98 | 0.99 | 0.84 | 0.60 | 0.36 | 0.18 | 0.08 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 5.98 | 4.98 |
| -32 | 0.00 | 0.00 | 0.01 | 0.03 | 0.08 | 0.16 | 0.28 | 0.40 | 0.48 | 0.49 | 0.42 | 0.31 | 0.19 | 0.10 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 3.02 | 1.19 |
| -40 | 0.00 | 0.00 | 0.01 | 0.02 | 0.04 | 0.07 | 0.12 | 0.17 | 0.20 | 0.20 | 0.18 | 0.13 | 0.09 | 0.05 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.00 |
| -48 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 | 0.06 | 0.07 | 0.07 | 0.06 | 0.05 | 0.03 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.46 | 0.00 |
| -56 | 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 | 0.00 | 0.00 | 0.12 | 0.00 |
| -64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 |
| -72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 |
| | -72 | -64 | -56 | -48 | -40 | -32 | -24 | -16 | HORIZONTAL (DEG) | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | | | | | |
| Φ t | 0.01 | 0.07 | 0.29 | 0.91 | 2.51 | 5.58 | 10.4 | 16.5 | 21.3 | 21.7 | 17.3 | 11.2 | 6.19 | 2.97 | 1.21 | 0.39 | 0.09 | 0.01 | 119 | --- | | |
| Φ a | 0.00 | 0.00 | 0.00 | 0.00 | 0.95 | 4.53 | 9.47 | 15.6 | 20.5 | 20.8 | 16.5 | 10.3 | 5.15 | 1.50 | 0.00 | 0.00 | 0.00 | 0.00 | --- | | | 105 |

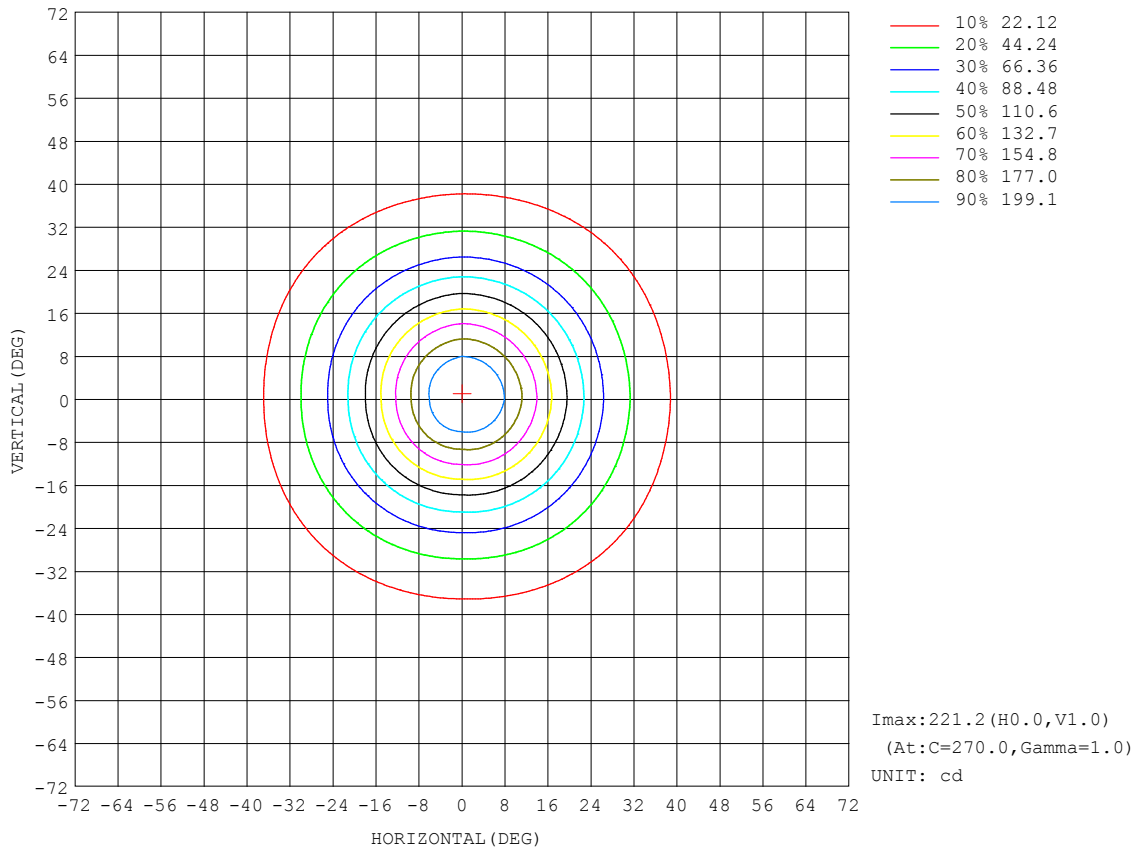
one-half-peak spread: U:18.9,D:18.8 , L:19.1,R:18.7 NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2023-01-02

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:12.02V I:0.3048A P:2.239W PF:0.6110 Freq:59.98Hz Lamp Flux:119.561x1 lm | | |
| NAME: LED LANDSCAPE LIGHT | TYPE:nano 2.5W 12V 2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

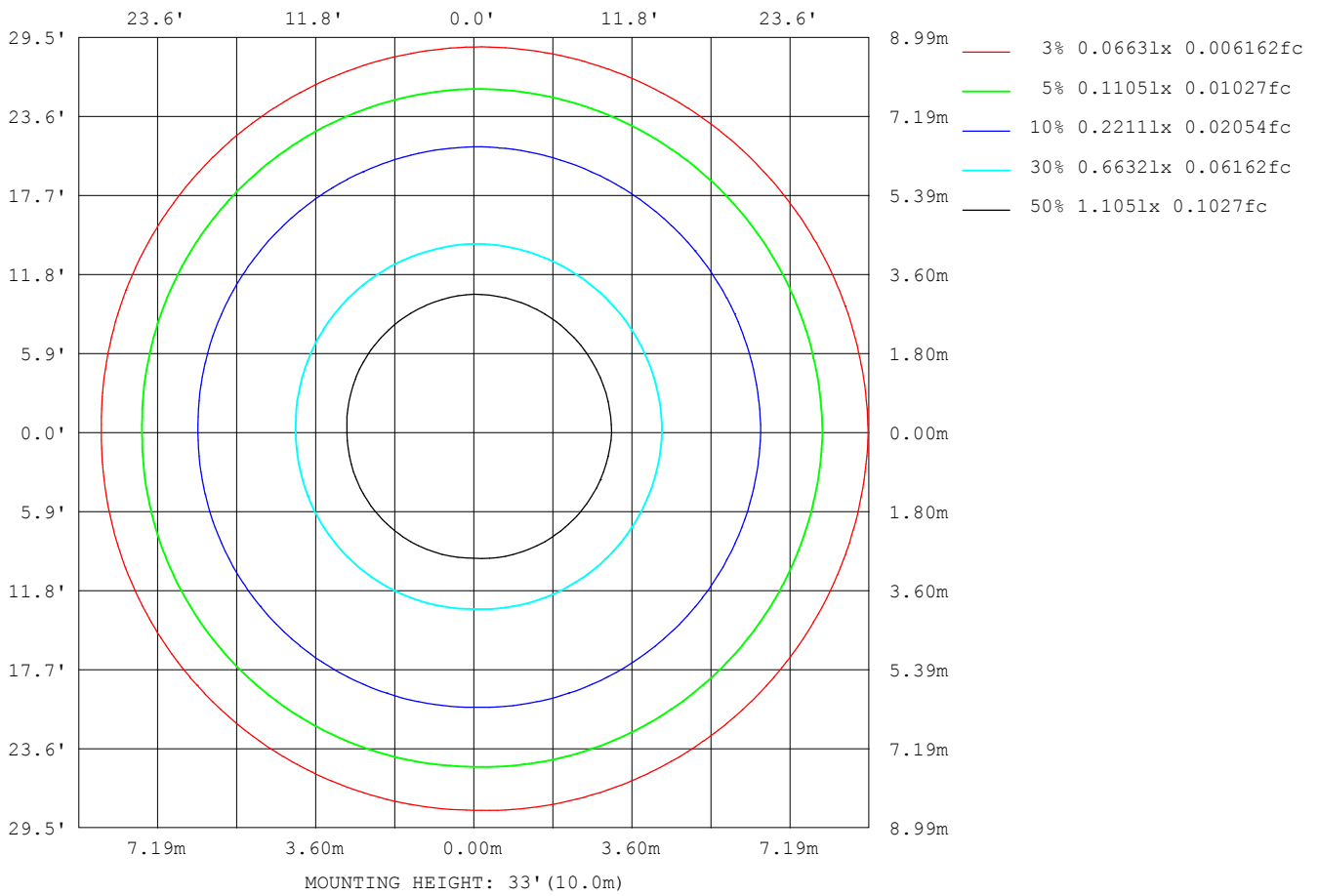


H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2023-01-02

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

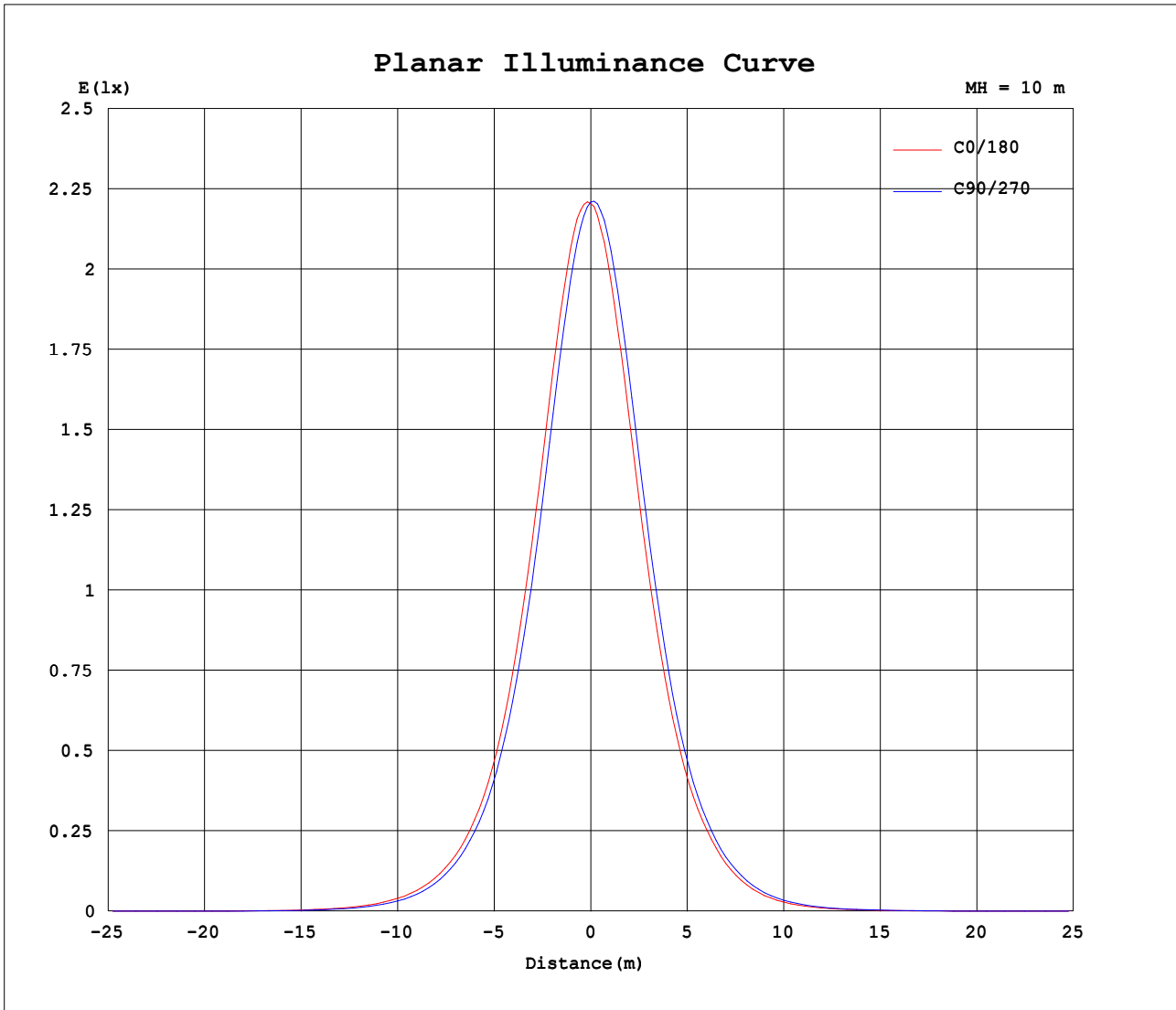
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| SPEC.: | DIM.: | SERIAL No.:1 |
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H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2023-01-02

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:

Planar Illuminance Curve

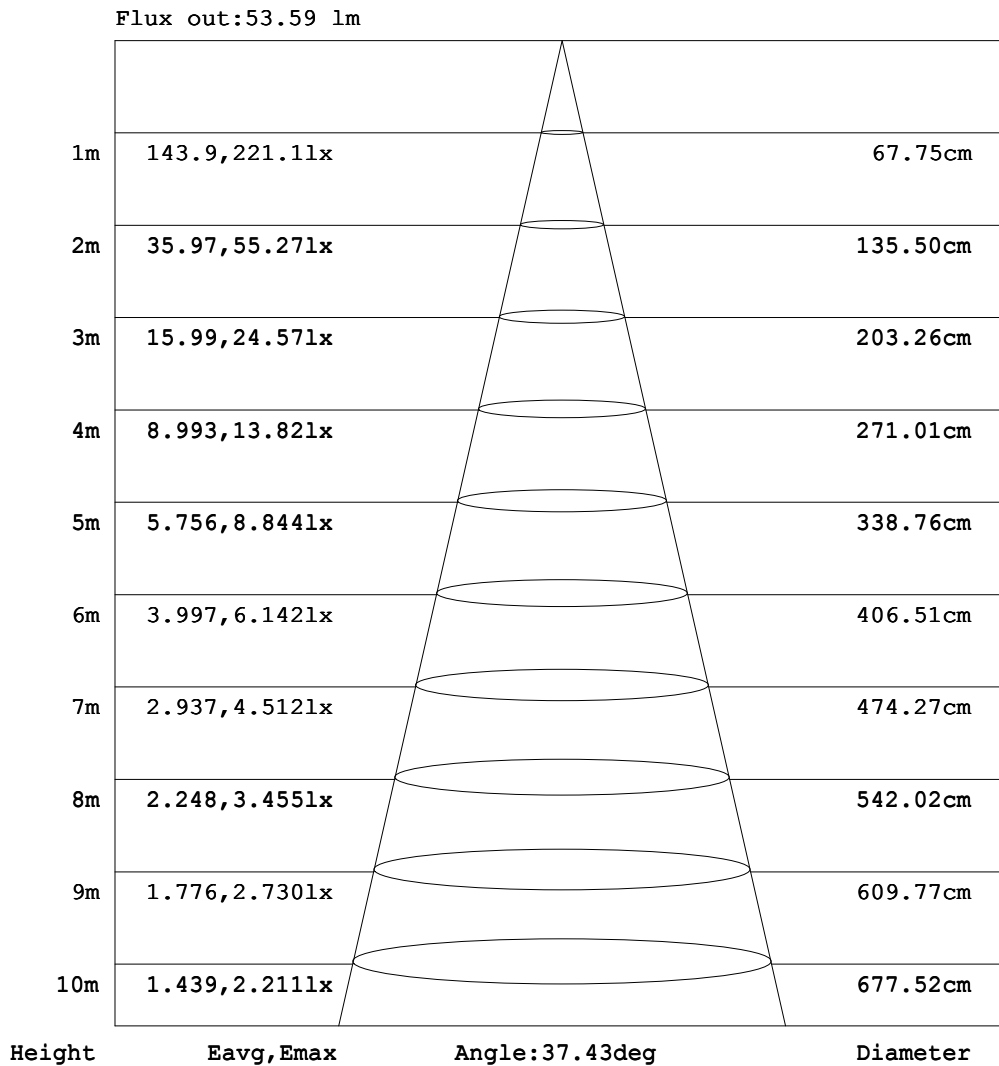


H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2023-01-02

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:12.02V I:0.3048A P:2.239W PF:0.6110 Freq:59.98Hz Lamp Flux:119.561x1 lm | | |
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| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: EVERFINE | SUR.: | Shielding 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:2023-01-02

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:12.02V I:0.3048A P:2.239W PF:0.6110 Freq:59.98Hz Lamp Flux:119.561x1 lm | | |
| NAME: LED LANDSCAPE LIGHT | TYPE:nano 2.5W 12V 2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

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 | 0.06 | 0.22 | 0.41 | 0.62 | 0.80 | 0.96 | 1.08 | 1.20 | 1.23 |
| -170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.05 | 0.23 | 0.41 | 0.60 | 0.78 | 0.94 | 1.06 | 1.15 | 1.21 |
| -160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.13 | 0.29 | 0.46 | 0.62 | 0.77 | 0.89 | 0.96 | 1.01 |
| -150 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.11 | 0.24 | 0.36 | 0.47 | 0.56 | 0.63 | 0.66 |
| -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 | 0.03 | 0.08 | 0.14 | 0.19 | 0.24 | 0.27 |
| -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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.22 | 0.37 | 0.51 | 0.64 | 0.75 | 0.85 | 0.90 | 0.92 |
| -50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.26 | 0.55 | 0.88 | 1.30 | 1.78 | 2.37 | 3.00 | 3.59 | 4.12 | 4.49 | 4.65 |
| -40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.44 | 0.89 | 1.52 | 2.43 | 3.71 | 5.42 | 7.56 | 9.97 | 12.4 | 14.4 | 15.8 | 16.4 |
| -30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.40 | 0.95 | 1.77 | 3.12 | 5.29 | 8.67 | 13.4 | 19.3 | 25.9 | 32.5 | 38.1 | 41.8 | 43.1 |
| -20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.71 | 1.49 | 2.84 | 5.25 | 9.56 | 16.3 | 25.8 | 37.9 | 51.4 | 66.7 | 81.0 | 91.3 | 94.9 |
| -10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.92 | 1.92 | 3.75 | 7.27 | 13.7 | 23.9 | 38.5 | 56.8 | 81.5 | 110 | 140 | 163 | 172 |
| 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 1.00 | 2.08 | 4.09 | 8.06 | 15.4 | 27.2 | 44.0 | 66.2 | 96.1 | 133 | 173 | 205 | 220 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 | 0.93 | 1.95 | 3.79 | 7.33 | 13.9 | 24.3 | 39.5 | 58.7 | 84.6 | 115 | 147 | 173 | 186 |
| 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.74 | 1.54 | 2.90 | 5.35 | 9.76 | 16.8 | 26.9 | 40.0 | 55.1 | 72.0 | 88.8 | 102 | 108 |
| 30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.44 | 1.01 | 1.86 | 3.24 | 5.44 | 8.96 | 14.0 | 20.4 | 27.8 | 35.5 | 42.3 | 47.2 | 49.3 |
| 40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.50 | 0.98 | 1.64 | 2.59 | 3.88 | 5.66 | 7.88 | 10.5 | 13.2 | 15.6 | 17.3 | 18.0 | |
| 50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.33 | 0.65 | 1.01 | 1.47 | 1.99 | 2.61 | 3.24 | 3.89 | 4.43 | 4.84 | 5.03 | |
| 60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.17 | 0.33 | 0.49 | 0.67 | 0.82 | 0.97 | 1.09 | 1.17 | 1.21 |
| 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 | 0.00 | 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 |
| 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 | 0.01 | 0.06 | 0.16 | 0.21 | 0.29 | 0.30 | 0.30 |
| 160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.18 | 0.32 | 0.44 | 0.56 | 0.63 | 0.68 | 0.70 |
| 170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.18 | 0.35 | 0.52 | 0.68 | 0.83 | 0.94 | 1.00 | 1.05 |
| 180 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.22 | 0.41 | 0.62 | 0.80 | 0.96 | 1.08 | 1.20 | 1.21 |

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ADMIN
Test Date:2023-01-02

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:12.02V I:0.3048A P:2.239W PF:0.6110 Freq:59.98Hz Lamp Flux:119.561x1 lm | | |
| NAME: LED LANDSCAPE LIGHT | TYPE:nano 2.5W 12V 2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: EVERFINE | SUR.: | Shielding 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 | 1.20 | 1.13 | 1.05 | 0.92 | 0.76 | 0.60 | 0.34 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -170 | 1.17 | 1.10 | 1.02 | 0.90 | 0.73 | 0.54 | 0.34 | 0.16 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -160 | 0.98 | 0.94 | 0.82 | 0.69 | 0.55 | 0.38 | 0.21 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -150 | 0.65 | 0.60 | 0.51 | 0.41 | 0.31 | 0.18 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -140 | 0.25 | 0.22 | 0.18 | 0.10 | 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 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -60 | 0.92 | 0.87 | 0.79 | 0.68 | 0.54 | 0.41 | 0.26 | 0.15 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -50 | 4.63 | 4.37 | 3.92 | 3.35 | 2.70 | 2.04 | 1.47 | 0.99 | 0.61 | 0.32 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -40 | 16.2 | 15.1 | 13.3 | 11.1 | 8.78 | 6.55 | 4.59 | 3.02 | 1.83 | 1.04 | 0.52 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -30 | 42.4 | 39.1 | 33.9 | 27.7 | 21.4 | 15.6 | 10.7 | 6.88 | 4.11 | 2.23 | 1.12 | 0.49 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -20 | 93.0 | 83.9 | 70.1 | 54.7 | 40.8 | 28.8 | 19.3 | 12.2 | 7.18 | 3.88 | 1.88 | 0.83 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -10 | 167 | 146 | 118 | 88.3 | 62.2 | 42.5 | 27.7 | 17.2 | 10.0 | 5.37 | 2.58 | 1.11 | 0.39 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0 | 214 | 185 | 146 | 107 | 74.0 | 49.2 | 31.7 | 19.6 | 11.4 | 6.07 | 2.90 | 1.24 | 0.44 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 177 | 154 | 123 | 91.5 | 64.1 | 43.5 | 28.2 | 17.4 | 10.1 | 5.40 | 2.61 | 1.13 | 0.40 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | 104 | 91.7 | 75.3 | 58.3 | 42.9 | 29.9 | 19.8 | 12.4 | 7.28 | 3.94 | 1.93 | 0.86 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 47.8 | 43.4 | 36.9 | 29.6 | 22.5 | 16.2 | 11.0 | 7.03 | 4.22 | 2.33 | 1.19 | 0.53 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40 | 17.6 | 16.3 | 14.2 | 11.7 | 9.11 | 6.79 | 4.77 | 3.18 | 1.95 | 1.13 | 0.58 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50 | 4.98 | 4.69 | 4.22 | 3.60 | 2.94 | 2.25 | 1.64 | 1.12 | 0.71 | 0.39 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60 | 1.19 | 1.12 | 1.00 | 0.86 | 0.70 | 0.54 | 0.37 | 0.21 | 0.06 | 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 | 0.00 | 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 | 0.01 | 0.03 | 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 |
| 150 | 0.33 | 0.32 | 0.26 | 0.21 | 0.13 | 0.08 | 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 | 0.70 | 0.68 | 0.61 | 0.51 | 0.41 | 0.26 | 0.13 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170 | 1.02 | 0.98 | 0.91 | 0.80 | 0.65 | 0.47 | 0.29 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180 | 1.20 | 1.13 | 1.05 | 0.92 | 0.76 | 0.60 | 0.34 | 0.15 | 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:2023-01-02

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: