

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

| Maximum Intensity | | 925.0 cd per klm. |
|----------------------|-----------------------|------------------------|
| (Luminaire orientat: | ion as tested.) | 0.0 degrees vertical |
| | | 0.0 degrees horizontal |
| | | |
| | 400 - | 100 5 100 0 |
| Beam Spread | At 10% of Imax | 108.7V x 108.9H |
| | At 50% of Imax | 58.9V x 60.5H |
| | At 90% of Imax | 2.8V x 3.1H |
| | | |
| | | |
| Beam Flux | Total | 1000.1 lumens per klm. |
| | To 10% of Imax | 952.6 lumens per klm. |
| | To 50% of Imax | 510.2 lumens per klm. |
| | To 90% of Imax | 2.1 lumens per klm. |
| | | |
| | | |
| | Upward LOR | 0.3 % |
| | Downward LOR | 99.8 % |
| Luminaire Efficiency | y(Light Output Ratio) | 100.0 % |

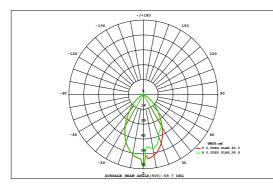
Humidity:65.0%

Test Distance:13.563m [K=1.0000]



LUMINAIRE PHOTOMETRIC TEST REPORT

| Test:U:12.13V I:0.4845A P:4.044W PF:0.6880 Freq | :59.98Hz Lamp Flux:74.9177x1 | . lm | |
|---|------------------------------|----------------------------|----------|
| NAME: LED GARDEN LIGHT | TYPE:Aluminum Path Light | WEIGHT: | |
| SPEC.:4W 12V 2700K | DIM.: | SERIAL No.:2 | |
| MFR.: EVERFINE | SUR.: | Shielding Angle:Minimum be | am angle |



| DATA | OF LAN | MP | Eff:18.53lm/W | | | | | | |
|------------|---------|----------|-----------------|----------|--|--|--|--|--|
| MODEL | A5A2-4 | W-27K-BZ | Imax (cd) | 69.30 | | | | | |
| NOMINAL PO | WER (W) | 4 | AVAILABILITY(%) | 95.2 | | | | | |
| RATED VOLT | AGE (V) | 12 | Avai. FLUX(lm) | 71.31 | | | | | |
| NOMINAL FI | UX (lm) | 74.9177 | LOR (%) | 100.0 | | | | | |
| LAMPS INSI | IDE | 1 | TOTAL FLUX(1m) | 74.92 | | | | | |
| TEST VOLTA | AGE (V) | 12 | θ @50%(H,V) | 61,59DEG | | | | | |

| | | | | | | | | 3.0 | | v D.T.3 | CD 3.14 | | | | | | | . 1 | | |
|----------|------|-------|-------|-------|-------|-------|-------|-------|----------|---------|---------|------|------|------|------|------|------|------|------|------|
| 90 | | | | | | | | AREA | A P.L.U. | X DIA | GRAM | | | | | | UNIT | : 1m | Φt | Фа |
| 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 |
| 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 | 0.01 | 0.00 |
| 60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 |
| 50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.05 | 0.11 | 0.16 | 0.20 | 0.20 | 0.17 | 0.11 | 0.05 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 1.09 | 0.42 |
| 40 | 0.00 | 0.00 | 0.00 | 0.01 | 0.06 | 0.17 | 0.30 | 0.41 | 0.47 | 0.48 | 0.41 | 0.31 | 0.18 | 0.06 | 0.01 | 0.00 | 0.00 | 0.00 | 2.88 | 2.58 |
| 30 | 0.00 | 0.00 | 0.00 | 0.03 | 0.15 | 0.33 | 0.52 | 0.71 | 0.82 | 0.82 | 0.71 | 0.53 | 0.33 | 0.15 | 0.04 | 0.00 | 0.00 | 0.00 | 5.15 | 4.96 |
| | 0.00 | 0.00 | 0.01 | 0.07 | 0.24 | 0.47 | 0.77 | 1.03 | 1.14 | 1.14 | 1.04 | 0.78 | 0.48 | 0.24 | 0.07 | 0.01 | 0.00 | 0.00 | 7.47 | 7.32 |
| (DEG) | 0.00 | 0.00 | 0.01 | 0.10 | 0.30 | 0.60 | 0.98 | 1.28 | 1.46 | 1.47 | 1.30 | 1.00 | 0.61 | 0.31 | 0.10 | 0.01 | 0.00 | 0.00 | 9.52 | 9.40 |
| | 0.00 | 0.00 | 0.01 | 0.11 | 0.34 | 0.67 | 1.11 | 1.50 | 1.67 | 1.67 | 1.52 | 1.14 | 0.69 | 0.35 | 0.12 | 0.01 | 0.00 | 0.00 | 10.9 | 10.8 |
| IC | 0.00 | 0.00 | 0.01 | 0.11 | 0.34 | 0.67 | 1.12 | 1.53 | 1.78 | 1.78 | 1.55 | 1.15 | 0.69 | 0.35 | 0.12 | 0.01 | 0.00 | 0.00 | 11.2 | 11.1 |
| VERTICAL | 0.00 | 0.00 | 0.01 | 0.09 | 0.30 | 0.59 | 0.98 | 1.35 | 1.57 | 1.58 | 1.37 | 1.00 | 0.61 | 0.31 | 0.10 | 0.01 | 0.00 | 0.00 | 9.87 | 9.75 |
| -30 | 0.00 | 0.00 | 0.01 | 0.06 | 0.23 | 0.46 | 0.75 | 1.04 | 1.21 | 1.22 | 1.05 | 0.77 | 0.47 | 0.24 | 0.07 | 0.01 | 0.00 | 0.00 | 7.59 | 7.44 |
| -40 | 0.00 | 0.00 | 0.00 | 0.03 | 0.14 | 0.32 | 0.50 | 0.68 | 0.79 | 0.80 | 0.69 | 0.51 | 0.32 | 0.15 | 0.03 | 0.00 | 0.00 | 0.00 | 4.98 | 4.78 |
| -50 | 0.00 | 0.00 | 0.00 | 0.01 | 0.06 | 0.16 | 0.29 | 0.39 | 0.45 | 0.45 | 0.39 | 0.29 | 0.17 | 0.06 | 0.01 | 0.00 | 0.00 | 0.00 | 2.73 | 2.41 |
| -60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.04 | 0.10 | 0.15 | 0.18 | 0.19 | 0.15 | 0.10 | 0.05 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 1.01 | 0.33 |
| -70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 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 |
| | 90 - | 30 -7 | 70 -6 | 60 -5 | 50 -4 | 10 -3 | 30 -2 | 20 но | RIZON' | ral (D | EG) 2 | 0 3 | 0 4 | 0 5 | 0 6 | 0 7 | 0 8 | 0 9 | 0 | |
| φt | 0.00 | 0.00 | 0.07 | 0.64 | 2.19 | 4.55 | 7.55 | 10.3 | 11.8 | 11.8 | 10.4 | 7.70 | 4.68 | 2.27 | 0.67 | 0.08 | 0.00 | 0.00 | 75 | |
| Фа | 0.00 | 0.00 | 0.00 | 0.23 | 1.90 | 4.31 | 7.32 | 10.0 | 11.6 | 11.6 | 10.2 | 7.47 | 4.43 | 1.98 | 0.27 | 0.00 | 0.00 | 0.00 | | 71 |

one-half-peak spread: U:29.6,D:19.9 , L:30.1,R:25.8 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:2020-11-17 V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.352

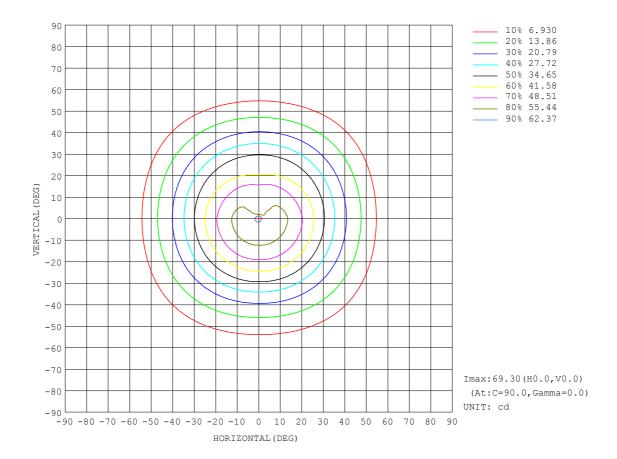
Humidity:65.0%

Test Distance:13.563m [K=1.0000]



ISOCANDELA DIAGRAM

| Test:U:12.13V I:0.4845A P:4.044W PF:0.6880 Freq | :59.98Hz Lamp Flux:74.9177x1 | lm . | |
|---|------------------------------|------------------------------|---------|
| NAME: LED GARDEN LIGHT | TYPE:Aluminum Path Light | WEIGHT: | |
| SPEC.:4W 12V 2700K | DIM.: | SERIAL No.:2 | |
| MFR.: EVERFINE | SUR.: | Shielding Angle:Minimum beam | n angle |



H(β) Range:-90 - 90DEG H(β) Interval: 0.5DEG Test Speed: HIGH Temperature:25.3DEG

Operators:ADMIN
Test Date:2020-11-17

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.352

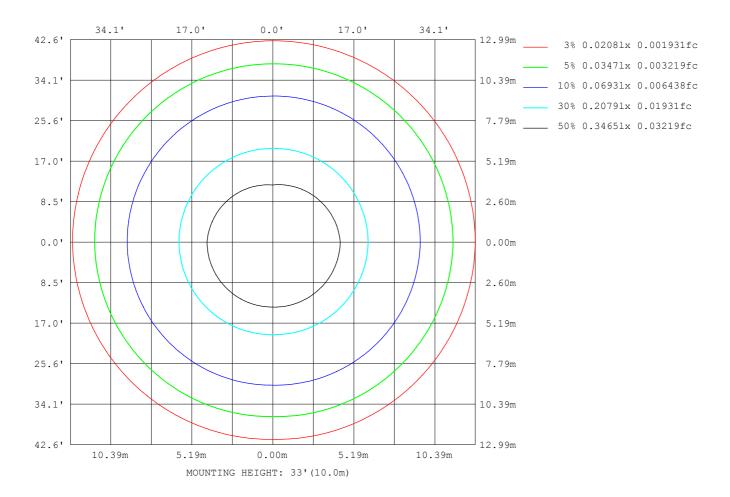
Humidity:65.0%

Test Distance:13.563m [K=1.0000]



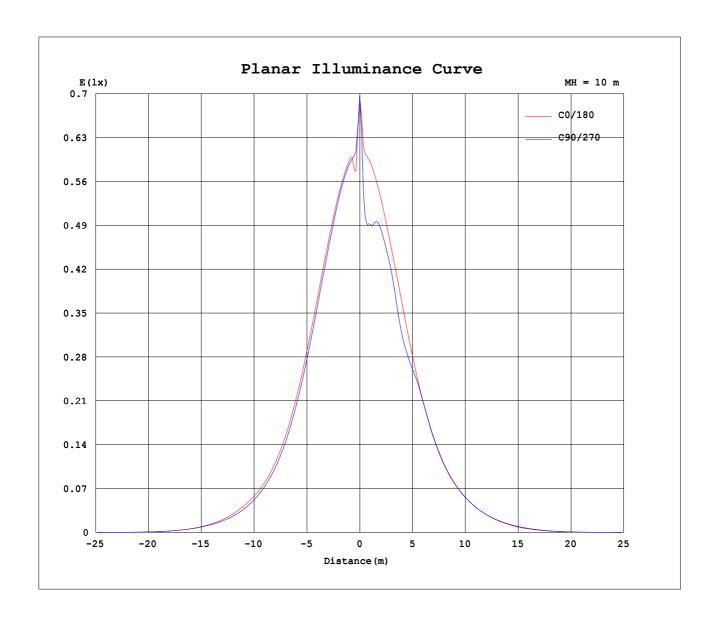
ISOLUX DIAGRAM

| Test:U:12.13V I:0.4845A P:4.044W PF:0.6880 Freq | :59.98Hz Lamp Flux:74.9177x1 | l 1m |
|---|------------------------------|------------------------------------|
| NAME: LED GARDEN LIGHT | TYPE:Aluminum Path Light | WEIGHT: |
| SPEC.:4W 12V 2700K | DIM.: | SERIAL No.:2 |
| MFR.: EVERFINE | SUR.: | Shielding Angle:Minimum beam angle |





Planar Illuminance Curve



Temperature: 25.3DEG Operators:ADMIN Test Date:2020-11-17 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.352

Humidity:65.0%

Test Distance:13.563m [K=1.0000]

H(β) Range:-90 - 90DEG H(β) Interval: 0.5DEG Test Speed: HIGH

V(B) Interval: 0.5DEG



AAI Figure

| Test:U:12.13V I:0.4845A P:4.044W PF:0.6880 Freq | :59.98Hz Lamp Flux:74.9177x1 | 1 lm |
|---|------------------------------|--------------------------------|
| NAME: LED GARDEN LIGHT | TYPE:Aluminum Path Light | WEIGHT: |
| SPEC.:4W 12V 2700K | DIM.: | SERIAL No.:2 |
| MFR.: EVERFINE | SUR.: | Shielding Angle:Minimum beam a |

Flux out:38.67 lm 36.93,69.591x 112.99cm 1m 9.232,17.401x 225.97cm 2m 4.103,7.7331x 3m 338.96cm 2.308,4.3501x 451.94cm 4m 1.477,2.7841x 5m 564.93cm 6m 1.026,1.9331x 677.92cm 0.7536,1.4201x 790.90cm 7m 0.5770,1.0871x 903.89cm 8m 9m 0.4559,0.85921x 1016.88cm 10m 0.3693,0.69591x 1129.86cm Height Eavg, Emax Angle:58.93deg Diameter

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:2020-11-17

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]



LUMINOUS DISTRIBUTION INTENSITY DATA

| Test:U:12.13V I:0.4845A P:4.044W PF:0.6880 Freq | :59.98Hz Lamp Flux:74.9177x1 | l lm |
|---|------------------------------|----------------------------|
| NAME: LED GARDEN LIGHT | TYPE:Aluminum Path Light | WEIGHT: |
| SPEC.:4W 12V 2700K | DIM.: | SERIAL No.:2 |
| MFR.: EVERFINE | SUR.: | Shielding Angle:Minimum be |

UNIT: cd Table--1 H(DEG) -90 -85 -80 -75 -70 -65 -60 -55 -50 -45 -40 -35 -30 -25 -20 -15 -10 -5 ი V (DEG) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.02 0.08 0.12 0.17 0.22 0.27 0.30 0.31 -180 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.08 0.13 0.18 0.22 -170 0.00 0.00 0.00 0.26 0.29 0.31 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.02 -160 0.00 0.00 0.00 0.04 0.09 0.13 0.17 0.21 0.24 0.25 -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 0.04 0.06 0.10 0.13 0.14 0.15 -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 0.01 0.02 0.05 0.06 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 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 0.01 0.05 0.11 0.13 0.16 0.19 0.21 0.00 0.00 0.00 0.00 0.00 0.02 0.13 0.26 0.41 0.58 0.78 1.14 -60 0.00 0.00 1.55 1.99 2.34 0.00 0.00 0.00 0.13 0.33 0.59 1.16 2.28 3.73 5.28 6.70 -50 0.00 0.00 0.14 0.41 0.86 2.26 4.46 7.00 9.54 12.0 14.2 -40 0.00 0.00 16.2 -30 0.00 0.00 0.05 0.32 0.77 2.40 5.26 8.66 12.2 15.6 19.0 22.5 29.3 -20 0.00 0.00 0.13 0.49 1.51 4.29 8.17 12.4 16.6 21.1 26.3 31.9 37.0 41.4 -10 0.00 0.00 0.00 0.19 0.61 2.22 5.74 10.2 14.9 19.7 25.5 32.2 38.9 50.1 54.0 56.5 44.9 57.3 0.00 0.22 0.64 2.48 6.27 11.0 15.8 21.0 27.4 34.5 41.5 47.9 53.3 0 0.00 0.00 60.2 69.3 0.00 0.20 0.61 2.24 5.78 10.3 15.0 19.9 25.7 32.4 38.4 10 0.00 0.00 43.4 48.5 53.0 51.7 12.6 0.00 0.00 0.00 0.00 0.14 0.50 1.54 4.36 8.29 16.9 21.4 26.7 32.2 36.7 40.8 42.0 20 39.1 42.0 0.00 0.00 0.00 0.05 0.33 0.80 2.47 5.38 8.88 12.5 16.0 19.5 23.1 26.8 30.0 32.4 0.00 33.8 34.2 30 2.36 7.27 20.0 0.00 0.00 0.00 0.00 0.15 0.42 0.90 4.62 9.94 12.5 14.8 16.9 18.7 20.9 21.2 40 0.00 2.43 0.00 0.00 0.00 0.00 0.15 0.36 0.62 1.24 3.94 5.56 7.10 9.54 10.4 50 0.00 8.44 10.9 0.61 1.26 2.22 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 0.16 0.30 0.44 0.86 1.75 2.61 60 0.00 2.87 70 0.00 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 0.00 0.00 0.00 0.02 0.07 0.14 0.18 0.22 0.26 0.29 0.30 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 0.00 0.00 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 0.00 110 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 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 0.00 0.01 0.01 0.01 0.01 160 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.04 0.07 0.12 0.14 0.14 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 0.00 0.05 0.09 0.15 0.18 0.20 0.23 0.25 180 $0.00 \mid 0.00 \mid 0.02 \mid 0.08 \mid 0.12 \mid 0.17 \mid 0.22 \mid 0.27 \mid 0.00 \mid$ 0.30

H(β) Range:-90 - 90DEG H(β) Interval: 0.5DEG Test Speed: HIGH Temperature:25.3DEG

Operators:ADMIN
Test Date:2020-11-17

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]



LUMINOUS DISTRIBUTION INTENSITY DATA

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| SPEC.:4W 12V 2700K | DIM.: | SERIAL No.:2 | |
| MFR.: EVERFINE | SUR.: | Shielding Angle:Minimum be | am angl |

1e

| \(\frac{\text{V(DEG)}}{\text{V(DEG)}}\) 5 \ 10 \ 15 \ 20 \ 25 \ 30 \ 35 \ 40 \ 45 \ 50 \ 55 \ 60 \ 65 \ 70 \ 75 \ 80 \ 85 \ 90 \\\ \(\frac{\text{V(DEG)}}{\text{V(DEG)}}\) 5 \ 10 \ 10 \ 28 \ 0.28 \ 0.19 \ 0.14 \ 0.11 \ 0.08 \ 0.00 \ 0 | Table2 | | | | | | | | | | | | | | | | UNI | T: cd | | |
|--|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|--|
| -180 | H (DEG) | | | | | | | | | | | | | | | | | | | |
| | V (DEG) | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | |
| | -180 | 0.28 | 0.28 | 0.28 | 0.19 | 0.14 | 0.11 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| -150 | -170 | 0.30 | 0.28 | 0.24 | 0.19 | 0.15 | 0.12 | 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 | -160 | 0.24 | 0.21 | 0.18 | 0.16 | 0.13 | 0.07 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| -130 | -150 | 0.15 | 0.14 | 0.12 | 0.08 | 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 | |
| -120 | -140 | 0.05 | 0.02 | 0.01 | 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 | |
| -110 | -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 | |
| -100 | -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 | |
| -90 | -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 | |
| -80 | -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 | |
| -70 | -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 | |
| -60 | -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 | |
| -50 | -70 | 0.21 | 0.20 | 0.17 | 0.15 | 0.12 | 0.07 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| -40 | -60 | 2.59 | 2.37 | 2.01 | 1.59 | 1.18 | 0.83 | 0.61 | 0.45 | 0.32 | 0.16 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| -30 | -50 | 10.1 | 9.69 | 9.01 | 8.04 | 6.83 | 5.41 | 3.84 | 2.38 | 1.24 | 0.65 | 0.40 | 0.17 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| -20 | -40 | 20.0 | 19.2 | 18.0 | 16.4 | 14.4 | 12.2 | 9.80 | 7.23 | 4.63 | 2.38 | 0.97 | 0.48 | 0.18 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | |
| -10 | -30 | 33.4 | 32.0 | 29.6 | 26.5 | 22.9 | 19.4 | 16.0 | 12.5 | 8.98 | 5.49 | 2.55 | 0.88 | 0.41 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 0 60.5 58.0 54.2 49.0 42.6 35.6 28.3 21.7 16.4 11.5 6.63 2.68 0.76 0.30 0.00 0.00 0.00 0.00 0.00 10 53.2 52.3 49.2 44.2 39.3 33.2 26.4 20.5 15.5 10.7 6.08 2.41 0.71 0.27 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | -20 | 47.0 | 45.1 | 41.9 | 37.6 | 32.5 | 26.9 | 21.6 | 17.1 | 12.8 | 8.53 | 4.51 | 1.65 | 0.57 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 10 | -10 | 56.7 | 54.4 | 50.8 | 45.8 | 39.7 | 33.1 | 26.3 | 20.3 | 15.4 | 10.7 | 6.04 | 2.39 | 0.70 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 20 | 0 | 60.5 | 58.0 | 54.2 | 49.0 | 42.6 | 35.6 | 28.3 | 21.7 | 16.4 | 11.5 | 6.63 | 2.68 | 0.76 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 30 | 10 | 53.2 | 52.3 | 49.2 | 44.2 | 39.3 | 33.2 | 26.4 | 20.5 | 15.5 | 10.7 | 6.08 | 2.41 | 0.71 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 40 | 20 | 42.2 | 41.2 | 39.6 | 37.3 | 32.8 | 27.3 | 21.9 | 17.4 | 13.0 | 8.66 | 4.58 | 1.69 | 0.57 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 50 10.9 10.4 9.64 8.56 7.23 5.68 4.05 2.52 1.32 0.68 0.43 0.19 0.02 0.00 0 | 30 | 33.9 | 32.6 | 30.3 | 27.1 | 23.5 | 19.9 | 16.4 | 12.9 | 9.21 | 5.61 | 2.62 | 0.91 | 0.42 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 60 | 40 | 21.0 | 20.1 | 18.8 | 17.1 | 15.1 | 12.8 | 10.2 | 7.50 | 4.79 | 2.48 | 1.00 | 0.50 | 0.20 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 70 | 50 | 10.9 | 10.4 | 9.64 | 8.56 | 7.23 | 5.68 | 4.05 | 2.52 | 1.32 | 0.68 | 0.43 | 0.19 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 80 | 60 | 2.88 | 2.63 | 2.25 | 1.79 | 1.30 | 0.91 | 0.65 | 0.49 | 0.35 | 0.19 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 90 | 70 | 0.29 | 0.27 | 0.23 | 0.19 | 0.14 | 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 | |
| 100 | 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 | |
| 110 | 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 | |
| 120 | 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 | |
| 130 | 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 | |
| 140 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 | |
| 150 | 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 | |
| 160 0.15 0.14 0.12 0.10 0.07 0.04 0.00 0.00 0.00 0.00 0.00 0.0 | 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 | |
| 160 0.15 0.14 0.12 0.10 0.07 0.04 0.00 0.00 0.00 0.00 0.00 0.0 | 150 | 0.02 | 0.02 | 0.03 | 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 | 0.00 | 0.00 | |
| 170 0.24 0.23 0.20 0.16 0.12 0.09 0.03 0.00 0.00 0.00 0.00 0.00 0.00 | 160 | 0.15 | 0.14 | 0.12 | 0.10 | 0.07 | | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | | | | | | | | | | | | | | | | | | | |
| | 180 | | 0.28 | 0.28 | 0.19 | 0.14 | 0.11 | 0.08 | 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:2020-11-17 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.352

Humidity:65.0%

Test Distance:13.563m [K=1.0000]

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG