

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

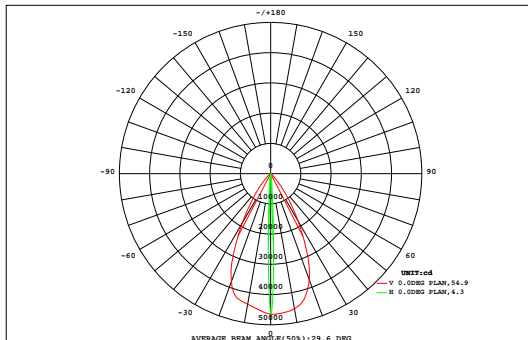
|  |                            |                        |
|--|----------------------------|------------------------|
| Maximum Intensity                        |                            | 7762.8 cd per klm.     |
| (Luminaire orientation as tested.)       |                            | 0.0 degrees vertical   |
|  |                            | 2.0 degrees horizontal |
| Beam Spread                              | At 10% of I <sub>max</sub> | 11.0V x 81.3H          |
|  | At 50% of I <sub>max</sub> | 4.2V x 54.9H           |
|  | At 90% of I <sub>max</sub> | 1.3V x 32.6H           |
| Beam Flux                                | Total                      | 1002.1 lumens per klm. |
|  | To 10% of I <sub>max</sub> | 732.6 lumens per klm.  |
|  | To 50% of I <sub>max</sub> | 461.1 lumens per klm.  |
|  | To 90% of I <sub>max</sub> | 170.6 lumens per klm.  |
|  | Upward LOR                 | 0.0 %                  |
|  | Downward LOR               | 100.2 %                |
| Luminaire Efficiency(Light Output Ratio) |                            | 100.0 %                |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: MEDIUM  
Temperature:30DEG  
Operators:Simon  
Test Date:2020-08-03

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.417  
Humidity:65.0%  
Test Distance:11.510m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

|  |                |                  |
|--|----------------|------------------|
| Test:U:220.75V I:0.5021A P:107.33W PF:0.9683 Freq:50.01Hz Lamp Flux:5994.87x1 lm |                |                  |
| NAME: ProPoint Vista 1x100W_3000K_50x5D  | TYPE:Projector | WEIGHT:          |
| SPEC.:   | DIM.:          | SERIAL No.:1     |
| MFR.: Traxon Technologies  | SUR.:          | Shielding Angle: |



| DATA OF LAMP     |               | Eff:55.85lm/W   |         |
|------------------|---------------|-----------------|---------|
| MODEL LED        | 3000K/CRI>=80 | Imax(cd)        | 46537   |
| NOMINAL POWER(W) | 100           | AVAILABILITY(%) | 72.9    |
| RATED VOLTAGE(V) | AC 220        | Avai. FLUX(lm)  | 4370    |
| NOMINAL FLUX(lm) | 5994.87       | LOR(%)          | 100.0   |
| LAMPS INSIDE     | 1             | TOTAL FLUX(lm)  | 5995    |
| TEST VOLTAGE(V)  | AC 220        | θ @50%(H,V)     | 55,4DEG |

| VERTICAL( DEG ) | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | UNIT:lm |      | Φ t  | Φ a  |
|-----------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|------|------|
|                 | 0.02              | 0.05 | 0.10 | 0.14 | 0.19 | 0.25 | 0.33 | 0.44 | 0.51 | 0.50 | 0.43 | 0.34 | 0.26 | 0.20 | 0.15 | 0.10 | 0.06    | 0.02 | 4.10 | 0.00 |
| 90              | 0.02              | 0.05 | 0.10 | 0.14 | 0.19 | 0.25 | 0.33 | 0.44 | 0.51 | 0.50 | 0.43 | 0.34 | 0.26 | 0.20 | 0.15 | 0.10 | 0.06    | 0.02 | 4.10 | 0.00 |
| 80              | 0.02              | 0.08 | 0.16 | 0.24 | 0.31 | 0.38 | 0.43 | 0.47 | 0.48 | 0.49 | 0.48 | 0.44 | 0.39 | 0.33 | 0.25 | 0.16 | 0.09    | 0.03 | 5.22 | 0.00 |
| 70              | 0.03              | 0.12 | 0.25 | 0.40 | 0.51 | 0.56 | 0.55 | 0.58 | 0.62 | 0.63 | 0.60 | 0.58 | 0.58 | 0.53 | 0.42 | 0.26 | 0.13    | 0.04 | 7.38 | 0.00 |
| 60              | 0.03              | 0.17 | 0.38 | 0.64 | 0.86 | 0.94 | 0.90 | 0.89 | 0.89 | 0.91 | 0.93 | 0.95 | 0.97 | 0.88 | 0.66 | 0.39 | 0.18    | 0.04 | 11.6 | 0.00 |
| 50              | 0.04              | 0.24 | 0.54 | 0.99 | 1.45 | 1.74 | 1.83 | 1.80 | 1.77 | 1.79 | 1.86 | 1.90 | 1.78 | 1.47 | 1.01 | 0.55 | 0.26    | 0.05 | 21.1 | 0.00 |
| 40              | 0.05              | 0.34 | 0.77 | 1.52 | 2.53 | 3.49 | 3.97 | 4.09 | 4.08 | 4.13 | 4.21 | 4.11 | 3.57 | 2.55 | 1.53 | 0.78 | 0.36    | 0.06 | 42.1 | 0.00 |
| 30              | 0.06              | 0.45 | 1.16 | 2.33 | 4.68 | 7.66 | 10.1 | 11.2 | 11.4 | 11.6 | 11.5 | 10.4 | 7.83 | 4.65 | 2.31 | 1.18 | 0.48    | 0.07 | 99.0 | 0.00 |
| 20              | 0.07              | 0.56 | 1.69 | 4.35 | 10.9 | 18.3 | 28.1 | 33.6 | 36.1 | 36.3 | 34.1 | 28.4 | 18.3 | 9.95 | 3.94 | 1.69 | 0.60    | 0.08 | 267  | 0.00 |
| 10              | 0.07              | 0.66 | 2.24 | 7.79 | 40.5 | 152  | 314  | 387  | 416  | 402  | 382  | 307  | 146  | 33.4 | 6.42 | 2.20 | 0.71    | 0.09 | 2600 | 2261 |
| 0               | 0.07              | 0.67 | 2.25 | 7.81 | 40.6 | 152  | 312  | 371  | 374  | 360  | 361  | 304  | 146  | 33.4 | 6.43 | 2.20 | 0.71    | 0.09 | 2475 | 2109 |
| -10             | 0.07              | 0.57 | 1.73 | 4.42 | 11.0 | 18.5 | 28.0 | 33.6 | 35.7 | 35.8 | 33.8 | 28.0 | 18.3 | 9.98 | 3.97 | 1.70 | 0.61    | 0.08 | 266  | 0.00 |
| -20             | 0.06              | 0.47 | 1.22 | 2.43 | 4.77 | 7.74 | 9.98 | 11.0 | 11.1 | 11.2 | 11.1 | 10.2 | 7.81 | 4.65 | 2.34 | 1.20 | 0.49    | 0.08 | 97.8 | 0.00 |
| -30             | 0.05              | 0.37 | 0.84 | 1.63 | 2.62 | 3.57 | 4.00 | 4.05 | 4.01 | 4.04 | 4.16 | 4.12 | 3.59 | 2.55 | 1.56 | 0.82 | 0.38    | 0.07 | 42.4 | 0.00 |
| -40             | 0.05              | 0.28 | 0.62 | 1.10 | 1.56 | 1.83 | 1.89 | 1.84 | 1.81 | 1.84 | 1.94 | 1.98 | 1.84 | 1.49 | 1.03 | 0.59 | 0.28    | 0.06 | 22.0 | 0.00 |
| -50             | 0.04              | 0.21 | 0.47 | 0.76 | 0.98 | 1.06 | 1.02 | 1.01 | 1.02 | 1.04 | 1.05 | 1.04 | 1.02 | 0.91 | 0.69 | 0.43 | 0.21    | 0.05 | 13.0 | 0.00 |
| -60             | 0.03              | 0.16 | 0.34 | 0.53 | 0.65 | 0.71 | 0.70 | 0.72 | 0.76 | 0.76 | 0.70 | 0.64 | 0.63 | 0.58 | 0.46 | 0.31 | 0.15    | 0.04 | 8.87 | 0.00 |
| -70             | 0.03              | 0.12 | 0.24 | 0.37 | 0.47 | 0.53 | 0.58 | 0.63 | 0.64 | 0.62 | 0.57 | 0.50 | 0.45 | 0.39 | 0.32 | 0.22 | 0.12    | 0.03 | 6.82 | 0.00 |
| -80             | 0.02              | 0.10 | 0.18 | 0.26 | 0.33 | 0.40 | 0.45 | 0.48 | 0.50 | 0.49 | 0.46 | 0.40 | 0.35 | 0.29 | 0.23 | 0.16 | 0.09    | 0.03 | 5.20 | 0.00 |
| -90             | 0.02              | 0.10 | 0.18 | 0.26 | 0.33 | 0.40 | 0.45 | 0.48 | 0.50 | 0.49 | 0.46 | 0.40 | 0.35 | 0.29 | 0.23 | 0.16 | 0.09    | 0.03 | 5.20 | 0.00 |
|                 | -90               | -80  | -70  | -60  | -50  | -40  | -30  | -20  | -10  | 0    | 10   | 20   | 30   | 40   | 50   | 60   | 70      | 80   | 90   |      |
| Φ t             | 0.81              | 5.61 | 15.2 | 37.7 | 125  | 373  | 720  | 864  | 902  | 874  | 850  | 705  | 359  | 108  | 33.7 | 14.9 | 5.93    | 1.02 | 5995 | ---  |
| Φ a             | 0.00              | 0.00 | 0.00 | 0.00 | 2.30 | 245  | 580  | 687  | 712  | 681  | 672  | 566  | 225  | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | ---  | 4370 |

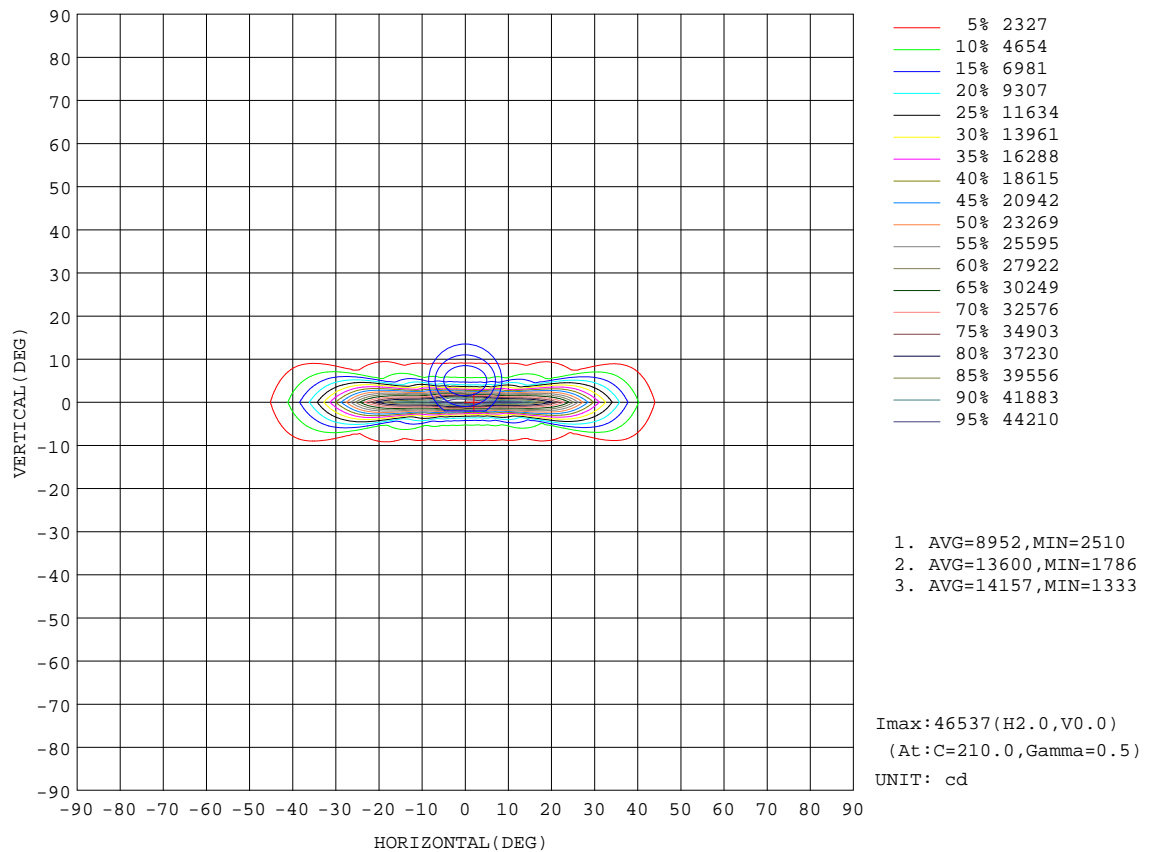
one-half-peak spread: U:1.9,D:2.3 , L:28.2,R:25.NEMA Beam Type: Type 5 x 1 (H x V)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: MEDIUM  
 Temperature:30DEG  
 Operators:Simon  
 Test Date:2020-08-03

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.417  
 Humidity:65.0%  
 Test Distance:11.510m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

|  |                |                  |
|--|----------------|------------------|
| Test:U:220.75V I:0.5021A P:107.33W PF:0.9683 Freq:50.01Hz Lamp Flux:5994.87x1 lm |                |                  |
| NAME: ProPoint Vista 1x100W_3000K_50x5D  | TYPE:Projector | WEIGHT:          |
| SPEC.:   | DIM.:          | SERIAL No.:1     |
| MFR.: Traxon Technologies  | SUR.:          | Shielding Angle: |

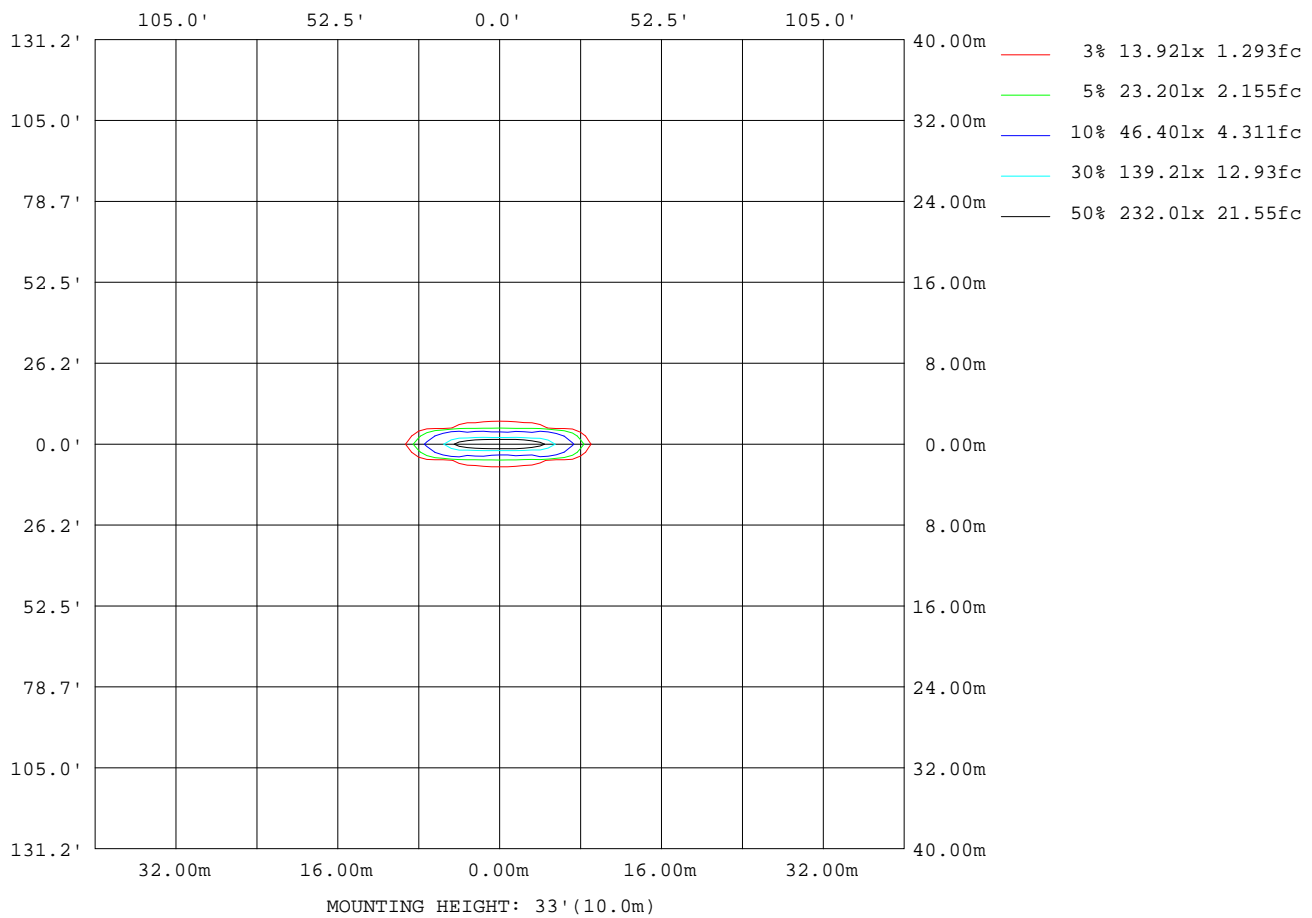


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: MEDIUM  
Temperature:30DEG  
Operators:Simon  
Test Date:2020-08-03

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.417  
Humidity:65.0%  
Test Distance:11.510m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

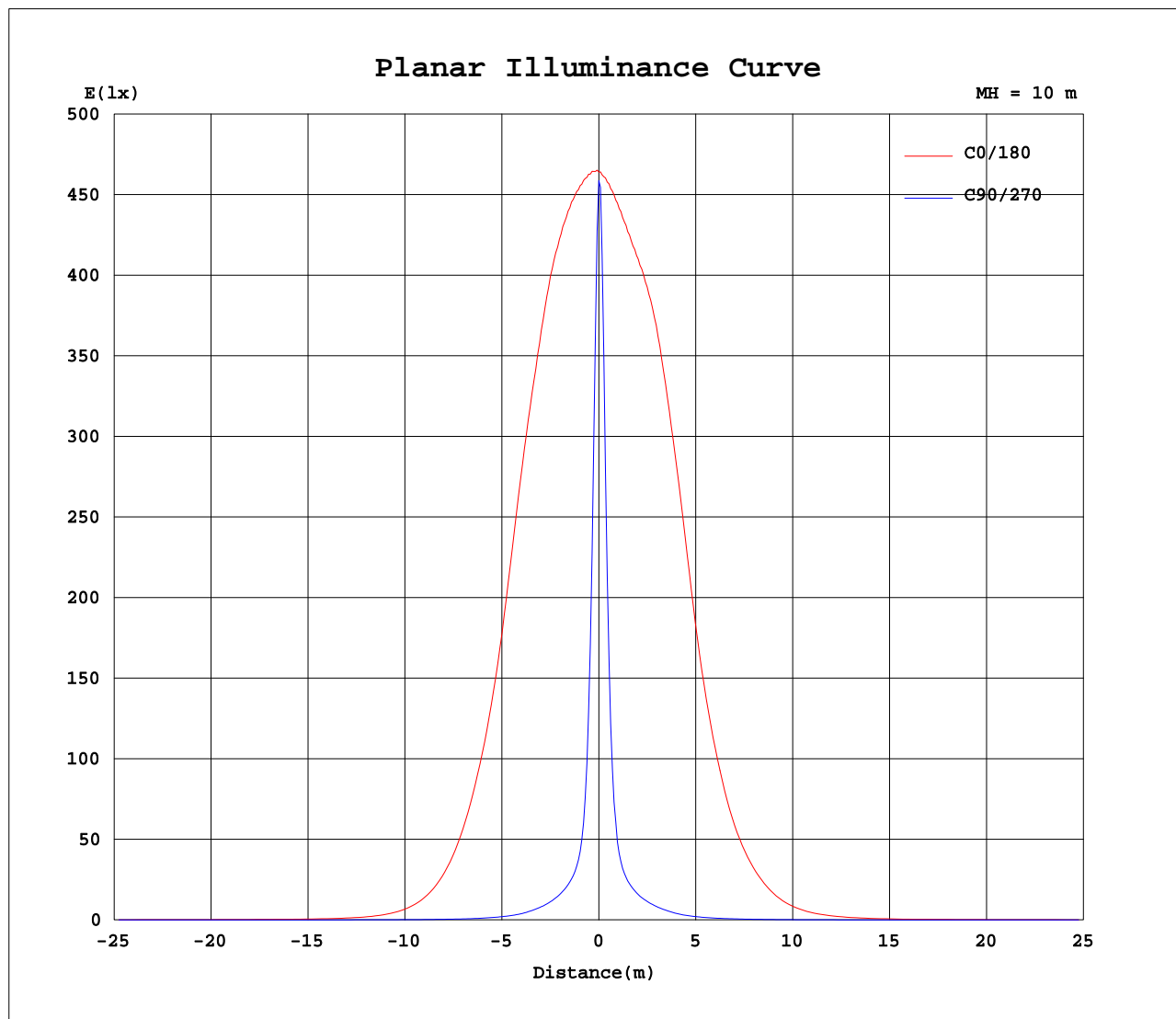
|  |                |                  |
|--|----------------|------------------|
| Test:U:220.75V I:0.5021A P:107.33W PF:0.9683 Freq:50.01Hz Lamp Flux:5994.87x1 lm |                |                  |
| NAME: ProPoint Vista 1x100W_3000K_50x5D  | TYPE:Projector | WEIGHT:          |
| SPEC.:   | DIM.:          | SERIAL No.:1     |
| MFR.: Traxon Technologies  | SUR.:          | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: MEDIUM  
Temperature:30DEG  
Operators:Simon  
Test Date:2020-08-03

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.417  
Humidity:65.0%  
Test Distance:11.510m [K=1.0000]  
Remarks:

## Planar Illuminance Curve

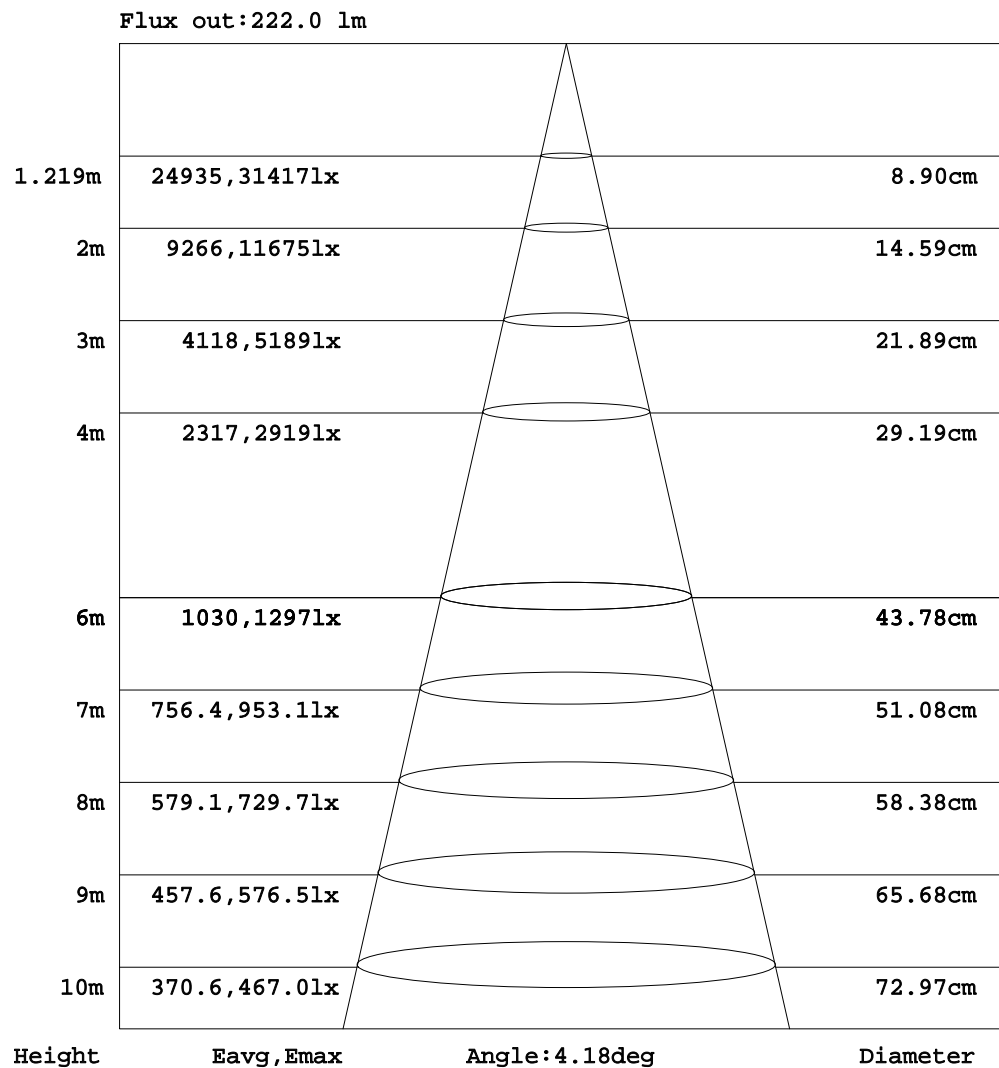


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: MEDIUM  
Temperature: 30DEG  
Operators: Simon  
Test Date: 2020-08-03

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.417  
Humidity: 65.0%  
Test Distance: 11.510m [K=1.0000]  
Remarks:

## AAI Figure

|  |                |                  |
|--|----------------|------------------|
| Test:U:220.75V I:0.5021A P:107.33W PF:0.9683 Freq:50.01Hz Lamp Flux:5994.87x1 lm |                |                  |
| NAME: ProPoint Vista 1x100W_3000K_50x5D  | TYPE:Projector | WEIGHT:          |
| SPEC.:   | DIM.:          | SERIAL No.:1     |
| MFR.: Traxon Technologies  | SUR.:          | Shielding Angle: |



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: MEDIUM  
 Temperature:30DEG  
 Operators:Simon  
 Test Date:2020-08-03

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.417  
 Humidity:65.0%  
 Test Distance:11.510m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                |                  |
|--|----------------|------------------|
| Test:U:220.75V I:0.5021A P:107.33W PF:0.9683 Freq:50.01Hz Lamp Flux:5994.87x1 lm |                |                  |
| NAME: ProPoint Vista 1x100W_3000K_50x5D  | TYPE:Projector | WEIGHT:          |
| SPEC.:   | DIM.:          | SERIAL No.:1     |
| MFR.: Traxon Technologies  | SUR.:          | Shielding Angle: |

Table--1

UNIT: x10cd

| H(DEC)<br>V(DEC) | -90  | -85  | -80  | -75  | -70  | -65  | -60  | -55  | -50  | -45  | -40  | -35  | -30  | -25  | -20  | -15  | -10  | -5   | 0    |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -90              | 0.60 | 0.80 | 1.00 | 1.19 | 1.22 | 1.25 | 1.27 | 1.29 | 1.32 | 1.34 | 1.36 | 1.39 | 1.41 | 1.41 | 1.40 | 1.40 | 1.40 | 1.40 | 1.39 |
| -85              | 0.60 | 0.81 | 1.03 | 1.24 | 1.30 | 1.35 | 1.40 | 1.45 | 1.49 | 1.52 | 1.55 | 1.58 | 1.60 | 1.61 | 1.62 | 1.63 | 1.62 | 1.62 | 1.61 |
| -80              | 0.60 | 0.84 | 1.12 | 1.36 | 1.47 | 1.57 | 1.66 | 1.73 | 1.78 | 1.81 | 1.84 | 1.85 | 1.85 | 1.89 | 1.93 | 1.98 | 2.00 | 2.01 | 2.02 |
| -75              | 0.60 | 0.89 | 1.24 | 1.52 | 1.70 | 1.86 | 2.00 | 2.11 | 2.16 | 2.16 | 2.16 | 2.15 | 2.11 | 2.15 | 2.19 | 2.21 | 2.16 | 2.11 | 2.06 |
| -70              | 0.60 | 0.96 | 1.39 | 1.72 | 1.98 | 2.22 | 2.42 | 2.55 | 2.59 | 2.54 | 2.50 | 2.44 | 2.33 | 2.27 | 2.23 | 2.17 | 2.17 | 2.17 | 2.17 |
| -65              | 0.60 | 1.02 | 1.56 | 1.97 | 2.30 | 2.63 | 2.90 | 3.05 | 3.10 | 3.03 | 2.92 | 2.82 | 2.63 | 2.49 | 2.47 | 2.42 | 2.46 | 2.51 | 2.55 |
| -60              | 0.60 | 1.09 | 1.76 | 2.27 | 2.65 | 3.09 | 3.43 | 3.65 | 3.74 | 3.68 | 3.51 | 3.38 | 3.13 | 2.88 | 2.86 | 2.79 | 2.79 | 2.84 | 2.87 |
| -55              | 0.60 | 1.17 | 1.99 | 2.63 | 3.04 | 3.59 | 4.05 | 4.36 | 4.54 | 4.55 | 4.36 | 4.22 | 3.93 | 3.51 | 3.49 | 3.37 | 3.29 | 3.32 | 3.31 |
| -50              | 0.60 | 1.26 | 2.24 | 3.05 | 3.45 | 4.16 | 4.77 | 5.23 | 5.54 | 5.69 | 5.62 | 5.43 | 5.20 | 4.75 | 4.58 | 4.38 | 4.16 | 4.18 | 4.10 |
| -45              | 0.60 | 1.34 | 2.51 | 3.52 | 4.01 | 4.77 | 5.60 | 6.30 | 6.79 | 7.22 | 7.38 | 7.10 | 7.08 | 6.74 | 6.37 | 6.16 | 5.78 | 5.81 | 5.64 |
| -40              | 0.60 | 1.43 | 2.79 | 4.03 | 4.78 | 5.46 | 6.56 | 7.60 | 8.46 | 9.23 | 9.82 | 9.90 | 9.82 | 9.73 | 8.99 | 8.93 | 8.48 | 8.54 | 8.28 |
| -35              | 0.60 | 1.51 | 3.08 | 4.58 | 5.66 | 6.20 | 7.66 | 9.20 | 10.7 | 11.9 | 13.3 | 14.1 | 13.8 | 14.2 | 13.6 | 13.3 | 12.8 | 12.7 | 12.3 |
| -30              | 0.60 | 1.59 | 3.37 | 5.17 | 6.64 | 7.70 | 8.89 | 11.1 | 13.6 | 16.1 | 18.0 | 20.5 | 21.7 | 21.2 | 21.7 | 20.7 | 20.7 | 20.4 | 19.8 |
| -25              | 0.60 | 1.67 | 3.66 | 5.78 | 7.69 | 9.37 | 10.9 | 13.4 | 17.3 | 21.8 | 26.0 | 29.9 | 34.0 | 34.6 | 35.1 | 35.2 | 34.9 | 34.4 | 34.0 |
| -20              | 0.60 | 1.73 | 3.93 | 6.39 | 8.78 | 11.2 | 13.9 | 17.4 | 21.6 | 29.1 | 37.9 | 46.4 | 51.8 | 58.6 | 61.4 | 63.0 | 62.9 | 62.4 | 61.7 |
| -15              | 0.60 | 1.78 | 4.18 | 6.98 | 9.88 | 13.1 | 17.3 | 24.0 | 34.5 | 41.5 | 52.6 | 69.6 | 86.0 | 94.8 | 105  | 108  | 111  | 112  | 111  |
| -10              | 0.60 | 1.83 | 4.41 | 7.54 | 11.0 | 15.0 | 20.8 | 31.8 | 55.0 | 97.8 | 153  | 153  | 132  | 171  | 200  | 190  | 194  | 199  | 200  |
| -5               | 0.60 | 1.85 | 4.59 | 8.04 | 12.0 | 16.8 | 24.3 | 40.0 | 78.8 | 169  | 349  | 591  | 857  | 988  | 728  | 627  | 663  | 518  | 503  |
| 0                | 0.60 | 1.87 | 4.74 | 8.47 | 12.9 | 18.4 | 27.4 | 47.5 | 101  | 240  | 555  | 1070 | 1868 | 2904 | 3804 | 4268 | 4378 | 4518 | 4640 |
| 5                | 0.60 | 1.84 | 4.56 | 7.99 | 11.9 | 16.7 | 24.1 | 39.9 | 78.7 | 169  | 349  | 591  | 858  | 995  | 762  | 718  | 764  | 596  | 615  |
| 10               | 0.60 | 1.79 | 4.34 | 7.43 | 10.8 | 14.8 | 20.6 | 31.6 | 54.8 | 97.5 | 152  | 152  | 132  | 175  | 206  | 192  | 196  | 202  | 204  |
| 15               | 0.60 | 1.74 | 4.08 | 6.81 | 9.66 | 12.8 | 16.9 | 23.6 | 34.0 | 41.1 | 51.7 | 68.6 | 85.8 | 94.6 | 104  | 108  | 112  | 113  | 113  |
| 20               | 0.60 | 1.67 | 3.79 | 6.17 | 8.49 | 10.8 | 13.5 | 16.9 | 21.1 | 28.7 | 37.3 | 45.8 | 51.8 | 58.9 | 61.8 | 63.9 | 64.2 | 64.0 | 64.5 |
| 25               | 0.60 | 1.59 | 3.49 | 5.52 | 7.33 | 8.90 | 10.4 | 12.8 | 16.8 | 21.4 | 25.8 | 29.5 | 33.8 | 35.1 | 35.9 | 35.8 | 35.8 | 35.3 | 34.9 |
| 30               | 0.60 | 1.50 | 3.17 | 4.86 | 6.21 | 7.15 | 8.28 | 10.5 | 13.1 | 15.7 | 17.7 | 20.2 | 21.5 | 21.2 | 22.0 | 21.0 | 21.1 | 20.9 | 20.5 |
| 35               | 0.60 | 1.40 | 2.85 | 4.23 | 5.17 | 5.57 | 7.03 | 8.59 | 10.2 | 11.4 | 12.9 | 13.8 | 13.5 | 14.1 | 13.6 | 13.4 | 13.0 | 12.9 | 12.6 |
| 40               | 0.60 | 1.31 | 2.54 | 3.64 | 4.24 | 4.82 | 5.90 | 6.97 | 7.88 | 8.73 | 9.43 | 9.54 | 9.51 | 9.56 | 8.94 | 8.93 | 8.52 | 8.63 | 8.41 |
| 45               | 0.60 | 1.21 | 2.23 | 3.08 | 3.41 | 4.13 | 4.93 | 5.62 | 6.16 | 6.70 | 6.95 | 6.75 | 6.77 | 6.51 | 6.22 | 6.02 | 5.65 | 5.69 | 5.51 |
| 50               | 0.60 | 1.11 | 1.95 | 2.59 | 2.83 | 3.49 | 4.07 | 4.52 | 4.89 | 5.15 | 5.16 | 5.03 | 4.84 | 4.44 | 4.29 | 4.08 | 3.85 | 3.86 | 3.75 |
| 55               | 0.60 | 1.02 | 1.68 | 2.15 | 2.42 | 2.92 | 3.34 | 3.62 | 3.87 | 3.97 | 3.88 | 3.76 | 3.49 | 3.08 | 3.08 | 2.95 | 2.87 | 2.89 | 2.86 |
| 60               | 0.60 | 0.93 | 1.43 | 1.77 | 2.03 | 2.41 | 2.70 | 2.90 | 3.05 | 3.07 | 2.97 | 2.86 | 2.60 | 2.36 | 2.37 | 2.31 | 2.31 | 2.35 | 2.37 |
| 65               | 0.60 | 0.85 | 1.22 | 1.45 | 1.68 | 1.95 | 2.16 | 2.30 | 2.38 | 2.37 | 2.32 | 2.24 | 2.05 | 1.94 | 1.96 | 1.95 | 1.99 | 2.04 | 2.07 |
| 70               | 0.60 | 0.78 | 1.03 | 1.18 | 1.36 | 1.56 | 1.69 | 1.80 | 1.85 | 1.83 | 1.84 | 1.82 | 1.74 | 1.70 | 1.70 | 1.69 | 1.73 | 1.78 | 1.83 |
| 75               | 0.60 | 0.71 | 0.87 | 0.97 | 1.10 | 1.21 | 1.30 | 1.38 | 1.42 | 1.41 | 1.47 | 1.51 | 1.53 | 1.55 | 1.57 | 1.57 | 1.55 | 1.52 | 1.50 |
| 80               | 0.60 | 0.65 | 0.75 | 0.80 | 0.87 | 0.93 | 0.98 | 1.04 | 1.09 | 1.11 | 1.18 | 1.25 | 1.30 | 1.42 | 1.53 | 1.62 | 1.65 | 1.68 | 1.70 |
| 85               | 0.60 | 0.61 | 0.65 | 0.67 | 0.70 | 0.73 | 0.75 | 0.79 | 0.83 | 0.86 | 0.93 | 1.00 | 1.06 | 1.23 | 1.40 | 1.57 | 1.68 | 1.78 | 1.89 |
| 90               | 0.60 | 0.60 | 0.60 | 0.60 | 0.61 | 0.62 | 0.63 | 0.65 | 0.68 | 0.70 | 0.76 | 0.81 | 0.87 | 0.96 | 1.06 | 1.15 | 1.23 | 1.30 | 1.37 |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: MEDIUM  
Temperature:30DEG  
Operators:Simon  
Test Date:2020-08-03

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.417  
Humidity:65.0%  
Test Distance:11.510m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|  |  |  |  |  |  |  |  |  |                |  |  |  |  |                  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|----------------|--|--|--|--|------------------|--|--|--|--|
| Test:U:220.75V I:0.5021A P:107.33W PF:0.9683 Freq:50.01Hz Lamp Flux:5994.87x1 lm |  |  |  |  |  |  |  |  |                |  |  |  |  |                  |  |  |  |  |
| NAME: ProPoint Vista 1x100W_3000K_50x5D  |  |  |  |  |  |  |  |  | TYPE:Projector |  |  |  |  | WEIGHT:          |  |  |  |  |
| SPEC.:   |  |  |  |  |  |  |  |  | DIM.:          |  |  |  |  | SERIAL No.:1     |  |  |  |  |
| MFR.: Traxon Technologies  |  |  |  |  |  |  |  |  | SUR.:          |  |  |  |  | Shielding Angle: |  |  |  |  |

Table--2

UNIT: x10cd

| H(DEC)<br>V(DEC) | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |  |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| -90              | 1.39 | 1.39 | 1.39 | 1.37 | 1.36 | 1.34 | 1.31 | 1.28 | 1.25 | 1.23 | 1.20 | 1.18 | 1.15 | 1.12 | 1.09 | 1.10 | 1.11 | 1.12 |  |
| -85              | 1.59 | 1.57 | 1.54 | 1.50 | 1.45 | 1.40 | 1.38 | 1.35 | 1.32 | 1.31 | 1.29 | 1.26 | 1.23 | 1.19 | 1.15 | 1.14 | 1.13 | 1.12 |  |
| -80              | 1.95 | 1.87 | 1.78 | 1.71 | 1.64 | 1.57 | 1.56 | 1.55 | 1.53 | 1.52 | 1.50 | 1.46 | 1.42 | 1.35 | 1.28 | 1.24 | 1.18 | 1.12 |  |
| -75              | 2.02 | 1.98 | 1.93 | 1.88 | 1.82 | 1.77 | 1.80 | 1.80 | 1.80 | 1.82 | 1.80 | 1.74 | 1.67 | 1.56 | 1.45 | 1.38 | 1.23 | 1.12 |  |
| -70              | 2.13 | 2.09 | 2.04 | 2.01 | 1.98 | 2.00 | 2.10 | 2.14 | 2.17 | 2.21 | 2.18 | 2.10 | 1.99 | 1.83 | 1.66 | 1.54 | 1.30 | 1.12 |  |
| -65              | 2.50 | 2.44 | 2.37 | 2.33 | 2.26 | 2.32 | 2.50 | 2.59 | 2.67 | 2.71 | 2.65 | 2.55 | 2.38 | 2.13 | 1.93 | 1.74 | 1.38 | 1.12 |  |
| -60              | 2.87 | 2.84 | 2.84 | 2.87 | 2.81 | 2.95 | 3.12 | 3.20 | 3.32 | 3.34 | 3.22 | 3.07 | 2.83 | 2.48 | 2.26 | 1.97 | 1.46 | 1.12 |  |
| -55              | 3.38 | 3.41 | 3.51 | 3.64 | 3.63 | 3.93 | 4.07 | 4.10 | 4.19 | 4.12 | 3.92 | 3.69 | 3.33 | 2.87 | 2.65 | 2.22 | 1.56 | 1.12 |  |
| -50              | 4.28 | 4.35 | 4.62 | 4.85 | 4.98 | 5.31 | 5.41 | 5.41 | 5.35 | 5.11 | 4.80 | 4.42 | 3.90 | 3.28 | 3.11 | 2.50 | 1.66 | 1.12 |  |
| -45              | 5.94 | 6.04 | 6.49 | 6.75 | 7.06 | 7.27 | 7.17 | 7.23 | 6.88 | 6.34 | 5.88 | 5.26 | 4.53 | 3.87 | 3.61 | 2.80 | 1.76 | 1.12 |  |
| -40              | 8.69 | 8.78 | 9.32 | 9.47 | 10.1 | 10.0 | 9.97 | 9.68 | 8.88 | 8.02 | 7.20 | 6.23 | 5.22 | 4.71 | 4.18 | 3.12 | 1.87 | 1.12 |  |
| -35              | 12.8 | 13.1 | 13.7 | 14.1 | 14.6 | 14.1 | 14.2 | 13.1 | 11.5 | 10.3 | 8.80 | 7.33 | 5.97 | 5.66 | 4.80 | 3.45 | 1.98 | 1.12 |  |
| -30              | 20.5 | 21.0 | 21.1 | 22.2 | 21.7 | 22.1 | 20.6 | 17.8 | 15.7 | 13.1 | 10.7 | 8.57 | 7.52 | 6.70 | 5.44 | 3.79 | 2.08 | 1.12 |  |
| -25              | 34.5 | 35.2 | 35.7 | 35.7 | 35.5 | 34.8 | 30.2 | 25.8 | 21.2 | 16.7 | 12.9 | 10.6 | 9.24 | 7.82 | 6.11 | 4.12 | 2.17 | 1.12 |  |
| -20              | 62.6 | 63.4 | 63.9 | 62.1 | 59.5 | 53.1 | 46.6 | 37.2 | 28.3 | 20.9 | 16.5 | 13.4 | 11.1 | 8.98 | 6.79 | 4.44 | 2.26 | 1.12 |  |
| -15              | 112  | 112  | 109  | 105  | 95.3 | 86.4 | 69.3 | 51.7 | 39.2 | 30.4 | 21.7 | 16.4 | 12.9 | 10.1 | 7.45 | 4.74 | 2.34 | 1.12 |  |
| -10              | 200  | 195  | 190  | 194  | 168  | 131  | 149  | 137  | 81.5 | 44.8 | 27.6 | 19.4 | 14.8 | 11.3 | 8.08 | 5.02 | 2.41 | 1.12 |  |
| -5               | 497  | 612  | 559  | 695  | 961  | 835  | 570  | 305  | 136  | 61.2 | 33.6 | 22.4 | 16.6 | 12.4 | 8.66 | 5.25 | 2.46 | 1.12 |  |
| 0                | 4617 | 4534 | 4296 | 3738 | 2823 | 1814 | 1031 | 481  | 190  | 76.6 | 39.0 | 25.1 | 18.2 | 13.3 | 9.16 | 5.44 | 2.49 | 1.12 |  |
| 5                | 569  | 729  | 685  | 746  | 972  | 837  | 570  | 304  | 136  | 61.2 | 33.5 | 22.4 | 16.6 | 12.3 | 8.63 | 5.23 | 2.45 | 1.12 |  |
| 10               | 203  | 196  | 192  | 205  | 174  | 133  | 149  | 136  | 81.4 | 44.6 | 27.5 | 19.3 | 14.7 | 11.2 | 8.02 | 4.97 | 2.38 | 1.12 |  |
| 15               | 114  | 113  | 110  | 105  | 95.5 | 87.1 | 69.1 | 51.2 | 39.1 | 30.2 | 21.6 | 16.2 | 12.8 | 10.0 | 7.37 | 4.68 | 2.31 | 1.12 |  |
| 20               | 64.8 | 65.7 | 65.9 | 63.4 | 60.3 | 53.5 | 46.6 | 37.2 | 28.2 | 20.7 | 16.3 | 13.2 | 10.9 | 8.84 | 6.67 | 4.35 | 2.22 | 1.12 |  |
| 25               | 35.8 | 36.6 | 36.9 | 37.0 | 36.3 | 34.9 | 30.3 | 25.9 | 21.2 | 16.5 | 12.7 | 10.4 | 9.05 | 7.65 | 5.96 | 4.01 | 2.12 | 1.12 |  |
| 30               | 21.1 | 21.6 | 21.7 | 22.7 | 22.0 | 22.1 | 20.7 | 17.9 | 15.6 | 13.0 | 10.5 | 8.34 | 7.30 | 6.50 | 5.27 | 3.66 | 2.01 | 1.12 |  |
| 35               | 13.1 | 13.3 | 13.8 | 14.1 | 14.6 | 14.0 | 14.1 | 13.1 | 11.5 | 10.2 | 8.64 | 7.12 | 5.70 | 5.41 | 4.59 | 3.30 | 1.89 | 1.12 |  |
| 40               | 8.74 | 8.73 | 9.20 | 9.25 | 9.88 | 9.81 | 9.75 | 9.58 | 8.84 | 7.96 | 7.04 | 6.01 | 4.94 | 4.42 | 3.95 | 2.95 | 1.78 | 1.12 |  |
| 45               | 5.77 | 5.82 | 6.23 | 6.46 | 6.76 | 6.98 | 6.91 | 7.07 | 6.80 | 6.26 | 5.72 | 5.04 | 4.25 | 3.54 | 3.35 | 2.62 | 1.66 | 1.12 |  |
| 50               | 3.92 | 3.98 | 4.25 | 4.49 | 4.65 | 5.02 | 5.17 | 5.27 | 5.24 | 4.98 | 4.63 | 4.19 | 3.60 | 2.94 | 2.81 | 2.30 | 1.55 | 1.12 |  |
| 55               | 2.94 | 2.96 | 3.08 | 3.24 | 3.27 | 3.64 | 3.88 | 3.96 | 4.05 | 3.96 | 3.73 | 3.45 | 3.02 | 2.51 | 2.34 | 2.00 | 1.44 | 1.12 |  |
| 60               | 2.38 | 2.38 | 2.41 | 2.49 | 2.51 | 2.74 | 2.96 | 3.04 | 3.14 | 3.14 | 3.00 | 2.80 | 2.50 | 2.11 | 1.92 | 1.73 | 1.34 | 1.12 |  |
| 65               | 2.06 | 2.03 | 2.01 | 2.05 | 2.06 | 2.16 | 2.32 | 2.38 | 2.44 | 2.47 | 2.39 | 2.24 | 2.03 | 1.75 | 1.57 | 1.49 | 1.25 | 1.12 |  |
| 70               | 1.80 | 1.76 | 1.74 | 1.76 | 1.77 | 1.80 | 1.88 | 1.90 | 1.91 | 1.93 | 1.87 | 1.76 | 1.62 | 1.43 | 1.27 | 1.28 | 1.16 | 1.12 |  |
| 75               | 1.55 | 1.59 | 1.64 | 1.62 | 1.58 | 1.53 | 1.55 | 1.53 | 1.50 | 1.50 | 1.44 | 1.35 | 1.27 | 1.15 | 1.04 | 1.10 | 1.09 | 1.12 |  |
| 80               | 1.69 | 1.68 | 1.65 | 1.55 | 1.44 | 1.32 | 1.29 | 1.24 | 1.18 | 1.15 | 1.10 | 1.03 | 0.98 | 0.92 | 0.85 | 0.96 | 1.03 | 1.12 |  |
| 85               | 1.76 | 1.62 | 1.49 | 1.36 | 1.24 | 1.11 | 1.05 | 0.98 | 0.91 | 0.88 | 0.84 | 0.79 | 0.77 | 0.74 | 0.71 | 0.85 | 0.98 | 1.12 |  |
| 90               | 1.31 | 1.25 | 1.18 | 1.09 | 0.99 | 0.90 | 0.84 | 0.79 | 0.73 | 0.71 | 0.68 | 0.65 | 0.64 | 0.63 | 0.61 | 0.78 | 0.95 | 1.12 |  |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: MEDIUM  
Temperature:30DEG  
Operators:Simon  
Test Date:2020-08-03

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
γ Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.417  
Humidity:65.0%  
Test Distance:11.510m [K=1.0000]  
Remarks: