

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

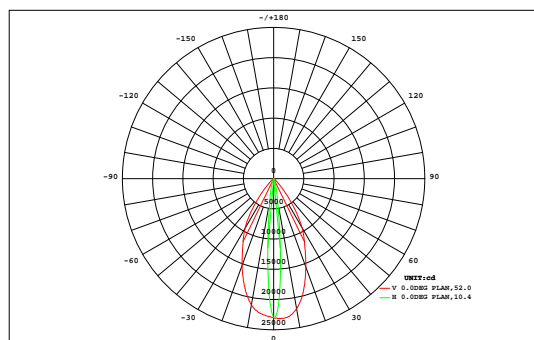
|  |                            |                        |
|--|----------------------------|------------------------|
| Maximum Intensity                        |                            | 4427.2 cd per klm.     |
| (Luminaire orientation as tested.)       |                            | 0.0 degrees vertical   |
|  |                            | 3.0 degrees horizontal |
| Beam Spread                              | At 10% of I <sub>max</sub> | 26.1V x 82.5H          |
|  | At 50% of I <sub>max</sub> | 10.3V x 52.0H          |
|  | At 90% of I <sub>max</sub> | 3.7V x 22.9H           |
| Beam Flux                                | Total                      | 1000.5 lumens per klm. |
|  | To 10% of I <sub>max</sub> | 788.3 lumens per klm.  |
|  | To 50% of I <sub>max</sub> | 422.6 lumens per klm.  |
|  | To 90% of I <sub>max</sub> | 95.3 lumens per klm.   |
|  | Upward LOR                 | 0.0 %                  |
|  | Downward LOR               | 100.1 %                |
| 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:220.68V I:0.4984A P:106.46W PF:0.9678 Freq:50.01Hz Lamp Flux:5234.01x1 lm |                |                  |
| NAME: ProPoint Vista 1x100W_3000K_50x10D   | TYPE:Projector | WEIGHT:          |
| SPEC.:   | DIM.:          | SERIAL No.:1     |
| MFR.: Traxon Technologies  | SUR.:          | Shielding Angle: |



|                  |               |                 |          |
|------------------|---------------|-----------------|----------|
| DATA OF LAMP     |               | Eff:49.17lm/W   |          |
| MODEL LED        | 3000K/CRI>=80 | Imax(cd)        | 23172    |
| NOMINAL POWER(W) | 100           | AVAILABILITY(%) | 78.7     |
| RATED VOLTAGE(V) | AC 220        | Avai. FLUX(lm)  | 4120     |
| NOMINAL FLUX(lm) | 5234.01       | LOR(%)          | 100.0    |
| LAMPS INSIDE     | 1             | TOTAL FLUX(lm)  | 5234     |
| TEST VOLTAGE(V)  | AC 220        | θ @50%(H,V)     | 52,10DEG |

|                |      | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |                 |      |      |      |      |      |      | UNIT:lm |      |      | Φ t  | Φ a  |
|----------------|------|-------------------|------|------|------|------|------|------|------|-----------------|------|------|------|------|------|------|---------|------|------|------|------|
| VERTICAL (DEG) | 90   | 0.02              | 0.06 | 0.11 | 0.17 | 0.22 | 0.28 | 0.35 | 0.43 | 0.48            | 0.48 | 0.43 | 0.36 | 0.29 | 0.23 | 0.17 | 0.11    | 0.06 | 0.03 | 4.27 | 0.00 |
|                | 80   | 0.02              | 0.09 | 0.18 | 0.29 | 0.38 | 0.46 | 0.51 | 0.54 | 0.55            | 0.56 | 0.56 | 0.52 | 0.46 | 0.38 | 0.29 | 0.19    | 0.09 | 0.03 | 6.11 | 0.00 |
|                | 70   | 0.03              | 0.13 | 0.29 | 0.48 | 0.62 | 0.71 | 0.74 | 0.77 | 0.80            | 0.81 | 0.79 | 0.76 | 0.72 | 0.63 | 0.48 | 0.30    | 0.13 | 0.03 | 9.24 | 0.00 |
|                | 60   | 0.03              | 0.17 | 0.43 | 0.74 | 1.01 | 1.17 | 1.22 | 1.27 | 1.29            | 1.30 | 1.29 | 1.25 | 1.18 | 1.01 | 0.74 | 0.44    | 0.18 | 0.04 | 14.8 | 0.00 |
|                | 50   | 0.04              | 0.23 | 0.59 | 1.10 | 1.65 | 2.04 | 2.27 | 2.37 | 2.42            | 2.43 | 2.40 | 2.30 | 2.06 | 1.65 | 1.11 | 0.61    | 0.24 | 0.05 | 25.6 | 0.00 |
|                | 40   | 0.04              | 0.28 | 0.79 | 1.62 | 2.75 | 3.92 | 4.68 | 5.12 | 5.33            | 5.37 | 5.21 | 4.77 | 3.96 | 2.76 | 1.64 | 0.81    | 0.30 | 0.05 | 49.4 | 0.00 |
|                | 30   | 0.05              | 0.34 | 1.01 | 2.33 | 4.83 | 8.26 | 11.4 | 13.4 | 14.6            | 14.7 | 13.6 | 11.6 | 8.34 | 4.82 | 2.35 | 1.05    | 0.36 | 0.06 | 113  | 0.00 |
|                | -30  | 0.05              | 0.39 | 1.24 | 3.26 | 9.07 | 22.2 | 39.5 | 49.8 | 57.7            | 57.4 | 49.2 | 39.0 | 21.9 | 8.89 | 3.27 | 1.28    | 0.42 | 0.06 | 365  | 111  |
|                |      | 0.05              | 0.43 | 1.43 | 4.30 | 22.1 | 95.7 | 197  | 324  | 402             | 400  | 320  | 195  | 92.6 | 20.7 | 4.30 | 1.49    | 0.46 | 0.06 | 2081 | 2005 |
|                |      | 0.05              | 0.43 | 1.44 | 4.34 | 22.2 | 96.4 | 195  | 304  | 369             | 370  | 304  | 189  | 91.4 | 20.6 | 4.32 | 1.49    | 0.46 | 0.06 | 1974 | 1897 |
| 0.05           |      | 0.40              | 1.28 | 3.36 | 9.31 | 23.1 | 40.9 | 49.9 | 57.2 | 56.7            | 48.0 | 36.8 | 20.9 | 8.94 | 3.34 | 1.31 | 0.43    | 0.06 | 362  | 106  |      |
| 0.05           |      | 0.36              | 1.08 | 2.46 | 5.00 | 8.62 | 11.8 | 13.4 | 14.4 | 14.4            | 13.3 | 11.3 | 8.29 | 4.89 | 2.43 | 1.09 | 0.38    | 0.06 | 113  | 0.00 |      |
| -40            |      | 0.05              | 0.31 | 0.87 | 1.74 | 2.89 | 4.06 | 4.77 | 5.12 | 5.27            | 5.29 | 5.15 | 4.77 | 4.01 | 2.82 | 1.70 | 0.86    | 0.32 | 0.05 | 50.0 | 0.00 |
| -50            |      | 0.04              | 0.26 | 0.68 | 1.22 | 1.77 | 2.15 | 2.35 | 2.43 | 2.47            | 2.49 | 2.48 | 2.39 | 2.13 | 1.71 | 1.16 | 0.65    | 0.26 | 0.05 | 26.7 | 0.00 |
| -60            |      | 0.04              | 0.21 | 0.51 | 0.85 | 1.13 | 1.29 | 1.34 | 1.39 | 1.42            | 1.43 | 1.41 | 1.35 | 1.25 | 1.06 | 0.79 | 0.48    | 0.21 | 0.04 | 16.2 | 0.00 |
| -70            |      | 0.03              | 0.17 | 0.37 | 0.59 | 0.75 | 0.85 | 0.88 | 0.92 | 0.94            | 0.94 | 0.90 | 0.84 | 0.78 | 0.68 | 0.53 | 0.34    | 0.16 | 0.04 | 10.7 | 0.00 |
| -80            |      | 0.03              | 0.13 | 0.26 | 0.40 | 0.51 | 0.59 | 0.65 | 0.68 | 0.69            | 0.67 | 0.64 | 0.58 | 0.52 | 0.45 | 0.35 | 0.24    | 0.12 | 0.03 | 7.55 | 0.00 |
| -90            | 0.02 | 0.10              | 0.19 | 0.27 | 0.34 | 0.41 | 0.46 | 0.49 | 0.51 | 0.50            | 0.47 | 0.42 | 0.37 | 0.31 | 0.24 | 0.17 | 0.10    | 0.03 | 5.40 | 0.00 |      |
|                |      | -90               | -80  | -70  | -60  | -50  | -40  | -30  | -20  | HORIZONTAL(DEG) |      |      |      | 20   | 30   | 40   | 50      | 60   | 70   | 80   | 90   |
| Φ t            | 0.69 | 4.49              | 12.8 | 29.5 | 86.5 | 272  | 516  | 776  | 937  | 936             | 769  | 503  | 261  | 82.5 | 29.2 | 12.9 | 4.68    | 0.84 | 5234 | ---  |      |
| Φ a            | 0.00 | 0.00              | 0.00 | 0.00 | 3.47 | 170  | 414  | 667  | 826  | 825             | 655  | 397  | 160  | 2.24 | 0.00 | 0.00 | 0.00    | 0.00 | ---  | 4120 |      |

one-half-peak spread: U:4.9,D:5.5 , L:29.1,R:23.5 NEMA Beam Type: Type 5 x 2 (H x V)

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

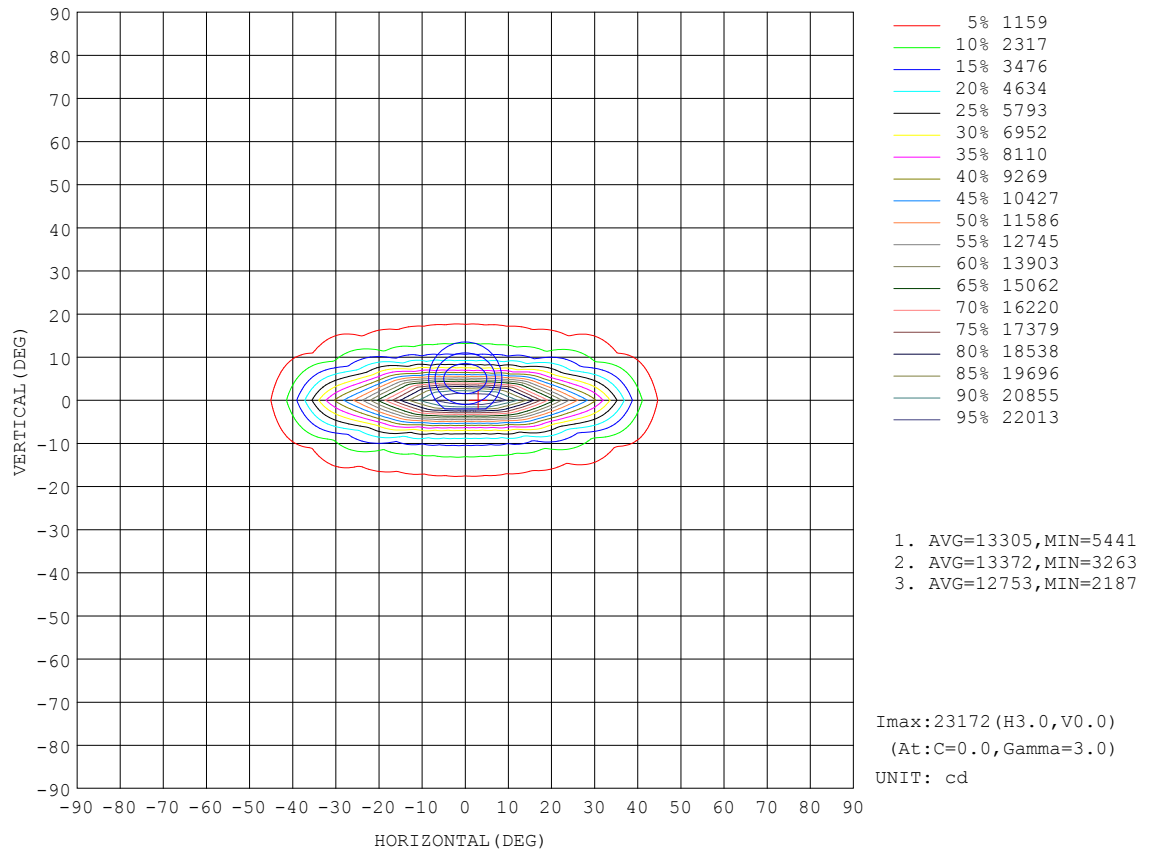
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γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:11.510m [K=1.0000]
Remarks:

```

## ISOCANDELA DIAGRAM

|  |                |                  |
|--|----------------|------------------|
| Test:U:220.68V I:0.4984A P:106.46W PF:0.9678 Freq:50.01Hz Lamp Flux:5234.01x1 lm |                |                  |
| NAME: ProPoint Vista 1x100W_3000K_50x10D   | TYPE:Projector | WEIGHT:          |
| SPEC.:   | DIM.:          | SERIAL No.:1     |
| MFR.: Traxon Technologies  | SUR.:          | Shielding Angle: |

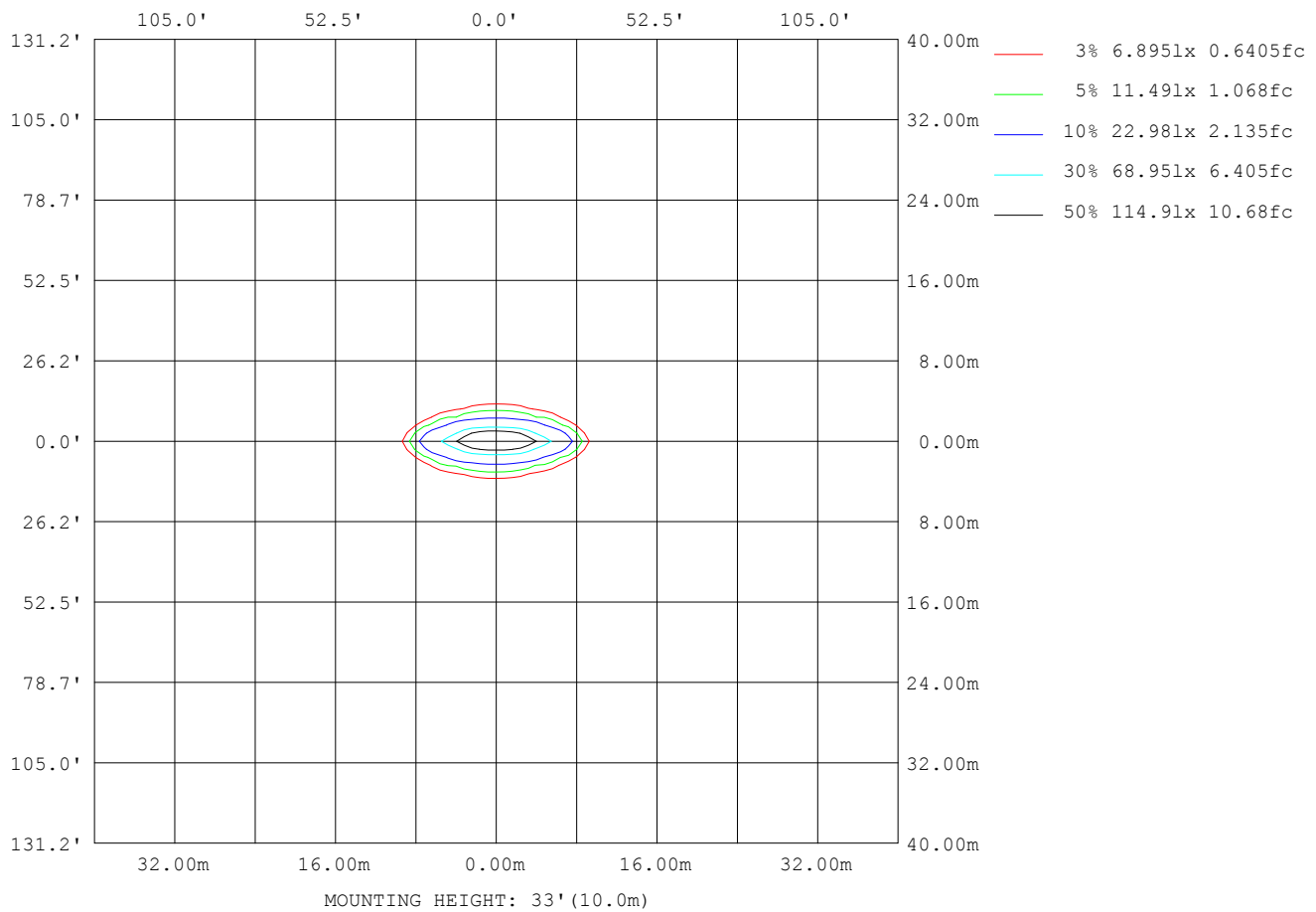


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: MEDIUM  
Temperature:30DEG  
Operators:Coffee  
Test Date:2020-08-03

$\gamma$  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

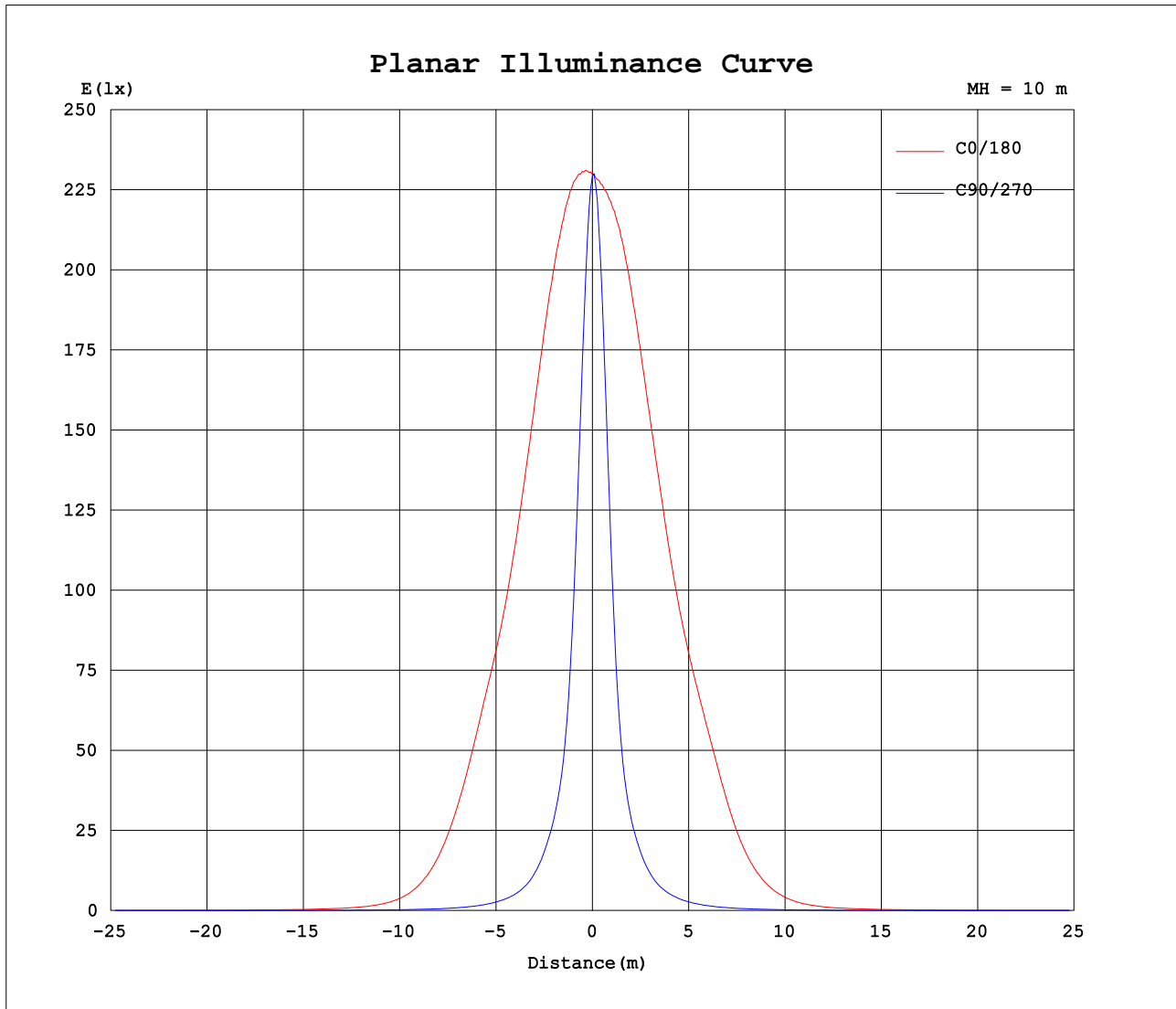
|  |                |                  |
|--|----------------|------------------|
| Test:U:220.68V I:0.4984A P:106.46W PF:0.9678 Freq:50.01Hz Lamp Flux:5234.01x1 lm |                |                  |
| NAME: ProPoint Vista 1x100W_3000K_50x10D   | TYPE:Projector | WEIGHT:          |
| SPEC.:   | DIM.:          | SERIAL No.:1     |
| MFR.: Traxon Technologies  | SUR.:          | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: MEDIUM  
Temperature:30DEG  
Operators:Coffee  
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:

## Planar Illuminance Curve

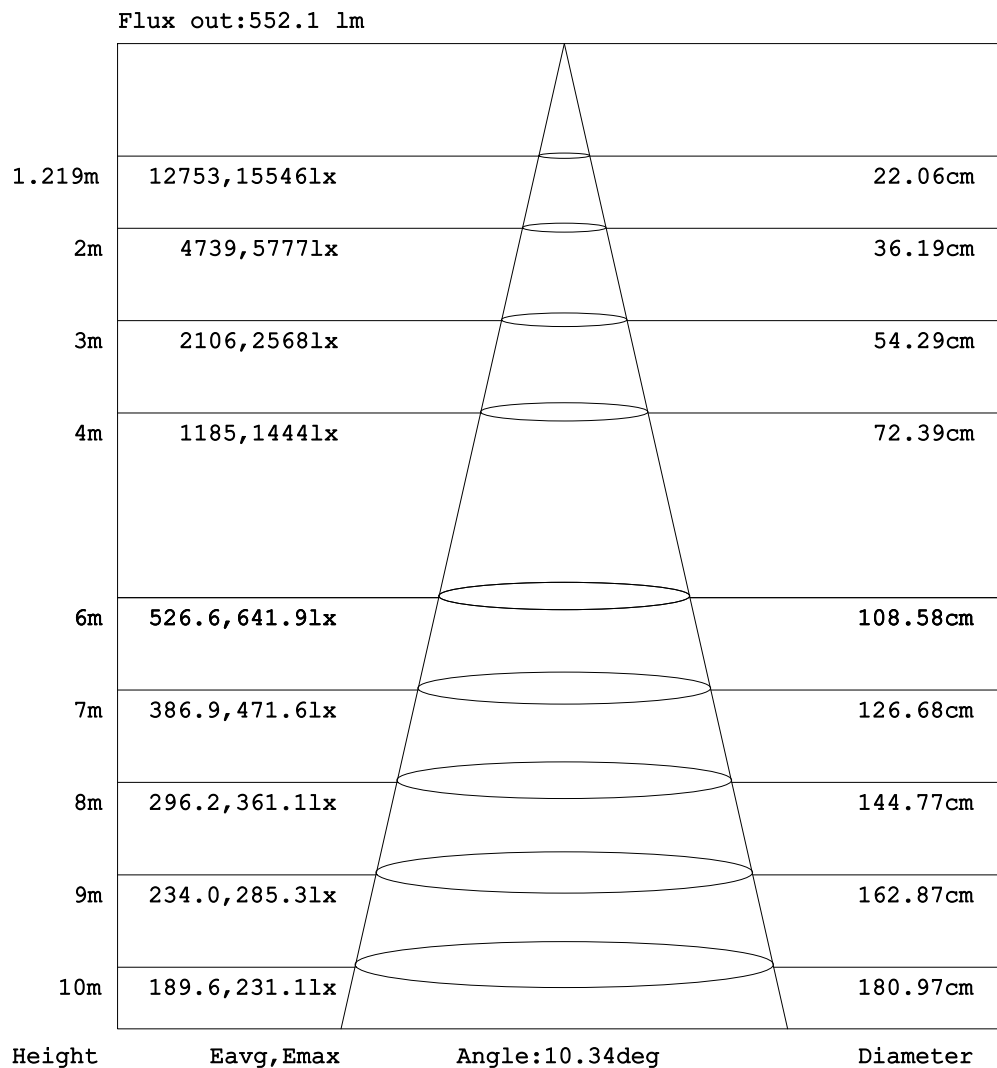


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: MEDIUM  
Temperature: 30DEG  
Operators: Coffee  
Test Date: 2020-08-03

$\gamma$  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:220.68V I:0.4984A P:106.46W PF:0.9678 Freq:50.01Hz Lamp Flux:5234.01x1 lm |                |                  |
| NAME: ProPoint Vista 1x100W_3000K_50x10D   | 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:Coffee  
 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:220.68V I:0.4984A P:106.46W PF:0.9678 Freq:50.01Hz Lamp Flux:5234.01x1 lm |                |                  |
| NAME: ProPoint Vista 1x100W_3000K_50x10D   | 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              | 0.63 | 0.81 | 1.00 | 1.19 | 1.22 | 1.24 | 1.27 | 1.28 | 1.29 | 1.31 | 1.32 | 1.34 | 1.35 | 1.36 | 1.36 | 1.36 | 1.36 | 1.36 | 1.36 |
| -85              | 0.63 | 0.85 | 1.07 | 1.30 | 1.36 | 1.42 | 1.48 | 1.53 | 1.56 | 1.58 | 1.61 | 1.64 | 1.66 | 1.67 | 1.67 | 1.67 | 1.67 | 1.67 | 1.67 |
| -80              | 0.63 | 0.89 | 1.17 | 1.44 | 1.57 | 1.68 | 1.78 | 1.85 | 1.90 | 1.93 | 1.96 | 1.98 | 1.99 | 2.01 | 2.02 | 2.03 | 2.02 | 2.02 | 2.00 |
| -75              | 0.63 | 0.93 | 1.27 | 1.62 | 1.83 | 2.01 | 2.16 | 2.27 | 2.34 | 2.36 | 2.38 | 2.38 | 2.35 | 2.36 | 2.35 | 2.33 | 2.30 | 2.27 | 2.23 |
| -70              | 0.63 | 0.98 | 1.40 | 1.83 | 2.14 | 2.41 | 2.62 | 2.78 | 2.86 | 2.87 | 2.86 | 2.84 | 2.76 | 2.71 | 2.67 | 2.61 | 2.58 | 2.56 | 2.53 |
| -65              | 0.63 | 1.03 | 1.54 | 2.06 | 2.50 | 2.86 | 3.16 | 3.37 | 3.48 | 3.49 | 3.44 | 3.39 | 3.26 | 3.16 | 3.13 | 3.07 | 3.07 | 3.08 | 3.07 |
| -60              | 0.63 | 1.09 | 1.68 | 2.33 | 2.90 | 3.38 | 3.77 | 4.05 | 4.23 | 4.25 | 4.17 | 4.12 | 3.96 | 3.79 | 3.79 | 3.74 | 3.73 | 3.75 | 3.74 |
| -55              | 0.63 | 1.14 | 1.84 | 2.60 | 3.32 | 3.94 | 4.46 | 4.85 | 5.13 | 5.24 | 5.16 | 5.13 | 4.99 | 4.70 | 4.73 | 4.65 | 4.61 | 4.63 | 4.59 |
| -50              | 0.63 | 1.19 | 2.00 | 2.90 | 3.78 | 4.55 | 5.24 | 5.80 | 6.23 | 6.51 | 6.56 | 6.52 | 6.46 | 6.16 | 6.11 | 6.02 | 5.89 | 5.93 | 5.83 |
| -45              | 0.63 | 1.24 | 2.16 | 3.20 | 4.25 | 5.22 | 6.11 | 6.92 | 7.59 | 8.18 | 8.49 | 8.41 | 8.57 | 8.38 | 8.17 | 8.13 | 7.89 | 7.98 | 7.82 |
| -40              | 0.63 | 1.30 | 2.33 | 3.51 | 4.73 | 5.93 | 7.11 | 8.26 | 9.34 | 10.3 | 11.2 | 11.5 | 11.6 | 11.8 | 11.3 | 11.5 | 11.1 | 11.3 | 11.0 |
| -35              | 0.63 | 1.34 | 2.48 | 3.81 | 5.22 | 6.67 | 8.20 | 9.84 | 11.6 | 13.1 | 14.8 | 16.1 | 16.1 | 16.9 | 16.8 | 16.9 | 16.7 | 16.8 | 16.5 |
| -30              | 0.63 | 1.38 | 2.63 | 4.10 | 5.70 | 7.43 | 9.40 | 11.7 | 14.4 | 17.3 | 19.9 | 23.0 | 24.7 | 25.0 | 26.2 | 26.0 | 26.5 | 26.6 | 26.3 |
| -25              | 0.63 | 1.42 | 2.76 | 4.38 | 6.17 | 8.21 | 10.6 | 13.8 | 17.8 | 22.7 | 28.1 | 33.0 | 38.7 | 40.8 | 42.1 | 43.2 | 44.4 | 44.5 | 44.4 |
| -20              | 0.63 | 1.45 | 2.88 | 4.63 | 6.62 | 8.95 | 11.9 | 16.0 | 21.9 | 29.8 | 40.4 | 52.7 | 59.8 | 70.3 | 72.3 | 77.2 | 78.9 | 80.9 | 81.6 |
| -15              | 0.63 | 1.47 | 2.97 | 4.85 | 7.03 | 9.65 | 13.1 | 18.4 | 27.0 | 39.2 | 57.0 | 86.5 | 122  | 126  | 141  | 149  | 164  | 173  | 172  |
| -10              | 0.63 | 1.48 | 3.05 | 5.04 | 7.38 | 10.3 | 14.3 | 20.8 | 33.5 | 61.6 | 110  | 158  | 223  | 308  | 347  | 342  | 357  | 374  | 373  |
| -5               | 0.63 | 1.49 | 3.10 | 5.18 | 7.67 | 10.8 | 15.3 | 22.9 | 40.5 | 90.2 | 203  | 383  | 553  | 675  | 822  | 1023 | 1099 | 1132 | 1121 |
| 0                | 0.63 | 1.48 | 3.12 | 5.27 | 7.88 | 11.2 | 16.0 | 24.6 | 46.6 | 118  | 298  | 617  | 948  | 1208 | 1530 | 1856 | 2119 | 2246 | 2298 |
| 5                | 0.63 | 1.47 | 3.06 | 5.12 | 7.59 | 10.7 | 15.1 | 22.7 | 40.3 | 89.7 | 202  | 380  | 550  | 682  | 883  | 1137 | 1250 | 1296 | 1313 |
| 10               | 0.63 | 1.45 | 2.98 | 4.93 | 7.22 | 10.1 | 14.0 | 20.4 | 32.9 | 60.8 | 108  | 154  | 217  | 307  | 357  | 354  | 370  | 392  | 391  |
| 15               | 0.63 | 1.43 | 2.87 | 4.69 | 6.79 | 9.33 | 12.7 | 17.8 | 26.1 | 38.1 | 55.1 | 82.9 | 115  | 118  | 136  | 146  | 163  | 171  | 173  |
| 20               | 0.63 | 1.39 | 2.75 | 4.42 | 6.31 | 8.53 | 11.4 | 15.3 | 20.9 | 28.9 | 39.0 | 50.4 | 55.9 | 66.3 | 70.5 | 76.6 | 79.4 | 81.5 | 82.6 |
| 25               | 0.63 | 1.34 | 2.60 | 4.12 | 5.79 | 7.68 | 9.99 | 13.0 | 17.0 | 22.0 | 27.2 | 31.7 | 36.9 | 39.7 | 41.8 | 43.2 | 45.1 | 45.3 | 45.0 |
| 30               | 0.63 | 1.29 | 2.44 | 3.79 | 5.26 | 6.83 | 8.69 | 11.0 | 13.6 | 16.5 | 19.2 | 22.2 | 24.0 | 24.6 | 26.2 | 26.0 | 26.7 | 27.1 | 26.7 |
| 35               | 0.63 | 1.24 | 2.27 | 3.46 | 4.71 | 6.00 | 7.50 | 9.15 | 10.9 | 12.5 | 14.3 | 15.5 | 15.6 | 16.6 | 16.7 | 16.9 | 16.8 | 17.0 | 16.7 |
| 40               | 0.63 | 1.18 | 2.09 | 3.13 | 4.18 | 5.26 | 6.42 | 7.58 | 8.69 | 9.73 | 10.6 | 11.0 | 11.2 | 11.5 | 11.1 | 11.4 | 11.1 | 11.3 | 11.1 |
| 45               | 0.63 | 1.12 | 1.90 | 2.79 | 3.65 | 4.56 | 5.44 | 6.25 | 6.96 | 7.60 | 7.98 | 7.95 | 8.18 | 8.08 | 7.92 | 7.92 | 7.71 | 7.80 | 7.66 |
| 50               | 0.63 | 1.06 | 1.72 | 2.46 | 3.17 | 3.91 | 4.57 | 5.13 | 5.60 | 5.95 | 6.06 | 6.06 | 6.05 | 5.80 | 5.78 | 5.69 | 5.56 | 5.60 | 5.51 |
| 55               | 0.63 | 0.99 | 1.54 | 2.14 | 2.73 | 3.31 | 3.80 | 4.18 | 4.50 | 4.67 | 4.65 | 4.65 | 4.54 | 4.28 | 4.31 | 4.24 | 4.18 | 4.21 | 4.16 |
| 60               | 0.63 | 0.93 | 1.37 | 1.84 | 2.31 | 2.76 | 3.12 | 3.39 | 3.60 | 3.67 | 3.64 | 3.62 | 3.48 | 3.32 | 3.33 | 3.26 | 3.26 | 3.29 | 3.27 |
| 65               | 0.63 | 0.87 | 1.21 | 1.57 | 1.92 | 2.26 | 2.52 | 2.72 | 2.85 | 2.88 | 2.87 | 2.85 | 2.74 | 2.66 | 2.64 | 2.60 | 2.61 | 2.63 | 2.63 |
| 70               | 0.63 | 0.82 | 1.06 | 1.32 | 1.57 | 1.81 | 1.99 | 2.14 | 2.23 | 2.25 | 2.27 | 2.28 | 2.22 | 2.18 | 2.16 | 2.12 | 2.12 | 2.13 | 2.12 |
| 75               | 0.63 | 0.76 | 0.93 | 1.10 | 1.27 | 1.42 | 1.54 | 1.65 | 1.72 | 1.73 | 1.79 | 1.83 | 1.83 | 1.84 | 1.84 | 1.82 | 1.80 | 1.78 | 1.75 |
| 80               | 0.63 | 0.71 | 0.82 | 0.92 | 1.02 | 1.10 | 1.17 | 1.25 | 1.30 | 1.32 | 1.39 | 1.45 | 1.49 | 1.57 | 1.63 | 1.68 | 1.70 | 1.72 | 1.73 |
| 85               | 0.63 | 0.67 | 0.71 | 0.76 | 0.81 | 0.85 | 0.89 | 0.94 | 0.97 | 1.01 | 1.07 | 1.13 | 1.19 | 1.29 | 1.40 | 1.50 | 1.56 | 1.62 | 1.68 |
| 90               | 0.63 | 0.63 | 0.63 | 0.64 | 0.65 | 0.66 | 0.67 | 0.69 | 0.72 | 0.75 | 0.79 | 0.84 | 0.88 | 0.96 | 1.03 | 1.10 | 1.15 | 1.19 | 1.23 |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: MEDIUM  
Temperature:30DEG  
Operators:Coffee  
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:220.68V I:0.4984A P:106.46W PF:0.9678 Freq:50.01Hz Lamp Flux:5234.01x1 lm |                |                  |
| NAME: ProPoint Vista 1x100W_3000K_50x10D   | 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              | 1.35 | 1.35 | 1.34 | 1.33 | 1.32 | 1.30 | 1.28 | 1.25 | 1.23 | 1.21 | 1.19 | 1.17 | 1.15 | 1.13 | 1.11 | 1.11 | 1.12 | 1.12 |  |
| -85              | 1.65 | 1.62 | 1.60 | 1.57 | 1.54 | 1.50 | 1.48 | 1.45 | 1.42 | 1.40 | 1.37 | 1.34 | 1.30 | 1.25 | 1.20 | 1.17 | 1.15 | 1.12 |  |
| -80              | 1.96 | 1.92 | 1.88 | 1.84 | 1.79 | 1.75 | 1.74 | 1.71 | 1.68 | 1.66 | 1.63 | 1.58 | 1.52 | 1.44 | 1.35 | 1.26 | 1.18 | 1.12 |  |
| -75              | 2.21 | 2.18 | 2.15 | 2.13 | 2.11 | 2.08 | 2.10 | 2.08 | 2.06 | 2.05 | 2.00 | 1.91 | 1.82 | 1.68 | 1.52 | 1.38 | 1.23 | 1.12 |  |
| -70              | 2.52 | 2.51 | 2.48 | 2.49 | 2.48 | 2.48 | 2.54 | 2.55 | 2.55 | 2.54 | 2.47 | 2.35 | 2.19 | 1.97 | 1.73 | 1.50 | 1.28 | 1.12 |  |
| -65              | 3.07 | 3.04 | 3.01 | 3.02 | 2.99 | 3.03 | 3.12 | 3.14 | 3.16 | 3.15 | 3.03 | 2.87 | 2.64 | 2.32 | 1.97 | 1.64 | 1.33 | 1.12 |  |
| -60              | 3.77 | 3.75 | 3.75 | 3.77 | 3.72 | 3.82 | 3.90 | 3.89 | 3.93 | 3.88 | 3.69 | 3.47 | 3.15 | 2.72 | 2.25 | 1.79 | 1.39 | 1.12 |  |
| -55              | 4.67 | 4.67 | 4.73 | 4.81 | 4.75 | 4.93 | 4.96 | 4.91 | 4.93 | 4.77 | 4.48 | 4.17 | 3.71 | 3.15 | 2.56 | 1.96 | 1.45 | 1.12 |  |
| -50              | 5.98 | 6.00 | 6.15 | 6.25 | 6.27 | 6.47 | 6.40 | 6.34 | 6.21 | 5.87 | 5.45 | 4.97 | 4.34 | 3.62 | 2.88 | 2.14 | 1.51 | 1.12 |  |
| -45              | 8.05 | 8.03 | 8.29 | 8.34 | 8.52 | 8.61 | 8.33 | 8.29 | 7.88 | 7.22 | 6.61 | 5.87 | 5.03 | 4.12 | 3.22 | 2.32 | 1.57 | 1.12 |  |
| -40              | 11.3 | 11.2 | 11.6 | 11.5 | 11.9 | 11.6 | 11.4 | 10.9 | 10.0 | 8.99 | 7.98 | 6.89 | 5.77 | 4.66 | 3.56 | 2.50 | 1.63 | 1.12 |  |
| -35              | 16.9 | 16.8 | 17.0 | 16.9 | 17.0 | 16.0 | 15.9 | 14.6 | 12.8 | 11.3 | 9.61 | 8.02 | 6.55 | 5.20 | 3.91 | 2.69 | 1.68 | 1.12 |  |
| -30              | 26.6 | 26.6 | 26.0 | 26.1 | 24.8 | 24.3 | 22.5 | 19.5 | 16.9 | 14.1 | 11.5 | 9.27 | 7.39 | 5.76 | 4.25 | 2.86 | 1.74 | 1.12 |  |
| -25              | 44.6 | 44.3 | 43.0 | 41.5 | 39.4 | 36.9 | 32.0 | 27.4 | 22.3 | 17.5 | 13.6 | 10.6 | 8.24 | 6.30 | 4.57 | 3.02 | 1.78 | 1.12 |  |
| -20              | 80.9 | 78.3 | 75.6 | 69.5 | 64.6 | 55.1 | 49.7 | 39.0 | 29.1 | 21.5 | 15.9 | 12.0 | 9.08 | 6.82 | 4.88 | 3.17 | 1.83 | 1.12 |  |
| -15              | 171  | 161  | 143  | 131  | 112  | 107  | 78.9 | 54.2 | 37.9 | 26.5 | 18.3 | 13.3 | 9.87 | 7.31 | 5.15 | 3.30 | 1.87 | 1.12 |  |
| -10              | 372  | 353  | 328  | 324  | 274  | 194  | 143  | 103  | 57.9 | 32.6 | 20.7 | 14.5 | 10.6 | 7.74 | 5.39 | 3.41 | 1.90 | 1.12 |  |
| -5               | 1122 | 1095 | 1013 | 793  | 646  | 530  | 362  | 190  | 83.3 | 39.2 | 23.0 | 15.6 | 11.2 | 8.09 | 5.58 | 3.50 | 1.92 | 1.12 |  |
| 0                | 2308 | 2182 | 1915 | 1559 | 1220 | 944  | 591  | 280  | 108  | 44.9 | 24.7 | 16.4 | 11.7 | 8.37 | 5.73 | 3.55 | 1.93 | 1.12 |  |
| 5                | 1267 | 1223 | 1094 | 842  | 671  | 540  | 366  | 191  | 83.3 | 39.1 | 22.8 | 15.5 | 11.2 | 8.04 | 5.55 | 3.47 | 1.91 | 1.12 |  |
| 10               | 390  | 363  | 344  | 344  | 296  | 209  | 150  | 104  | 57.7 | 32.3 | 20.5 | 14.3 | 10.5 | 7.64 | 5.32 | 3.37 | 1.87 | 1.12 |  |
| 15               | 171  | 162  | 145  | 135  | 119  | 114  | 82.7 | 54.7 | 37.6 | 26.0 | 18.0 | 13.0 | 9.69 | 7.17 | 5.06 | 3.24 | 1.83 | 1.12 |  |
| 20               | 81.5 | 80.0 | 77.2 | 71.5 | 67.4 | 57.0 | 50.7 | 38.9 | 28.7 | 20.9 | 15.5 | 11.6 | 8.83 | 6.64 | 4.75 | 3.09 | 1.79 | 1.12 |  |
| 25               | 45.7 | 45.7 | 43.9 | 42.6 | 40.4 | 37.5 | 32.0 | 27.3 | 22.0 | 17.0 | 13.2 | 10.2 | 7.94 | 6.08 | 4.41 | 2.92 | 1.73 | 1.12 |  |
| 30               | 27.3 | 27.1 | 26.5 | 26.7 | 25.1 | 24.4 | 22.4 | 19.3 | 16.6 | 13.7 | 11.1 | 8.87 | 7.05 | 5.50 | 4.06 | 2.74 | 1.67 | 1.12 |  |
| 35               | 17.1 | 17.0 | 17.2 | 17.0 | 16.9 | 15.9 | 15.7 | 14.3 | 12.6 | 11.0 | 9.27 | 7.66 | 6.17 | 4.91 | 3.70 | 2.54 | 1.61 | 1.12 |  |
| 40               | 11.4 | 11.2 | 11.5 | 11.3 | 11.6 | 11.4 | 11.1 | 10.7 | 9.78 | 8.73 | 7.67 | 6.54 | 5.39 | 4.33 | 3.32 | 2.34 | 1.54 | 1.12 |  |
| 45               | 7.85 | 7.79 | 8.03 | 8.05 | 8.20 | 8.28 | 8.01 | 8.01 | 7.63 | 6.99 | 6.32 | 5.55 | 4.67 | 3.76 | 2.95 | 2.14 | 1.48 | 1.12 |  |
| 50               | 5.64 | 5.63 | 5.77 | 5.87 | 5.90 | 6.12 | 6.10 | 6.07 | 5.97 | 5.63 | 5.18 | 4.65 | 4.00 | 3.25 | 2.59 | 1.94 | 1.41 | 1.12 |  |
| 55               | 4.24 | 4.23 | 4.31 | 4.40 | 4.38 | 4.61 | 4.69 | 4.65 | 4.68 | 4.52 | 4.22 | 3.86 | 3.37 | 2.79 | 2.25 | 1.75 | 1.34 | 1.12 |  |
| 60               | 3.31 | 3.31 | 3.34 | 3.41 | 3.41 | 3.54 | 3.65 | 3.64 | 3.68 | 3.62 | 3.42 | 3.17 | 2.81 | 2.36 | 1.92 | 1.57 | 1.28 | 1.12 |  |
| 65               | 2.66 | 2.65 | 2.66 | 2.71 | 2.73 | 2.79 | 2.88 | 2.88 | 2.89 | 2.87 | 2.75 | 2.55 | 2.29 | 1.96 | 1.63 | 1.40 | 1.21 | 1.12 |  |
| 70               | 2.15 | 2.16 | 2.18 | 2.22 | 2.23 | 2.25 | 2.30 | 2.29 | 2.26 | 2.25 | 2.17 | 2.02 | 1.84 | 1.60 | 1.36 | 1.25 | 1.15 | 1.12 |  |
| 75               | 1.80 | 1.84 | 1.88 | 1.88 | 1.87 | 1.84 | 1.84 | 1.81 | 1.76 | 1.75 | 1.68 | 1.57 | 1.45 | 1.29 | 1.13 | 1.11 | 1.09 | 1.12 |  |
| 80               | 1.73 | 1.72 | 1.71 | 1.65 | 1.58 | 1.51 | 1.47 | 1.42 | 1.36 | 1.33 | 1.27 | 1.20 | 1.13 | 1.04 | 0.95 | 0.99 | 1.04 | 1.12 |  |
| 85               | 1.62 | 1.56 | 1.49 | 1.40 | 1.31 | 1.21 | 1.16 | 1.10 | 1.04 | 1.01 | 0.97 | 0.92 | 0.88 | 0.83 | 0.78 | 0.89 | 1.00 | 1.12 |  |
| 90               | 1.19 | 1.15 | 1.10 | 1.04 | 0.97 | 0.91 | 0.86 | 0.82 | 0.77 | 0.75 | 0.72 | 0.70 | 0.69 | 0.68 | 0.66 | 0.82 | 0.97 | 1.12 |  |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: MEDIUM  
Temperature:30DEG  
Operators:Coffee  
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: