

T-LUCE GONIOPHOTOMETERS SYSTEM TEST REPORT

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

| | | |
|--|----------------|------------------------|
| Maximum Intensity | | 2658.2 cd per klm. |
| (Luminaire orientation as tested.) | | 0.0 degrees vertical |
| | | 0.0 degrees horizontal |
| Beam Spread | At 10% of Imax | 14.8V x 150.8H |
| | At 50% of Imax | 5.0V x 108.7H |
| | At 90% of Imax | 1.9V x 34.1H |
| Beam Flux | Total | 1000.0 lumens per klm. |
| | To 10% of Imax | 680.9 lumens per klm. |
| | To 50% of Imax | 342.8 lumens per klm. |
| | To 90% of Imax | 14.1 lumens per klm. |
| | Upward LOR | 1.5 % |
| | Downward LOR | 98.5 % |
| Luminaire Efficiency(Light Output Ratio) | | 99.9 % |

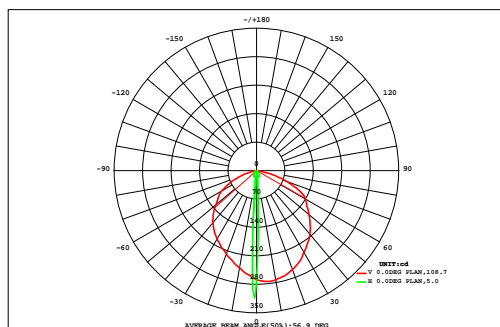
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-03

g Range: 0 - 150DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.402
Humidity:56%
Test Distance:10.580m [K=1.0000]
Remarks:

T-LUCE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|-------|-------------|
| Test:U:12.132V I:0.4413A P:5.3540W PF:1.0000 Freq:0Hz Lamp Flux:118.062x1 lm | | |
| NAME: TL-OU-3220A-12 6W RGBW 2X120D | TYPE: | SERIAL No.: |
| | SUR.: | |
| | | |



| DATA OF LAMP | | Eff:22.03lm/W | |
|------------------|---------|-----------------|----------|
| MODEL | | Imax(cd) | 313.8 |
| NOMINAL POWER(W) | 6 | AVAILABILITY(%) | 68.4 |
| RATED VOLTAGE(V) | 12 | Avai. FLUX(lm) | 80.80 |
| NOMINAL FLUX(lm) | 118.062 | LOR(%) | 99.9 |
| LAMPS INSIDE | 1 | TOTAL FLUX(lm) | 118.0 |
| TEST VOLTAGE(V) | 12.1325 | q @50%(H,V) | 109,5DEG |

| VERTICAL(DEG) | AREA FLUX DIAGRAM | | | | | | | | | | | | | | | | UNIT:lm | F t | F a |
|-----------------|-------------------|------|------|------|------|------|------|------|-------------------|------|------|------|------|------|------|------|---------|------|------|
| | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.11 | 0.00 |
| 90 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.11 | 0.00 |
| 80 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.00 | 0.27 |
| 70 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.00 | 0.59 |
| 60 | 0.01 | 0.03 | 0.04 | 0.05 | 0.07 | 0.08 | 0.10 | 0.11 | 0.11 | 0.11 | 0.10 | 0.09 | 0.07 | 0.06 | 0.04 | 0.04 | 0.02 | 0.01 | 1.13 |
| 50 | 0.01 | 0.05 | 0.06 | 0.08 | 0.12 | 0.15 | 0.18 | 0.20 | 0.21 | 0.20 | 0.19 | 0.16 | 0.13 | 0.10 | 0.07 | 0.05 | 0.03 | 0.01 | 2.01 |
| 40 | 0.01 | 0.09 | 0.12 | 0.13 | 0.18 | 0.24 | 0.29 | 0.34 | 0.36 | 0.36 | 0.32 | 0.28 | 0.22 | 0.17 | 0.11 | 0.09 | 0.05 | 0.01 | 3.38 |
| 30 | 0.01 | 0.16 | 0.36 | 0.22 | 0.27 | 0.32 | 0.38 | 0.45 | 0.49 | 0.48 | 0.43 | 0.36 | 0.33 | 0.29 | 0.19 | 0.24 | 0.09 | 0.01 | 5.12 |
| | 0.01 | 0.25 | 0.78 | 0.94 | 0.73 | 0.64 | 0.59 | 0.50 | 0.49 | 0.49 | 0.53 | 0.70 | 0.91 | 0.78 | 0.73 | 0.50 | 0.14 | 0.01 | 9.71 |
| | 0.01 | 0.33 | 1.25 | 2.08 | 2.81 | 3.27 | 3.37 | 3.60 | 4.07 | 3.97 | 3.55 | 3.27 | 3.00 | 2.36 | 1.58 | 0.80 | 0.18 | 0.01 | 39.5 |
| | 0.01 | 0.33 | 1.25 | 2.09 | 2.83 | 3.25 | 3.14 | 2.78 | 2.46 | 2.13 | 2.37 | 2.69 | 2.74 | 2.27 | 1.57 | 0.80 | 0.18 | 0.01 | 32.9 |
| | 0.01 | 0.25 | 0.79 | 0.96 | 0.78 | 0.64 | 0.53 | 0.47 | 0.46 | 0.46 | 0.45 | 0.52 | 0.59 | 0.59 | 0.70 | 0.50 | 0.13 | 0.01 | 8.85 |
| | 0.01 | 0.17 | 0.37 | 0.25 | 0.30 | 0.33 | 0.39 | 0.46 | 0.50 | 0.49 | 0.43 | 0.37 | 0.31 | 0.23 | 0.18 | 0.24 | 0.09 | 0.01 | 5.12 |
| -30 | 0.01 | 0.09 | 0.13 | 0.14 | 0.20 | 0.25 | 0.30 | 0.34 | 0.35 | 0.34 | 0.32 | 0.27 | 0.22 | 0.16 | 0.10 | 0.09 | 0.05 | 0.01 | 3.38 |
| -40 | 0.01 | 0.05 | 0.07 | 0.09 | 0.13 | 0.16 | 0.18 | 0.19 | 0.20 | 0.19 | 0.18 | 0.16 | 0.13 | 0.10 | 0.07 | 0.05 | 0.03 | 0.01 | 1.99 |
| -50 | 0.01 | 0.03 | 0.05 | 0.06 | 0.07 | 0.09 | 0.10 | 0.10 | 0.11 | 0.10 | 0.10 | 0.09 | 0.07 | 0.05 | 0.04 | 0.04 | 0.02 | 0.01 | 1.13 |
| -60 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.00 | 0.60 |
| -70 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.27 |
| -80 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.11 |
| -90 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.11 |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | HORIZONTAL(DEG) | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| F t | 0.15 | 1.93 | 5.40 | 7.21 | 8.61 | 9.55 | 9.69 | 9.69 | 9.97 | 9.47 | 9.11 | 9.08 | 8.84 | 7.26 | 5.48 | 3.54 | 1.10 | 0.11 | 116 |
| F a | 0.00 | 1.04 | 4.47 | 6.00 | 6.67 | 6.82 | 6.67 | 6.17 | 6.18 | 5.71 | 5.74 | 6.30 | 6.52 | 5.52 | 4.35 | 2.46 | 0.18 | 0.00 | 81 |

one-half-peak spread: U:2.5,D:2.6 , L:53.7,R:55.5 Beam Type: Type 7 x 1 (H x V)

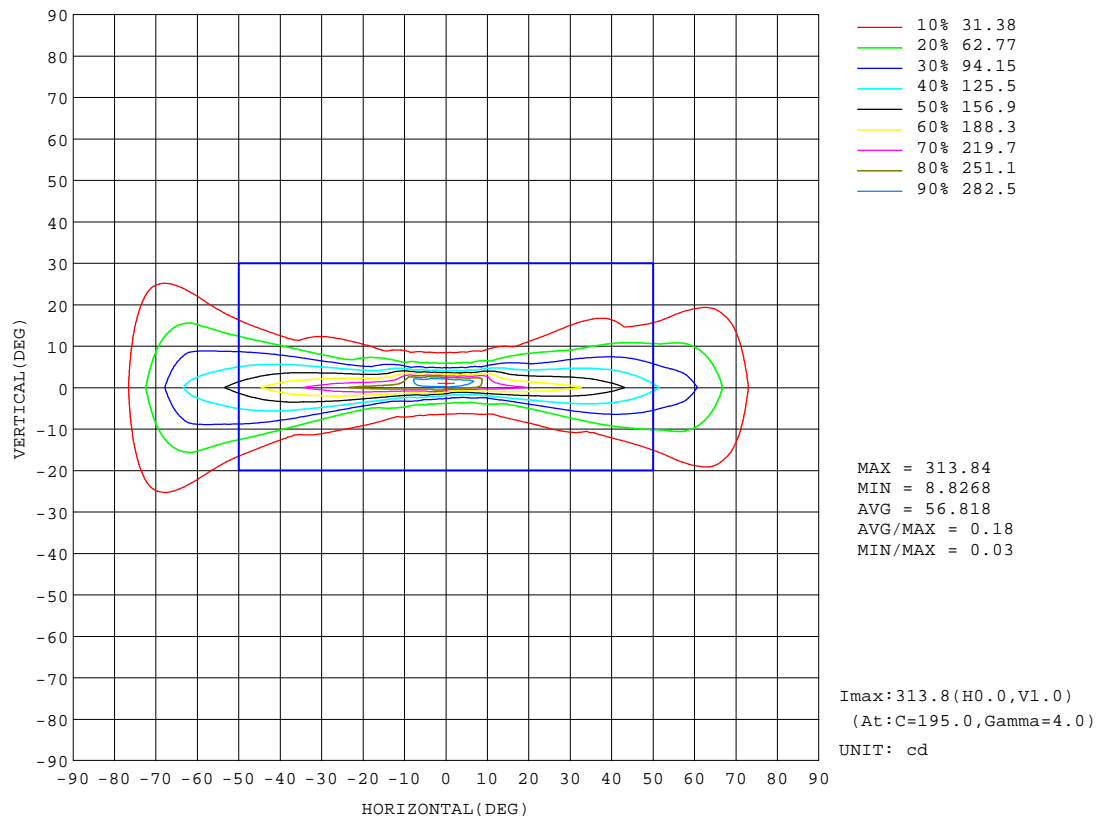
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-03

g Range: 0 - 150DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.402
Humidity:56%
Test Distance:10.580m [K=1.0000]
Remarks:

T-LUCE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

| | | |
|--|-------|-------------|
| Test:U:12.132V I:0.4413A P:5.3540W PF:1.0000 Freq:0Hz Lamp Flux:118.062x1 lm | | |
| NAME: TL-OU-3220A-12 6W RGBW 2X120D | TYPE: | SERIAL No.: |
| | SUR.: | |
| | | |



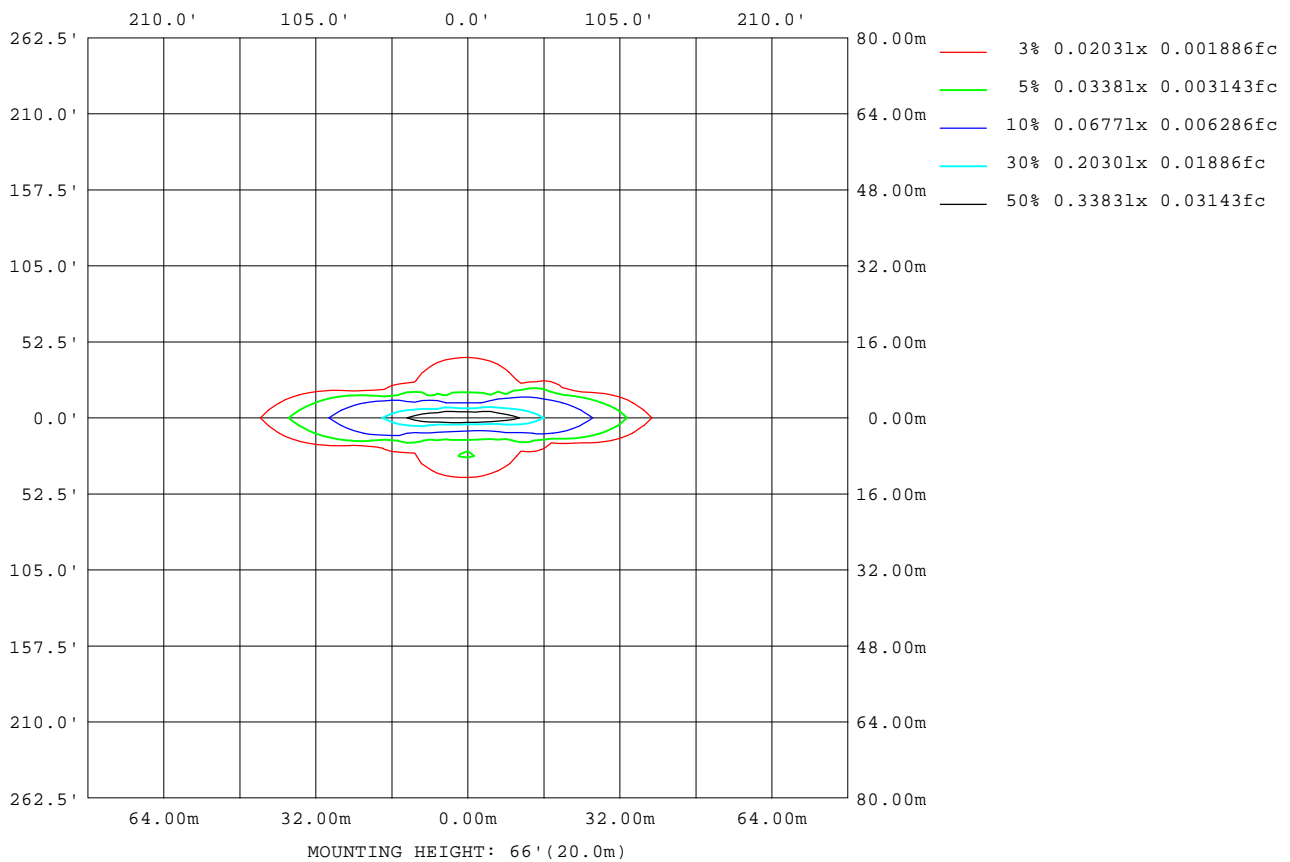
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-03

g Range: 0 - 150DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.402
Humidity:56%
Test Distance:10.580m [K=1.0000]
Remarks:

T-LUCE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

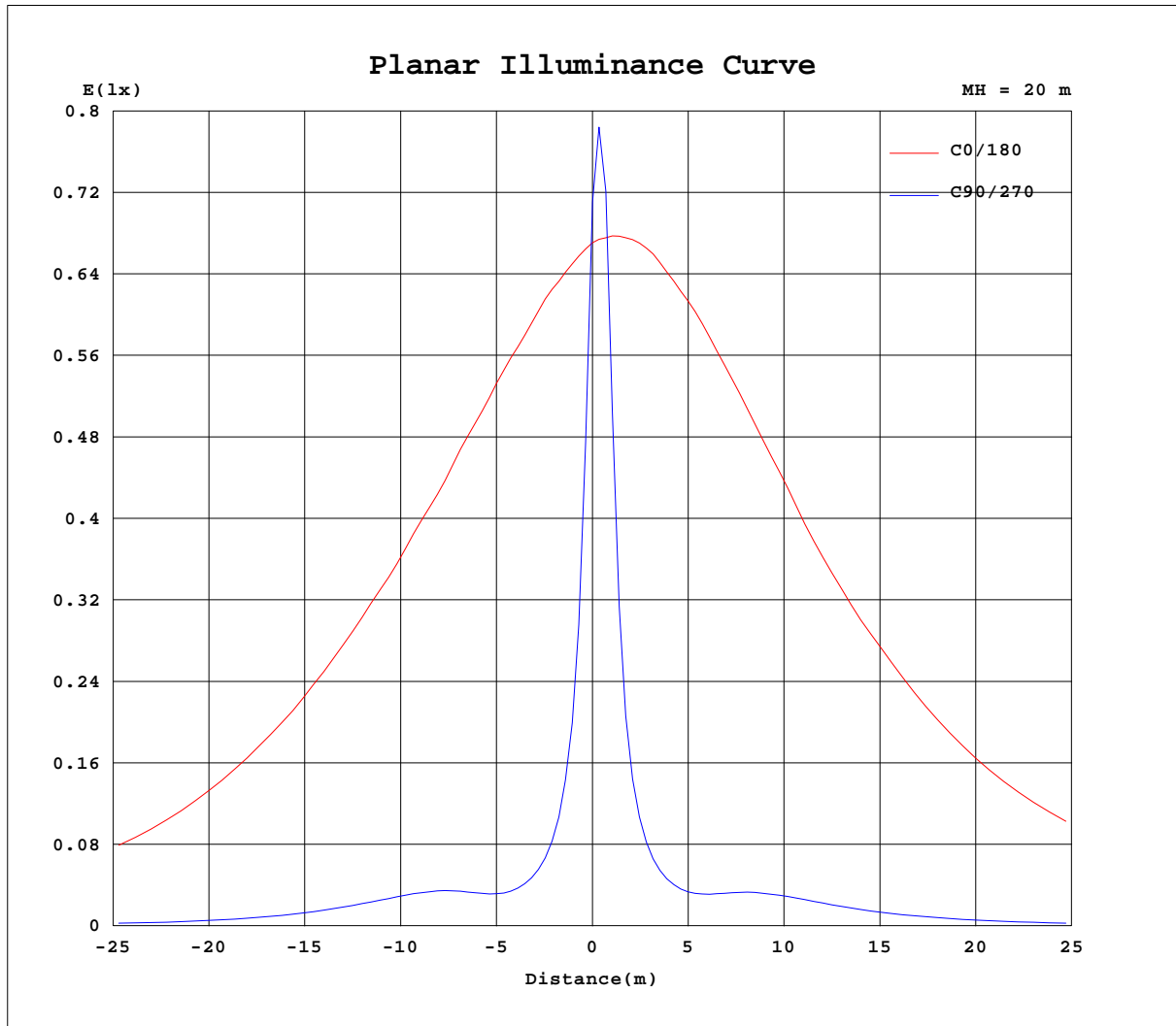
| | | |
|--|-------|-------------|
| Test:U:12.132V I:0.4413A P:5.3540W PF:1.0000 Freq:0Hz Lamp Flux:118.062x1 lm | | |
| NAME: TL-OU-3220A-12 6W RGBW 2X120D | TYPE: | SERIAL No.: |
| | SUR.: | |
| | | |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-09-03

g Range: 0 - 150DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.402
 Humidity: 56%
 Test Distance: 10.580m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-09-03

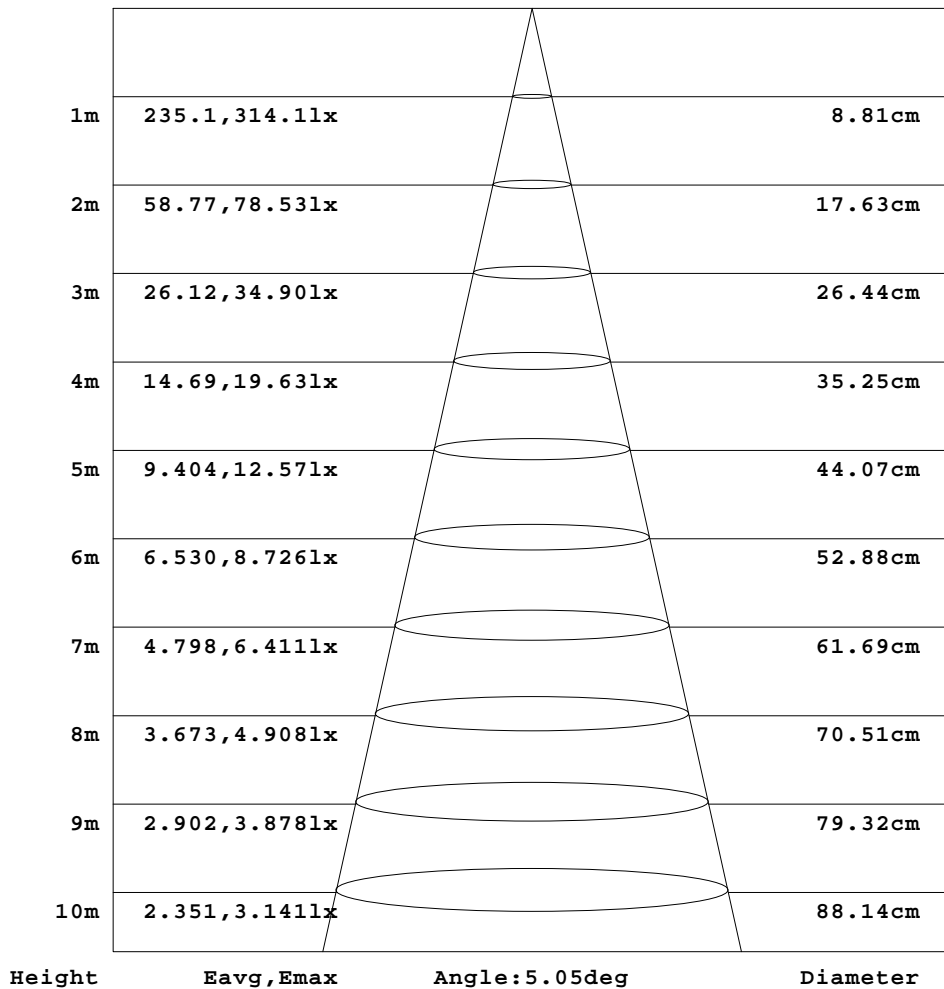
g Range: 0 - 150DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.402
Humidity: 56%
Test Distance: 10.580m [K=1.0000]
Remarks:

T-LUCE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI Figure

| | | |
|--|-------|-------------|
| Test:U:12.132V I:0.4413A P:5.3540W PF:1.0000 Freq:0Hz Lamp Flux:118.062x1 lm | | |
| NAME: TL-OU-3220A-12 6W RGBW 2X120D | TYPE: | SERIAL No.: |
| | SUR.: | |
| | | |

Flux out:2.028 lm



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: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-03

g Range: 0 - 150DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.402
Humidity:56%
Test Distance:10.580m [K=1.0000]
Remarks:



T-LUCE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------|-------------|
| Test:U:12.132V I:0.4413A P:5.3540W PF:1.0000 Freq:0Hz Lamp Flux:118.062x1 lm | | |
| NAME: TL-OU-3220A-12 6W RGBW 2X120D | TYPE: | SERIAL No.: |
| | SUR.: | |
| | | |

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 | 1.76 | 0.24 | 0.27 | 0.34 | 0.36 | 0.40 | 0.44 | 0.47 | 0.48 | 0.51 | 0.55 | 0.58 | 0.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -170 | 1.76 | 0.26 | 0.26 | 0.32 | 0.35 | 0.38 | 0.42 | 0.45 | 0.49 | 0.53 | 0.56 | 0.58 | 0.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -160 | 1.76 | 0.28 | 0.25 | 0.30 | 0.33 | 0.36 | 0.40 | 0.44 | 0.46 | 0.50 | 0.54 | 0.57 | 0.62 | 0.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -150 | 1.76 | 0.29 | 0.25 | 0.28 | 0.30 | 0.33 | 0.36 | 0.39 | 0.42 | 0.44 | 0.46 | 0.48 | 0.49 | 0.49 | 0.49 | 0.49 | 0.52 | 0.56 | 0.58 |
| -140 | 1.76 | 0.30 | 0.26 | 0.25 | 0.27 | 0.30 | 0.31 | 0.33 | 0.35 | 0.36 | 0.36 | 0.35 | 0.35 | 0.36 | 0.34 | 0.36 | 0.38 | 0.39 | 0.40 |
| -130 | 1.76 | 0.33 | 0.36 | 0.23 | 0.24 | 0.25 | 0.26 | 0.26 | 0.26 | 0.26 | 0.23 | 0.22 | 0.23 | 0.21 | 0.21 | 0.20 | 0.19 | 0.18 | 0.17 |
| -120 | 1.76 | 0.49 | 0.44 | 0.28 | 0.21 | 0.21 | 0.22 | 0.20 | 0.19 | 0.16 | 0.15 | 0.14 | 0.13 | 0.11 | 0.11 | 0.13 | 0.13 | 0.13 | 0.12 |
| -110 | 1.76 | 0.78 | 0.42 | 0.57 | 0.34 | 0.20 | 0.17 | 0.15 | 0.14 | 0.12 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 |
| -100 | 1.76 | 1.16 | 0.83 | 0.64 | 0.42 | 0.33 | 0.24 | 0.17 | 0.13 | 0.10 | 0.09 | 0.08 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 |
| -90 | 1.76 | 1.60 | 1.43 | 1.27 | 0.98 | 0.68 | 0.38 | 0.31 | 0.23 | 0.15 | 0.13 | 0.11 | 0.09 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 | 0.07 |
| -80 | 1.76 | 1.92 | 1.81 | 1.66 | 1.49 | 1.21 | 0.77 | 0.66 | 0.56 | 0.45 | 0.42 | 0.38 | 0.35 | 0.35 | 0.34 | 0.33 | 0.32 | 0.32 | 0.32 |
| -70 | 1.76 | 2.14 | 2.39 | 2.48 | 2.28 | 1.99 | 1.55 | 1.37 | 1.31 | 1.17 | 1.15 | 1.14 | 1.12 | 1.12 | 1.12 | 1.10 | 1.10 | 1.09 | 1.07 |
| -60 | 1.76 | 2.36 | 3.01 | 3.20 | 3.29 | 3.17 | 2.78 | 2.39 | 2.44 | 2.44 | 2.38 | 2.47 | 2.49 | 2.49 | 2.52 | 2.51 | 2.51 | 2.50 | 2.44 |
| -50 | 1.76 | 2.70 | 3.49 | 4.46 | 4.52 | 4.53 | 4.33 | 4.08 | 4.18 | 4.44 | 4.51 | 4.59 | 4.75 | 4.74 | 4.80 | 4.83 | 4.79 | 4.78 | 4.66 |
| -40 | 1.76 | 3.30 | 4.16 | 7.57 | 10.3 | 6.03 | 6.31 | 6.60 | 6.99 | 7.45 | 7.79 | 8.08 | 8.48 | 8.64 | 8.68 | 8.85 | 8.73 | 8.76 | 8.52 |
| -30 | 1.76 | 3.56 | 5.08 | 15.8 | 23.0 | 17.6 | 8.57 | 9.79 | 10.6 | 11.3 | 10.9 | 11.5 | 12.2 | 13.0 | 13.5 | 14.2 | 14.5 | 14.7 | 14.6 |
| -20 | 1.76 | 3.69 | 6.27 | 26.5 | 40.3 | 45.8 | 41.2 | 26.0 | 15.1 | 18.0 | 18.9 | 17.3 | 13.7 | 14.5 | 15.2 | 15.7 | 16.3 | 16.6 | 16.7 |
| -10 | 1.76 | 3.80 | 7.43 | 36.2 | 60.2 | 80.0 | 88.5 | 86.8 | 84.2 | 78.1 | 66.0 | 45.7 | 34.4 | 32.1 | 26.9 | 20.5 | 18.7 | 18.1 | 17.4 |
| 0 | 1.76 | 3.89 | 8.21 | 44.6 | 79.3 | 115 | 138 | 152 | 169 | 187 | 204 | 219 | 233 | 248 | 259 | 268 | 273 | 273 | 268 |
| 10 | 1.76 | 3.78 | 7.40 | 36.2 | 60.0 | 79.8 | 88.0 | 86.0 | 82.5 | 75.9 | 64.5 | 46.2 | 38.9 | 39.7 | 35.1 | 25.9 | 23.6 | 23.4 | 22.9 |
| 20 | 1.76 | 3.66 | 6.21 | 26.4 | 40.0 | 45.3 | 40.3 | 24.5 | 12.9 | 15.3 | 17.2 | 16.8 | 13.8 | 14.6 | 15.2 | 15.5 | 15.7 | 15.9 | 15.8 |
| 30 | 1.76 | 3.53 | 4.99 | 15.7 | 22.7 | 17.0 | 7.73 | 8.61 | 9.53 | 10.4 | 10.5 | 11.1 | 11.9 | 12.8 | 13.4 | 14.2 | 14.6 | 15.0 | 15.0 |
| 40 | 1.76 | 3.26 | 4.06 | 7.38 | 9.95 | 5.53 | 5.73 | 5.99 | 6.38 | 6.98 | 7.40 | 7.69 | 8.16 | 8.50 | 8.69 | 8.98 | 8.98 | 9.14 | 9.05 |
| 50 | 1.76 | 2.67 | 3.38 | 4.27 | 4.21 | 4.14 | 3.96 | 3.72 | 3.84 | 4.13 | 4.27 | 4.40 | 4.62 | 4.70 | 4.84 | 4.94 | 4.95 | 5.01 | 4.94 |
| 60 | 1.76 | 2.32 | 2.89 | 3.01 | 3.07 | 2.93 | 2.53 | 2.17 | 2.24 | 2.25 | 2.25 | 2.36 | 2.42 | 2.44 | 2.51 | 2.52 | 2.54 | 2.54 | 2.51 |
| 70 | 1.76 | 2.10 | 2.30 | 2.28 | 2.11 | 1.82 | 1.42 | 1.24 | 1.19 | 1.10 | 1.08 | 1.09 | 1.09 | 1.09 | 1.10 | 1.08 | 1.09 | 1.08 | 1.05 |
| 80 | 1.76 | 1.88 | 1.72 | 1.53 | 1.38 | 1.12 | 0.72 | 0.61 | 0.52 | 0.41 | 0.39 | 0.37 | 0.34 | 0.34 | 0.34 | 0.33 | 0.32 | 0.32 | 0.31 |
| 90 | 1.76 | 1.55 | 1.35 | 1.14 | 0.88 | 0.61 | 0.34 | 0.29 | 0.23 | 0.18 | 0.15 | 0.12 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 |
| 100 | 1.76 | 1.13 | 0.80 | 0.63 | 0.43 | 0.33 | 0.24 | 0.20 | 0.16 | 0.13 | 0.11 | 0.10 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 |
| 110 | 1.76 | 0.76 | 0.42 | 0.56 | 0.36 | 0.24 | 0.21 | 0.19 | 0.17 | 0.18 | 0.16 | 0.15 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 |
| 120 | 1.76 | 0.49 | 0.44 | 0.32 | 0.27 | 0.25 | 0.25 | 0.26 | 0.25 | 0.25 | 0.23 | 0.21 | 0.19 | 0.16 | 0.16 | 0.15 | 0.15 | 0.16 | 0.17 |
| 130 | 1.76 | 0.33 | 0.36 | 0.28 | 0.28 | 0.30 | 0.30 | 0.32 | 0.32 | 0.32 | 0.33 | 0.31 | 0.29 | 0.29 | 0.28 | 0.25 | 0.22 | 0.22 | 0.21 |
| 140 | 1.76 | 0.30 | 0.28 | 0.29 | 0.31 | 0.33 | 0.35 | 0.38 | 0.41 | 0.42 | 0.42 | 0.43 | 0.43 | 0.46 | 0.48 | 0.49 | 0.52 | 0.51 | 0.49 |
| 150 | 1.76 | 0.29 | 0.27 | 0.30 | 0.33 | 0.36 | 0.41 | 0.43 | 0.45 | 0.48 | 0.52 | 0.52 | 0.54 | 0.56 | 0.57 | 0.59 | 0.65 | 0.68 | 0.68 |
| 160 | 1.76 | 0.28 | 0.27 | 0.32 | 0.34 | 0.38 | 0.43 | 0.46 | 0.51 | 0.53 | 0.56 | 0.59 | 0.63 | 0.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170 | 1.76 | 0.26 | 0.27 | 0.33 | 0.35 | 0.40 | 0.44 | 0.46 | 0.51 | 0.54 | 0.56 | 0.58 | 0.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180 | 1.76 | 0.24 | 0.27 | 0.34 | 0.36 | 0.40 | 0.44 | 0.47 | 0.48 | 0.51 | 0.55 | 0.58 | 0.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-03

g Range: 0 - 150DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.402
Humidity:56%
Test Distance:10.580m [K=1.0000]
Remarks:



T-LUCE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------|-------------|
| Test:U:12.132V I:0.4413A P:5.3540W PF:1.0000 Freq:0Hz Lamp Flux:118.062x1 lm | | |
| NAME: TL-OU-3220A-12 6W RGBW 2X120D | TYPE: | SERIAL No.: |
| | SUR.: | |
| | | |

Table--2

UNIT: cd

| H(DEC) V(DEC) | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| -180 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 0.59 | 0.56 | 0.52 | 0.48 | 0.45 | 0.43 | 0.39 | 0.37 | 0.34 | 0.29 | 0.37 | 1.36 | |
| -170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.67 | 0.62 | 0.55 | 0.51 | 0.46 | 0.43 | 0.39 | 0.36 | 0.34 | 0.29 | 0.39 | 1.36 | |
| -160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.69 | 0.67 | 0.62 | 0.57 | 0.54 | 0.50 | 0.46 | 0.41 | 0.37 | 0.35 | 0.34 | 0.27 | 0.40 | 1.36 | |
| -150 | 0.58 | 0.58 | 0.57 | 0.58 | 0.56 | 0.56 | 0.53 | 0.49 | 0.48 | 0.45 | 0.42 | 0.38 | 0.35 | 0.32 | 0.34 | 0.27 | 0.41 | 1.36 | |
| -140 | 0.41 | 0.41 | 0.44 | 0.45 | 0.45 | 0.45 | 0.45 | 0.44 | 0.42 | 0.38 | 0.36 | 0.35 | 0.33 | 0.30 | 0.31 | 0.28 | 0.43 | 1.36 | |
| -130 | 0.18 | 0.18 | 0.22 | 0.26 | 0.28 | 0.30 | 0.34 | 0.35 | 0.33 | 0.33 | 0.32 | 0.31 | 0.28 | 0.31 | 0.26 | 0.38 | 0.45 | 1.36 | |
| -120 | 0.12 | 0.12 | 0.14 | 0.13 | 0.14 | 0.18 | 0.22 | 0.25 | 0.24 | 0.26 | 0.26 | 0.26 | 0.27 | 0.25 | 0.27 | 0.49 | 0.57 | 1.36 | |
| -110 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.12 | 0.15 | 0.17 | 0.19 | 0.19 | 0.21 | 0.24 | 0.24 | 0.32 | 0.56 | 0.51 | 0.75 | 1.36 | |
| -100 | 0.08 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.10 | 0.12 | 0.13 | 0.17 | 0.21 | 0.26 | 0.36 | 0.47 | 0.65 | 0.79 | 0.98 | 1.36 | |
| -90 | 0.08 | 0.08 | 0.08 | 0.09 | 0.10 | 0.10 | 0.13 | 0.16 | 0.18 | 0.24 | 0.30 | 0.36 | 0.58 | 0.81 | 1.03 | 1.14 | 1.25 | 1.36 | |
| -80 | 0.31 | 0.30 | 0.29 | 0.28 | 0.28 | 0.27 | 0.28 | 0.30 | 0.32 | 0.40 | 0.48 | 0.57 | 0.86 | 1.07 | 1.21 | 1.33 | 1.40 | 1.36 | |
| -70 | 1.06 | 1.04 | 1.01 | 0.99 | 0.95 | 0.91 | 0.90 | 0.86 | 0.86 | 0.91 | 0.95 | 1.08 | 1.42 | 1.64 | 1.73 | 1.72 | 1.59 | 1.36 | |
| -60 | 2.43 | 2.39 | 2.35 | 2.31 | 2.20 | 2.12 | 2.02 | 1.88 | 1.84 | 1.79 | 1.70 | 1.98 | 2.31 | 2.37 | 2.33 | 2.11 | 1.79 | 1.36 | |
| -50 | 4.68 | 4.59 | 4.52 | 4.39 | 4.23 | 4.11 | 3.84 | 3.64 | 3.42 | 3.10 | 2.98 | 3.19 | 3.34 | 3.36 | 3.08 | 2.57 | 2.02 | 1.36 | |
| -40 | 8.56 | 8.34 | 8.27 | 7.92 | 7.75 | 7.41 | 6.96 | 6.61 | 5.96 | 5.23 | 4.86 | 4.68 | 4.49 | 6.27 | 4.58 | 3.07 | 2.28 | 1.36 | |
| -30 | 14.4 | 13.9 | 13.3 | 12.6 | 12.0 | 11.3 | 10.7 | 10.1 | 9.18 | 7.99 | 7.00 | 6.33 | 11.4 | 13.2 | 8.30 | 3.57 | 2.45 | 1.36 | |
| -20 | 16.4 | 16.0 | 15.3 | 14.7 | 14.1 | 13.4 | 16.2 | 15.6 | 12.7 | 10.4 | 19.0 | 27.8 | 28.9 | 23.5 | 12.9 | 4.13 | 2.58 | 1.36 | |
| -10 | 17.4 | 17.5 | 18.9 | 24.6 | 30.9 | 33.4 | 41.3 | 54.8 | 61.3 | 64.0 | 65.5 | 61.7 | 50.5 | 35.3 | 17.8 | 4.66 | 2.68 | 1.36 | |
| 0 | 256 | 243 | 231 | 218 | 207 | 195 | 182 | 167 | 151 | 131 | 115 | 97.4 | 72.3 | 46.5 | 21.8 | 5.03 | 2.76 | 1.36 | |
| 10 | 23.8 | 25.0 | 31.0 | 42.8 | 52.4 | 56.7 | 61.1 | 68.6 | 69.5 | 66.5 | 66.2 | 62.0 | 50.6 | 35.4 | 17.8 | 4.69 | 2.69 | 1.36 | |
| 20 | 15.5 | 15.1 | 14.7 | 14.5 | 14.1 | 13.2 | 20.8 | 23.2 | 18.7 | 13.0 | 20.2 | 28.3 | 29.1 | 23.6 | 13.0 | 4.19 | 2.60 | 1.36 | |
| 30 | 14.7 | 14.2 | 13.5 | 12.7 | 12.0 | 11.2 | 10.5 | 9.94 | 9.92 | 8.83 | 7.65 | 6.82 | 11.8 | 13.5 | 8.46 | 3.64 | 2.48 | 1.36 | |
| 40 | 8.98 | 8.65 | 8.50 | 8.09 | 7.85 | 7.43 | 6.97 | 6.66 | 6.11 | 5.47 | 5.14 | 4.98 | 4.85 | 6.57 | 4.76 | 3.16 | 2.32 | 1.36 | |
| 50 | 4.91 | 4.77 | 4.68 | 4.55 | 4.32 | 4.16 | 3.87 | 3.68 | 3.48 | 3.19 | 3.10 | 3.40 | 3.61 | 3.67 | 3.26 | 2.67 | 2.06 | 1.36 | |
| 60 | 2.51 | 2.46 | 2.39 | 2.32 | 2.22 | 2.14 | 2.02 | 1.87 | 1.86 | 1.84 | 1.78 | 2.13 | 2.52 | 2.58 | 2.50 | 2.22 | 1.83 | 1.36 | |
| 70 | 1.05 | 1.03 | 0.99 | 0.98 | 0.94 | 0.91 | 0.89 | 0.86 | 0.87 | 0.96 | 1.01 | 1.17 | 1.54 | 1.79 | 1.91 | 1.83 | 1.63 | 1.36 | |
| 80 | 0.31 | 0.30 | 0.30 | 0.30 | 0.30 | 0.29 | 0.30 | 0.32 | 0.34 | 0.44 | 0.52 | 0.62 | 0.97 | 1.22 | 1.37 | 1.43 | 1.45 | 1.36 | |
| 90 | 0.08 | 0.08 | 0.09 | 0.10 | 0.10 | 0.11 | 0.12 | 0.13 | 0.14 | 0.23 | 0.32 | 0.42 | 0.67 | 0.92 | 1.17 | 1.23 | 1.30 | 1.36 | |
| 100 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.13 | 0.15 | 0.18 | 0.21 | 0.26 | 0.31 | 0.41 | 0.54 | 0.77 | 0.89 | 1.04 | 1.36 | |
| 110 | 0.11 | 0.12 | 0.12 | 0.12 | 0.13 | 0.13 | 0.16 | 0.19 | 0.21 | 0.24 | 0.26 | 0.29 | 0.29 | 0.40 | 0.65 | 0.56 | 0.80 | 1.36 | |
| 120 | 0.18 | 0.18 | 0.19 | 0.20 | 0.21 | 0.23 | 0.27 | 0.29 | 0.30 | 0.30 | 0.31 | 0.32 | 0.33 | 0.30 | 0.33 | 0.55 | 0.60 | 1.36 | |
| 130 | 0.23 | 0.25 | 0.29 | 0.33 | 0.35 | 0.38 | 0.42 | 0.42 | 0.40 | 0.39 | 0.38 | 0.35 | 0.34 | 0.37 | 0.30 | 0.43 | 0.47 | 1.36 | |
| 140 | 0.52 | 0.53 | 0.52 | 0.53 | 0.53 | 0.52 | 0.52 | 0.50 | 0.48 | 0.46 | 0.43 | 0.40 | 0.37 | 0.35 | 0.34 | 0.30 | 0.44 | 1.36 | |
| 150 | 0.70 | 0.69 | 0.66 | 0.66 | 0.64 | 0.61 | 0.60 | 0.57 | 0.54 | 0.51 | 0.46 | 0.44 | 0.40 | 0.36 | 0.38 | 0.28 | 0.42 | 1.36 | |
| 160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.71 | 0.69 | 0.66 | 0.61 | 0.58 | 0.55 | 0.49 | 0.45 | 0.41 | 0.36 | 0.35 | 0.29 | 0.41 | 1.36 | |
| 170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.66 | 0.62 | 0.57 | 0.52 | 0.48 | 0.44 | 0.41 | 0.37 | 0.35 | 0.29 | 0.39 | 1.36 | |
| 180 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 0.59 | 0.56 | 0.52 | 0.48 | 0.45 | 0.43 | 0.39 | 0.37 | 0.34 | 0.29 | 0.37 | 1.36 | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-03

g Range: 0 - 150DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.402
Humidity:56%
Test Distance:10.580m [K=1.0000]
Remarks: