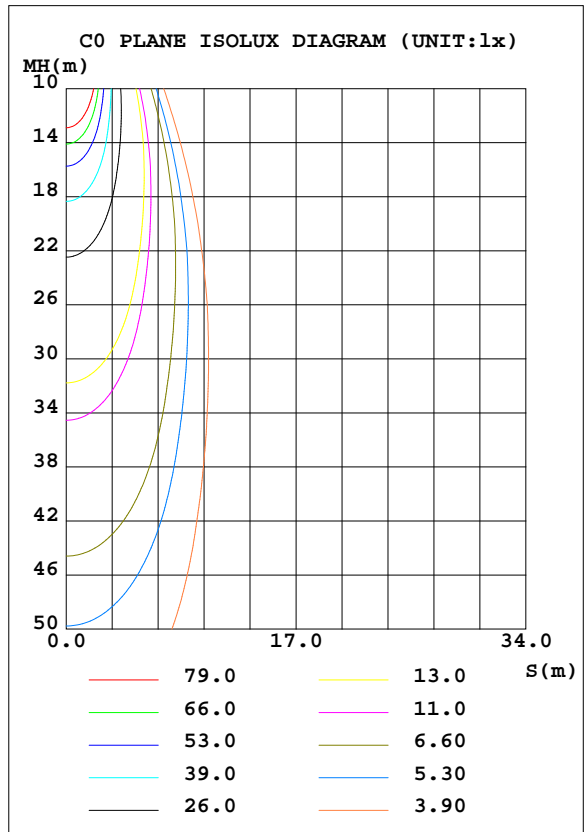
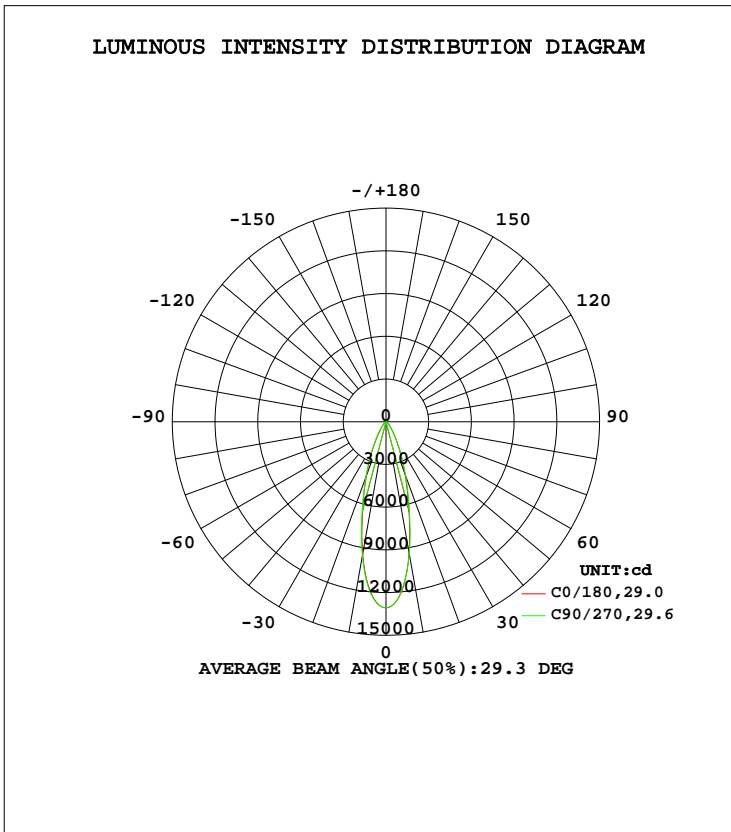


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|----------|---------------------|
| Test:U:220.11V I:0.2254A P:48.242W PF:0.9723 Freq:50.00Hz Lamp Flux:4974.87x1 lm | | |
| NAME: LED Garden Lamp | TYPE:LED | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: Futlight Optoelectronics Co.,Ltd | SUR.: | Shielding Angle:N/A |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 103.12 lm/W | | | |
|------------------|---------|-----------------------------------|--------|--------------------|----------|
| MODEL | FUTC06 | I _{max} (cd) | 13068 | S/MH(C0/180) | 0.49 |
| NOMINAL POWER(W) | 50 | LOR(%) | 100.0 | S/MH(C90/270) | 0.49 |
| RATED VOLTAGE(V) | 100-240 | TOTAL FLUX(lm) | 4974.9 | η UP, DN(C0-180) | 0.1,49.3 |
| NOMINAL FLUX(lm) | 4974.87 | CIE CLASS | DIRECT | η UP, DN(C180-360) | 0.1,50.4 |
| LAMPS INSIDE | 1 | η up(%) | 0.3 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE(V) | 220 | η down(%) | 99.7 | CIBSE SHR MAX | 0.55 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2019-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:56.4%
 Test Distance:26.000m [K=1.3890]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|-----|--------------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|------------|
| 10 | 936.1 | 939.8 | 942.6 | 931.6 | 944.6 | 955.0 | 957.5 | 958.2 | 0- 10 | 1068 | 1068 | 21.5,21.5 |
| 20 | 391.0 | 396.0 | 405.4 | 395.4 | 401.9 | 414.9 | 415.6 | 422.2 | 10- 20 | 1761 | 2829 | 56.9,56.9 |
| 30 | 136.7 | 140.7 | 139.8 | 136.4 | 129.6 | 141.2 | 141.8 | 156.6 | 20- 30 | 1140 | 3970 | 79.8,79.8 |
| 40 | 47.86 | 46.78 | 51.98 | 44.71 | 43.32 | 46.08 | 43.62 | 55.26 | 30- 40 | 520.3 | 4490 | 90.3,90.3 |
| 50 | 20.36 | 21.96 | 25.41 | 19.88 | 19.43 | 19.55 | 15.03 | 21.84 | 40- 50 | 233.9 | 4724 | 95,95 |
| 60 | 10.21 | 11.96 | 13.57 | 10.87 | 9.588 | 9.956 | 7.601 | 11.34 | 50- 60 | 133.4 | 4857 | 97.6,97.6 |
| 70 | 4.159 | 5.603 | 6.167 | 5.014 | 4.003 | 4.389 | 3.240 | 5.131 | 60- 70 | 73.51 | 4931 | 99.1,99.1 |
| 80 | 0.9334 | 1.141 | 0.9755 | 1.045 | 0.9170 | 1.030 | 0.7291 | 1.186 | 70- 80 | 28.45 | 4959 | 99.7,99.7 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 2.741 | 4962 | 99.7,99.7 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 4962 | 99.7,99.7 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 4962 | 99.7,99.7 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0073 | 0 | 110-120 | 0.0002 | 4962 | 99.7,99.7 |
| 130 | 0 | 0 | 0 | 0 | 0.0219 | 0.0222 | 0.0296 | 0.0366 | 120-130 | 0.0290 | 4962 | 99.7,99.7 |
| 140 | 0.1091 | 0.1172 | 0.1100 | 0.1172 | 0.1311 | 0.1177 | 0.1559 | 0.1615 | 130-140 | 0.3486 | 4962 | 99.7,99.7 |
| 150 | 0.6890 | 0.6155 | 0.6201 | 0.6511 | 0.5038 | 0.4634 | 0.5100 | 0.5576 | 140-150 | 1.948 | 4964 | 99.8,99.8 |
| 160 | 1.367 | 1.336 | 1.300 | 1.295 | 1.231 | 1.185 | 1.237 | 1.235 | 150-160 | 4.157 | 4969 | 99.9,99.9 |
| 170 | 1.892 | 1.954 | 2.000 | 1.919 | 1.733 | 1.771 | 1.789 | 1.942 | 160-170 | 4.442 | 4973 | 100,100 |
| 180 | 2.140 | 2.204 | 2.165 | 2.154 | 2.118 | 2.116 | 2.166 | 2.212 | 170-180 | 1.915 | 4975 | 100,100 |
| DEG | LUMINOUS INTENSITY:×10cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 4626.3 lm

%lum = 93.0%
%lamp = 93.0%

Conical surface Flux(120deg): 4857.3 lm

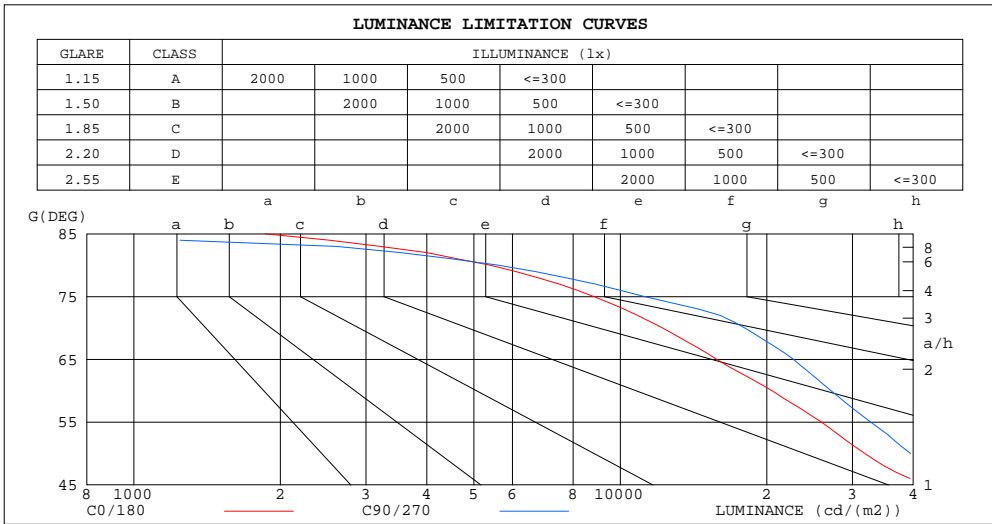
%lum = 97.6%
%lamp = 97.6%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.5DEG
Operators:William
Test Date:2019-12-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
Humidity:56.4%
Test Distance:26.000m [K=1.3890]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|----------|---------------------|
| Test:U:220.11V I:0.2254A P:48.242W PF:0.9723 Freq:50.00Hz Lamp Flux:4974.87x1 lm | | |
| NAME: LED Garden Lamp | TYPE:LED | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: Futlight Optoelectronics Co.,Ltd | SUR.: | Shielding Angle:N/A |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2019-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:56.4%
 Test Distance:26.000m [K=1.3890]
 Remarks:

WEC AND CCEC

| | | |
|--|----------|---------------------|
| Test:U:220.11V I:0.2254A P:48.242W PF:0.9723 Freq:50.00Hz Lamp Flux:4974.87x1 lm | | |
| NAME: LED Garden Lamp | TYPE:LED | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: Futlight Optoelectronics Co.,Ltd | SUR.: | Shielding Angle:N/A |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .169 | .096 | .030 | .162 | .092 | .029 | .149 | .086 | .027 | .137 | .079 | .025 | .127 | .073 | .024 | |
| 2.0 | .160 | .088 | .027 | .154 | .085 | .026 | .143 | .080 | .025 | .134 | .075 | .023 | .125 | .070 | .022 | |
| 3.0 | .151 | .080 | .024 | .146 | .078 | .024 | .137 | .074 | .023 | .128 | .070 | .022 | .121 | .067 | .021 | |
| 4.0 | .142 | .074 | .022 | .138 | .072 | .021 | .130 | .069 | .021 | .123 | .066 | .020 | .116 | .063 | .019 | |
| 5.0 | .134 | .068 | .020 | .131 | .067 | .020 | .124 | .065 | .019 | .118 | .062 | .018 | .112 | .060 | .018 | |
| 6.0 | .127 | .064 | .018 | .124 | .063 | .018 | .118 | .061 | .018 | .113 | .059 | .017 | .108 | .057 | .017 | |
| 7.0 | .121 | .060 | .017 | .118 | .059 | .017 | .113 | .057 | .016 | .108 | .055 | .016 | .104 | .054 | .016 | |
| 8.0 | .115 | .056 | .016 | .113 | .055 | .016 | .108 | .054 | .015 | .104 | .053 | .015 | .100 | .051 | .015 | |
| 9.0 | .110 | .053 | .015 | .108 | .052 | .015 | .104 | .051 | .015 | .100 | .050 | .014 | .096 | .049 | .014 | |
| 10.0 | .105 | .050 | .014 | .103 | .050 | .014 | .099 | .049 | .014 | .096 | .048 | .014 | .093 | .047 | .013 | |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .192 | .192 | .192 | .164 | .164 | .164 | .112 | .112 | .112 | .064 | .064 | .064 | .021 | .021 | .021 | |
| 1.0 | .173 | .159 | .148 | .148 | .137 | .127 | .101 | .094 | .088 | .058 | .054 | .051 | .019 | .018 | .017 | |
| 2.0 | .157 | .135 | .116 | .134 | .116 | .100 | .092 | .080 | .070 | .053 | .047 | .041 | .017 | .015 | .013 | |
| 3.0 | .143 | .115 | .093 | .123 | .100 | .081 | .084 | .069 | .057 | .049 | .040 | .033 | .016 | .013 | .011 | |
| 4.0 | .132 | .101 | .076 | .114 | .087 | .066 | .078 | .061 | .047 | .045 | .035 | .028 | .015 | .012 | .009 | |
| 5.0 | .123 | .089 | .063 | .106 | .077 | .055 | .073 | .054 | .039 | .042 | .032 | .023 | .014 | .010 | .008 | |
| 6.0 | .115 | .079 | .054 | .099 | .069 | .047 | .068 | .048 | .033 | .040 | .028 | .020 | .013 | .009 | .006 | |
| 7.0 | .108 | .071 | .046 | .093 | .062 | .040 | .064 | .043 | .028 | .037 | .026 | .017 | .012 | .008 | .006 | |
| 8.0 | .102 | .065 | .040 | .088 | .056 | .035 | .061 | .040 | .025 | .035 | .023 | .015 | .011 | .008 | .005 | |
| 9.0 | .096 | .060 | .035 | .083 | .052 | .030 | .058 | .036 | .022 | .034 | .021 | .013 | .011 | .007 | .004 | |
| 10.0 | .092 | .055 | .031 | .079 | .048 | .027 | .055 | .034 | .019 | .032 | .020 | .011 | .010 | .007 | .004 | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2019-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:56.4%
 Test Distance:26.000m [K=1.3890]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|----------|----------------|------|---------------------|------|------|
| Test:U:220.11V I:0.2254A P:48.242W PF:0.9723 Freq:50.00Hz Lamp Flux:4974.87x1 lm | | | | | | | | | | |
| NAME: LED Garden Lamp | | | | | TYPE:LED | | | WEIGHT:N/A | | |
| SPEC.:N/A | | | | | DIM.: | | | SERIAL No.:N/A | | |
| MFR.: Futlight Optoelectronics Co.,Ltd | | | | | SUR.: | | | Shielding Angle:N/A | | |
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | Viewed crosswise | | | | | Viewed endwise | | | | |
| x = 2H y = 2H | 19.3 | 20.2 | 19.5 | 20.3 | 20.5 | 20.8 | 21.7 | 21.1 | 21.9 | 22.0 |
| 3H | 19.5 | 20.3 | 19.8 | 20.5 | 20.7 | 21.4 | 22.2 | 21.6 | 22.4 | 22.6 |
| 4H | 19.6 | 20.3 | 19.9 | 20.6 | 20.8 | 21.5 | 22.2 | 21.7 | 22.4 | 22.7 |
| 6H | 19.6 | 20.3 | 19.9 | 20.5 | 20.8 | 21.4 | 22.2 | 21.7 | 22.4 | 22.6 |
| 8H | 19.5 | 20.2 | 19.9 | 20.5 | 20.7 | 21.4 | 22.1 | 21.7 | 22.3 | 22.6 |
| 12H | 19.5 | 20.2 | 19.8 | 20.4 | 20.7 | 21.4 | 22.0 | 21.7 | 22.3 | 22.6 |
| 4H 2H | 19.6 | 20.3 | 19.8 | 20.5 | 20.8 | 20.9 | 21.7 | 21.2 | 21.9 | 22.1 |
| 3H | 19.9 | 20.6 | 20.2 | 20.8 | 21.1 | 21.6 | 22.3 | 21.9 | 22.5 | 22.8 |
| 4H | 20.0 | 20.6 | 20.3 | 20.9 | 21.2 | 21.8 | 22.4 | 22.1 | 22.7 | 23.0 |
| 6H | 20.0 | 20.5 | 20.4 | 20.8 | 21.2 | 21.8 | 22.3 | 22.1 | 22.6 | 23.0 |
| 8H | 19.9 | 20.4 | 20.3 | 20.8 | 21.2 | 21.7 | 22.2 | 22.1 | 22.6 | 22.9 |
| 12H | 19.9 | 20.3 | 20.3 | 20.7 | 21.1 | 21.7 | 22.1 | 22.1 | 22.5 | 22.9 |
| 8H 4H | 20.0 | 20.5 | 20.4 | 20.9 | 21.2 | 21.7 | 22.2 | 22.1 | 22.6 | 22.9 |
| 6H | 20.0 | 20.4 | 20.5 | 20.8 | 21.2 | 21.7 | 22.1 | 22.2 | 22.5 | 23.0 |
| 8H | 20.0 | 20.4 | 20.4 | 20.8 | 21.2 | 21.7 | 22.0 | 22.1 | 22.5 | 22.9 |
| 12H | 19.9 | 20.3 | 20.4 | 20.7 | 21.2 | 21.6 | 21.9 | 22.1 | 22.4 | 22.9 |
| 12H 4H | 20.0 | 20.4 | 20.4 | 20.8 | 21.2 | 21.7 | 22.1 | 22.1 | 22.5 | 22.9 |
| 6H | 20.0 | 20.3 | 20.4 | 20.8 | 21.2 | 21.7 | 22.0 | 22.1 | 22.5 | 22.9 |
| 8H | 20.0 | 20.3 | 20.4 | 20.7 | 21.2 | 21.6 | 21.9 | 22.1 | 22.4 | 22.9 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 1.7 / - 1.7 | | | | | + 0.9 / - 1.2 | | | | |
| 1.5H | + 2.5 / - 1.3 | | | | | + 1.6 / - 0.8 | | | | |
| 2.0H | + 2.2 / - 1.7 | | | | | + 1.5 / - 1.1 | | | | |

CIE Pub.117, 4975 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 5.6)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2019-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:56.4%
 Test Distance:26.000m [K=1.3890]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|----------|---------------------|
| Test:U:220.11V I:0.2254A P:48.242W PF:0.9723 Freq:50.00Hz Lamp Flux:4974.87x1 lm | | |
| NAME: LED Garden Lamp | TYPE:LED | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: Futlight Optoelectronics Co.,Ltd | SUR.: | Shielding Angle:N/A |

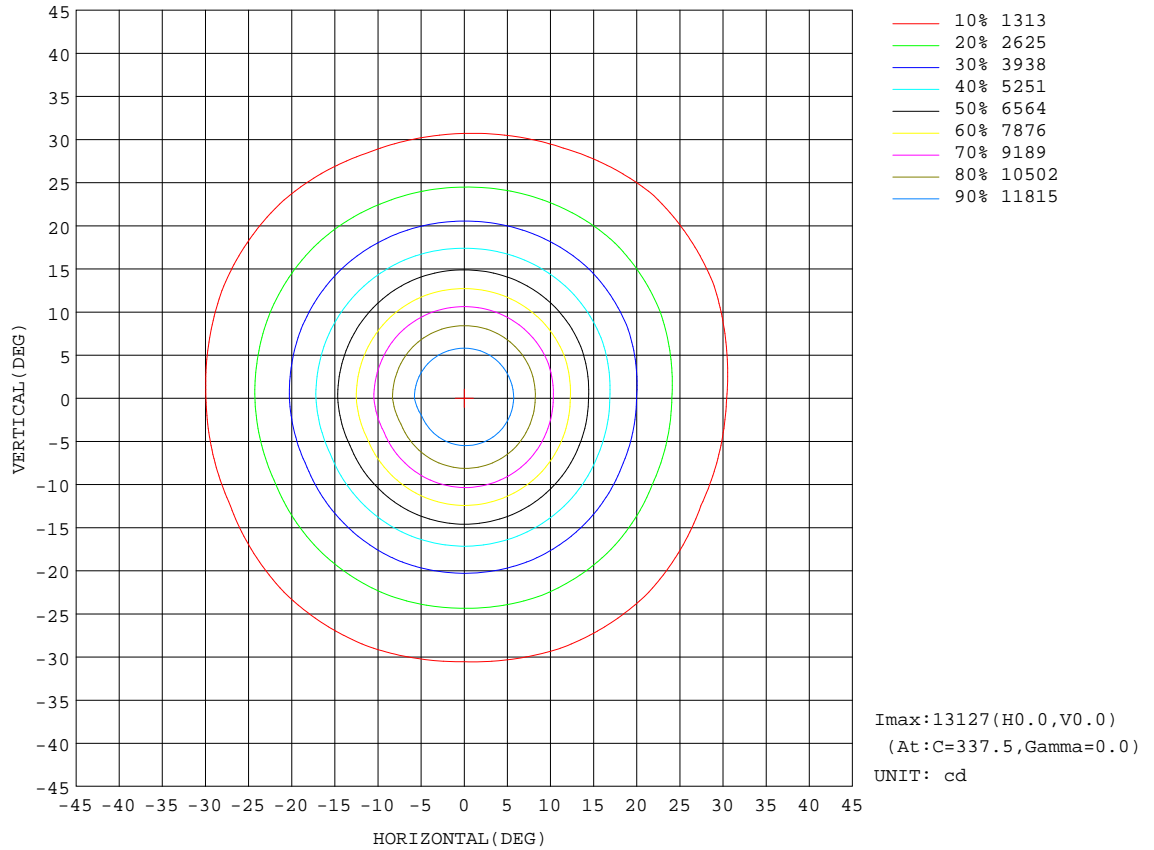
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| k = 0.60 | 85 | 79 | 75 | 85 | 79 | 75 | 84 | 78 | 75 | 71 |
| 0.80 | 93 | 87 | 83 | 92 | 87 | 83 | 91 | 86 | 82 | 78 |
| 1.00 | 98 | 92 | 88 | 97 | 91 | 88 | 95 | 91 | 87 | 83 |
| 1.25 | 102 | 96 | 93 | 101 | 96 | 92 | 99 | 95 | 92 | 87 |
| 1.50 | 105 | 100 | 96 | 104 | 99 | 96 | 101 | 97 | 95 | 90 |
| 2.00 | 108 | 103 | 100 | 106 | 102 | 99 | 103 | 100 | 98 | 92 |
| 2.50 | 110 | 106 | 102 | 108 | 104 | 101 | 105 | 102 | 100 | 93 |
| 3.00 | 111 | 108 | 105 | 109 | 106 | 104 | 106 | 103 | 101 | 95 |
| 4.00 | 113 | 110 | 108 | 111 | 109 | 107 | 108 | 106 | 104 | 97 |
| 5.00 | 115 | 112 | 110 | 112 | 110 | 109 | 108 | 107 | 106 | 98 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2019-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:56.4%
 Test Distance:26.000m [K=1.3890]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|----------|---------------------|
| Test:U:220.11V I:0.2254A P:48.242W PF:0.9723 Freq:50.00Hz Lamp Flux:4974.87x1 lm | | |
| NAME: LED Garden Lamp | TYPE:LED | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: Futlight Optoelectronics Co.,Ltd | SUR.: | Shielding Angle:N/A |

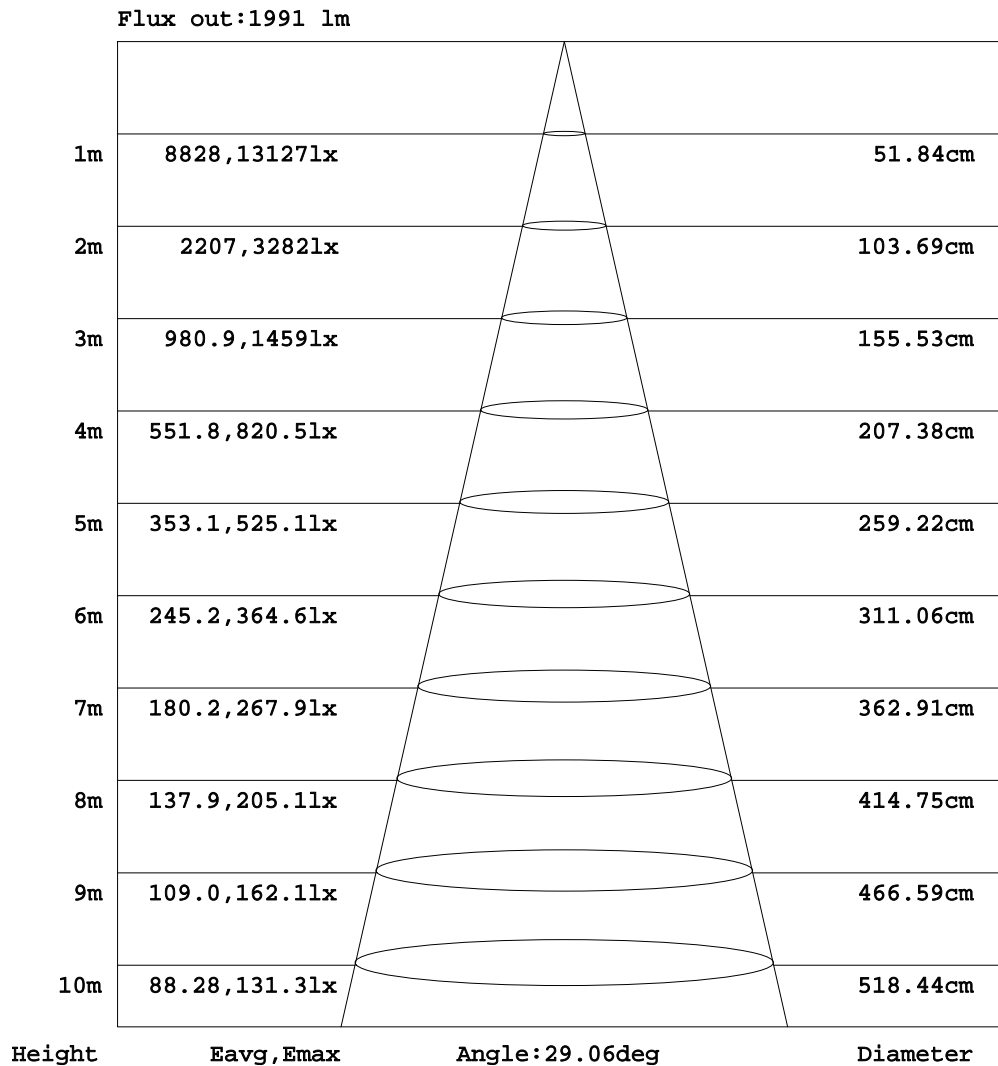


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.5DEG
 Operators: William
 Test Date: 2019-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 56.4%
 Test Distance: 26.000m [K=1.3890]
 Remarks:

AAI Figure

| | | |
|--|----------|---------------------|
| Test:U:220.11V I:0.2254A P:48.242W PF:0.9723 Freq:50.00Hz Lamp Flux:4974.87x1 lm | | |
| NAME: LED Garden Lamp | TYPE:LED | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: Futlight Optoelectronics Co.,Ltd | SUR.: | Shielding Angle:N/A |

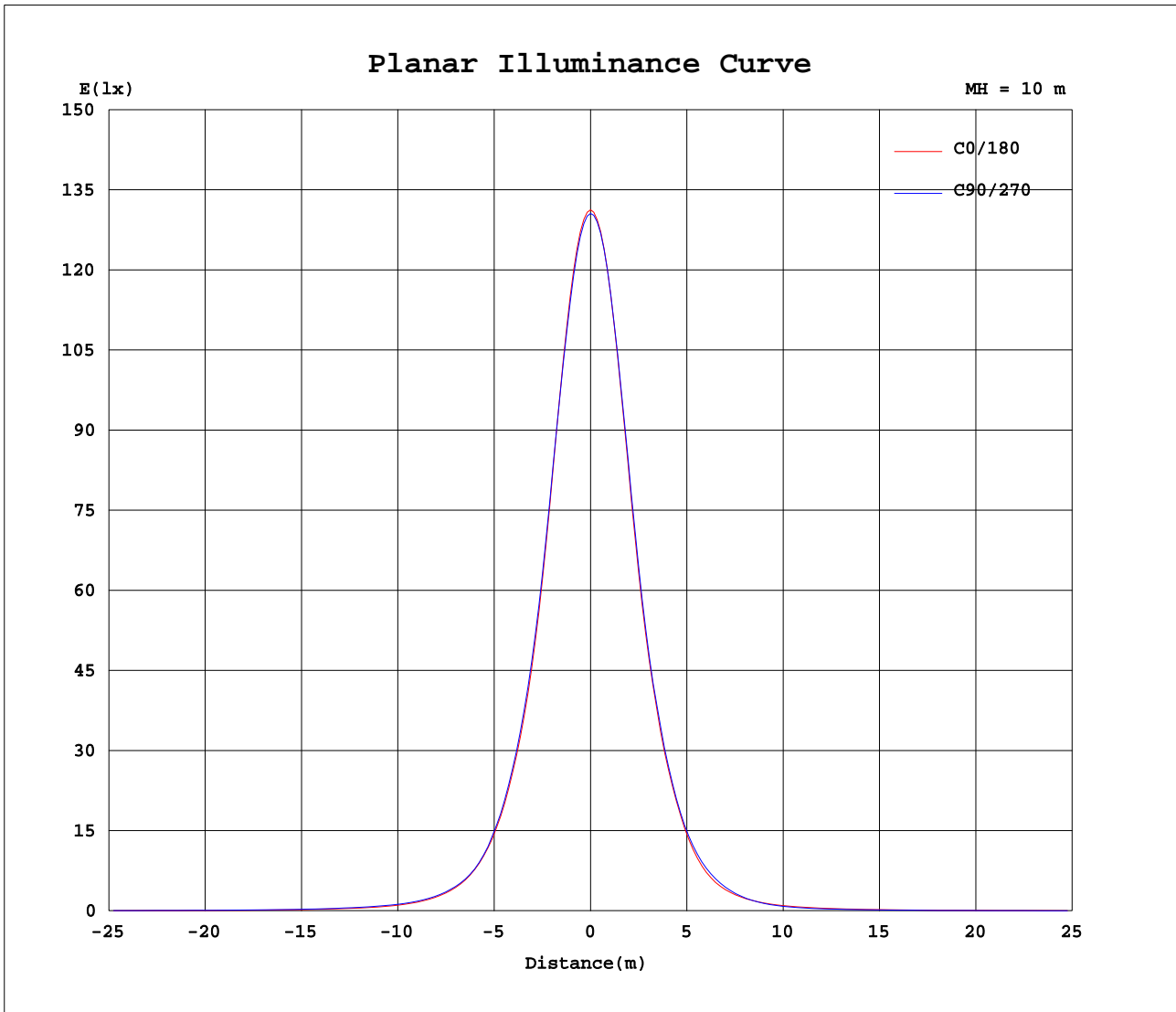


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2019-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:56.4%
 Test Distance:26.000m [K=1.3890]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.5DEG
Operators: William
Test Date: 2019-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
Humidity: 56.4%
Test Distance: 26.000m [K=1.3890]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|----------|---------------------|
| Test:U:220.11V I:0.2254A P:48.242W PF:0.9723 Freq:50.00Hz Lamp Flux:4974.87x1 lm | | |
| NAME: LED Garden Lamp | TYPE:LED | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: Futlight Optoelectronics Co.,Ltd | SUR.: | Shielding Angle:N/A |

Table--1

UNIT: x10cd

| C(DEG) γ (DEG) | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | | | |
|-------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0 | 1307 | 1307 | 1307 | 1307 | 1307 | 1307 | 1307 | 1307 | 1307 | 1307 | 1307 | 1307 | 1307 | 1307 | 1307 | 1307 | | | |
| 5 | 1208 | 1206 | 1206 | 1205 | 1204 | 1203 | 1201 | 1201 | 1209 | 1211 | 1213 | 1214 | 1215 | 1217 | 1216 | 1216 | | | |
| 10 | 936 | 936 | 940 | 941 | 943 | 938 | 932 | 929 | 945 | 949 | 955 | 957 | 957 | 960 | 958 | 957 | | | |
| 15 | 619 | 619 | 625 | 632 | 636 | 632 | 625 | 620 | 635 | 639 | 646 | 650 | 649 | 652 | 651 | 645 | | | |
| 20 | 391 | 387 | 396 | 404 | 405 | 404 | 395 | 389 | 402 | 412 | 415 | 416 | 416 | 419 | 422 | 417 | | | |
| 25 | 236 | 231 | 242 | 248 | 244 | 247 | 240 | 233 | 241 | 247 | 248 | 246 | 248 | 253 | 260 | 256 | | | |
| 30 | 137 | 130 | 141 | 145 | 140 | 142 | 136 | 126 | 130 | 139 | 141 | 137 | 142 | 147 | 157 | 154 | | | |
| 35 | 79.2 | 71.7 | 81.5 | 83.9 | 83.3 | 82.5 | 77.2 | 66.1 | 71.7 | 78.8 | 80.9 | 76.1 | 80.6 | 85.3 | 94.0 | 92.3 | | | |
| 40 | 47.9 | 40.6 | 46.8 | 50.7 | 52.0 | 50.8 | 44.7 | 36.6 | 43.3 | 47.4 | 46.1 | 40.9 | 43.6 | 48.4 | 55.3 | 55.2 | | | |
| 45 | 29.7 | 24.5 | 30.0 | 34.7 | 34.6 | 34.0 | 27.9 | 22.2 | 27.3 | 30.9 | 27.7 | 22.3 | 23.9 | 27.2 | 32.8 | 34.7 | | | |
| 50 | 20.4 | 16.8 | 22.0 | 25.7 | 25.4 | 24.7 | 19.9 | 15.0 | 19.4 | 22.6 | 19.6 | 14.7 | 15.0 | 16.8 | 21.8 | 24.5 | | | |
| 55 | 14.8 | 11.9 | 16.2 | 19.0 | 18.8 | 18.2 | 14.8 | 10.4 | 13.8 | 16.6 | 14.1 | 10.5 | 10.7 | 11.7 | 15.9 | 18.5 | | | |
| 60 | 10.2 | 8.21 | 12.0 | 14.0 | 13.6 | 13.2 | 10.9 | 7.11 | 9.59 | 12.0 | 9.96 | 7.35 | 7.60 | 8.27 | 11.3 | 13.7 | | | |
| 65 | 6.64 | 5.52 | 8.47 | 10.1 | 9.60 | 9.44 | 7.65 | 4.85 | 6.37 | 8.52 | 6.82 | 5.01 | 5.14 | 5.58 | 7.89 | 9.83 | | | |
| 70 | 4.16 | 3.45 | 5.60 | 6.73 | 6.17 | 6.18 | 5.01 | 3.13 | 4.00 | 5.60 | 4.39 | 3.20 | 3.24 | 3.51 | 5.13 | 6.54 | | | |
| 75 | 2.27 | 1.91 | 3.12 | 3.57 | 2.90 | 3.30 | 2.81 | 1.77 | 2.23 | 3.21 | 2.46 | 1.78 | 1.81 | 1.95 | 2.89 | 3.77 | | | |
| 80 | 0.93 | 0.78 | 1.14 | 1.13 | 0.98 | 1.03 | 1.05 | 0.74 | 0.92 | 1.38 | 1.03 | 0.71 | 0.73 | 0.79 | 1.19 | 1.51 | | | |
| 85 | 0.16 | 0.12 | 0.10 | 0.05 | 0.04 | 0.04 | 0.10 | 0.11 | 0.13 | 0.19 | 0.10 | 0.04 | 0.04 | 0.06 | 0.10 | 0.21 | | | |
| 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 | | | |
| 95 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | | | |
| 105 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | | | |
| 115 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 0.01 | 0.00 | 0.00 | 0.00 | | | |
| 125 | 0.00 | 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 | 0.01 | 0.00 | | | |
| 130 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.01 | 0.02 | 0.01 | 0.03 | 0.02 | 0.04 | 0.03 | | | |
| 135 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.05 | 0.04 | 0.06 | 0.06 | 0.07 | 0.07 | 0.08 | 0.07 | | | |
| 140 | 0.11 | 0.11 | 0.12 | 0.12 | 0.11 | 0.12 | 0.12 | 0.12 | 0.13 | 0.12 | 0.12 | 0.14 | 0.16 | 0.18 | 0.16 | 0.16 | | | |
| 145 | 0.33 | 0.32 | 0.27 | 0.33 | 0.28 | 0.32 | 0.32 | 0.31 | 0.26 | 0.25 | 0.24 | 0.28 | 0.30 | 0.33 | 0.31 | 0.32 | | | |
| 150 | 0.69 | 0.65 | 0.62 | 0.64 | 0.62 | 0.62 | 0.65 | 0.61 | 0.50 | 0.49 | 0.46 | 0.52 | 0.51 | 0.59 | 0.56 | 0.59 | | | |
| 155 | 1.02 | 1.00 | 0.96 | 0.95 | 0.93 | 0.94 | 0.97 | 0.93 | 0.85 | 0.85 | 0.82 | 0.86 | 0.84 | 0.90 | 0.80 | 0.97 | | | |
| 160 | 1.37 | 1.33 | 1.34 | 1.30 | 1.30 | 1.29 | 1.30 | 1.28 | 1.23 | 1.21 | 1.19 | 1.25 | 1.24 | 1.24 | 1.24 | 1.36 | | | |
| 165 | 1.64 | 1.61 | 1.65 | 1.64 | 1.63 | 1.57 | 1.65 | 1.62 | 1.56 | 1.54 | 1.52 | 1.57 | 1.55 | 1.66 | 1.72 | 1.68 | | | |
| 170 | 1.89 | 1.87 | 1.95 | 1.99 | 2.00 | 1.93 | 1.92 | 1.88 | 1.73 | 1.74 | 1.77 | 1.77 | 1.79 | 1.83 | 1.94 | 1.87 | | | |
| 175 | 2.11 | 2.08 | 2.17 | 2.24 | 2.17 | 2.15 | 2.16 | 2.11 | 1.99 | 1.98 | 1.97 | 1.99 | 2.00 | 2.08 | 2.13 | 2.02 | | | |
| 180 | 2.14 | 2.09 | 2.20 | 2.13 | 2.17 | 2.15 | 2.15 | 2.13 | 2.12 | 2.15 | 2.12 | 2.21 | 2.17 | 2.17 | 2.21 | 2.17 | | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2019-12-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:56.4%
 Test Distance:26.000m [K=1.3890]
 Remarks: