

# LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

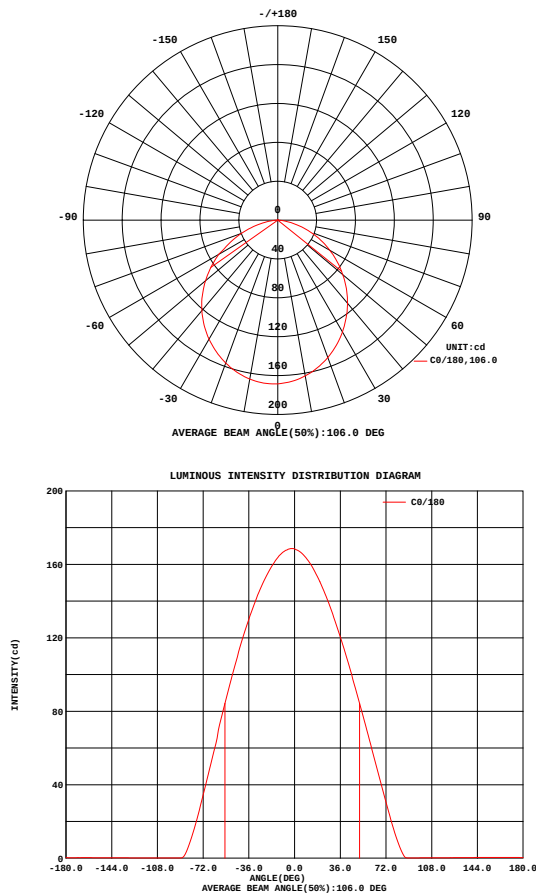


Fig. C0/C180

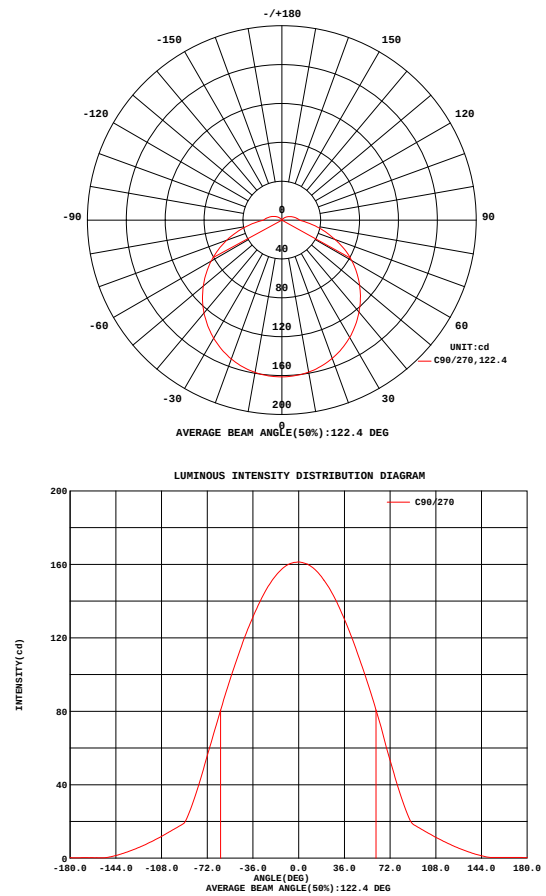


Fig. C90/C270

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yt  
Test Date:2020-09-28

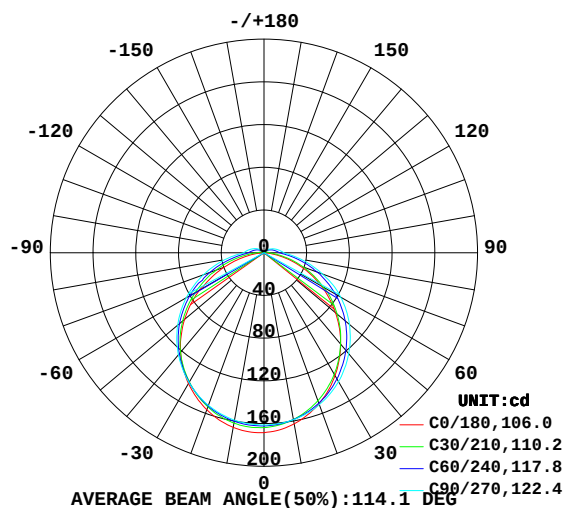
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.593m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

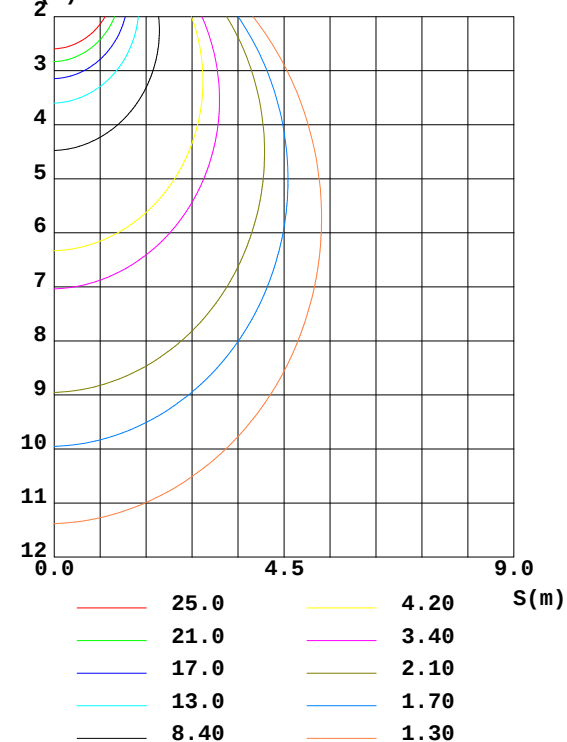
|                    |       |                        |
|--------------------|-------|------------------------|
| NAME: 125斜顶LED太阳能灯 | TYPE: | WEIGHT:                |
| SPEC.:             | DIM.: | SERIAL No.:A2020092802 |
| MFR.: UTEC         | SUR.: | Shielding Angle:       |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 54.82 lm/W |        |                         |           |
|------------------|---------|----------------------------------|--------|-------------------------|-----------|
| MODEL            |         | Imax(cd)                         | 168.6  | S/MH(C0/180)            | 1.25      |
| NOMINAL POWER(W) | 9.24    | LOR(%)                           | 100.0  | S/MH(C90/270)           | 1.29      |
| RATED VOLTAGE(V) | 4.2     | TOTAL FLUX(lm)                   | 506.56 | $\eta$ UP, DN(C0-180)   | 2.4, 47.4 |
| NOMINAL FLUX(lm) | 506.559 | CIE CLASS                        | DIRECT | $\eta$ UP, DN(C180-360) | 2.4, 47.7 |
| LAMPS INSIDE     | 1       | $\eta$ up(%)                     | 4.8    | CIBSE SHR NOM           | 1.25      |
| TEST VOLTAGE(V)  | 4.2     | $\eta$ down(%)                   | 95.2   | CIBSE SHR MAX           | 1.35      |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: yt  
 Test Date: 2020-09-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
 Humidity: 65.0%  
 Test Distance: 1.593m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

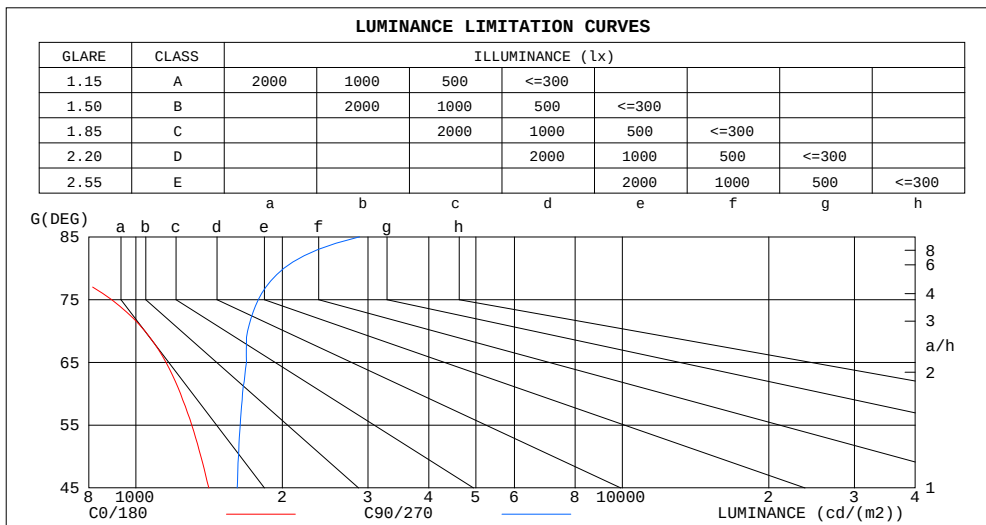
| γ   | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | γ       | Φ zone   | Φ total | %lum, lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|----------|---------|------------|
| 10  | 162.7                 | 158.5  | 158.8  | 158.9  | 166.1  | 161.0  | 159.1  | 156.6  | 0- 10   | 15.35    | 15.35   | 3.03,3.03  |
| 20  | 150.5                 | 148.6  | 151.4  | 150.9  | 156.5  | 153.2  | 152.1  | 146.9  | 10- 20  | 43.87    | 59.21   | 11.7,11.7  |
| 30  | 133.0                 | 133.8  | 139.5  | 137.9  | 141.5  | 140.0  | 140.4  | 132.5  | 20- 30  | 66.36    | 125.6   | 24.8,24.8  |
| 40  | 111.7                 | 115.4  | 123.5  | 120.6  | 121.6  | 122.5  | 124.7  | 114.3  | 30- 40  | 80.08    | 205.6   | 40.6,40.6  |
| 50  | 87.42                 | 94.27  | 104.4  | 100.1  | 97.07  | 101.3  | 105.6  | 93.45  | 40- 50  | 83.59    | 289.2   | 57.1,57.1  |
| 60  | 61.76                 | 71.12  | 82.84  | 76.67  | 69.76  | 77.38  | 83.92  | 70.33  | 50- 60  | 76.73    | 366.0   | 72.2,72.2  |
| 70  | 35.69                 | 46.37  | 58.06  | 50.46  | 39.72  | 51.25  | 60.31  | 45.89  | 60- 70  | 60.37    | 426.3   | 84.2,84.2  |
| 80  | 11.59                 | 23.70  | 35.00  | 27.39  | 13.68  | 26.87  | 36.98  | 23.53  | 70- 80  | 38.32    | 464.7   | 91.7,91.7  |
| 90  | 0.1706                | 10.15  | 18.55  | 11.02  | 0.1014 | 10.79  | 19.22  | 10.36  | 80- 90  | 17.38    | 482.1   | 95.2,95.2  |
| 100 | 0.1775                | 7.346  | 14.47  | 7.871  | 0.1117 | 7.699  | 15.03  | 7.572  | 90-100  | 9.436    | 491.5   | 97,97      |
| 110 | 0.2081                | 5.017  | 10.65  | 5.353  | 0.1296 | 5.228  | 11.11  | 5.228  | 100-110 | 6.668    | 498.2   | 98.3,98.3  |
| 120 | 0.2513                | 3.107  | 7.270  | 3.302  | 0.1463 | 3.192  | 7.637  | 3.274  | 110-120 | 4.281    | 502.4   | 99.2,99.2  |
| 130 | 0.2853                | 1.569  | 4.398  | 1.667  | 0.1674 | 1.578  | 4.663  | 1.675  | 120-130 | 2.403    | 504.8   | 99.7,99.7  |
| 140 | 0.3349                | 0.4632 | 2.054  | 0.4925 | 0.2001 | 0.4494 | 2.238  | 0.5104 | 130-140 | 1.088    | 505.9   | 99.9,99.9  |
| 150 | 0.3780                | 0.3551 | 0.4411 | 0.3384 | 0.2455 | 0.2361 | 0.4827 | 0.2490 | 140-150 | 0.3542   | 506.3   | 99.9,99.9  |
| 160 | 0.4126                | 0.4006 | 0.4019 | 0.3966 | 0.2626 | 0.2632 | 0.2564 | 0.2566 | 150-160 | 0.1465   | 506.4   | 100,100    |
| 170 | 0.4221                | 0.3998 | 0.4121 | 0.4151 | 0.2616 | 0.2576 | 0.2660 | 0.2561 | 160-170 | 0.0955   | 506.5   | 100,100    |
| 180 | 0.3102                | 0.3073 | 0.3015 | 0.3052 | 0.3011 | 0.2961 | 0.2852 | 0.2977 | 170-180 | 0.0302   | 506.6   | 100,100    |
| DEG | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |         | UNIT: lm |         |            |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yt  
Test Date:2020-09-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.593m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

|                    |       |                        |
|--------------------|-------|------------------------|
| NAME: 125斜顶LED太阳能灯 | TYPE: | WEIGHT:                |
| SPEC.:             | DIM.: | SERIAL No.:A2020092802 |
| MFR.: UTEC         | SUR.: | Shielding Angle:       |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 313    | 2881    |
| 80                | 668    | 2016    |
| 75                | 891    | 1786    |
| 70                | 1043   | 1697    |
| 65                | 1153   | 1687    |
| 60                | 1235   | 1657    |
| 55                | 1303   | 1639    |
| 50                | 1360   | 1625    |
| 45                | 1413   | 1615    |

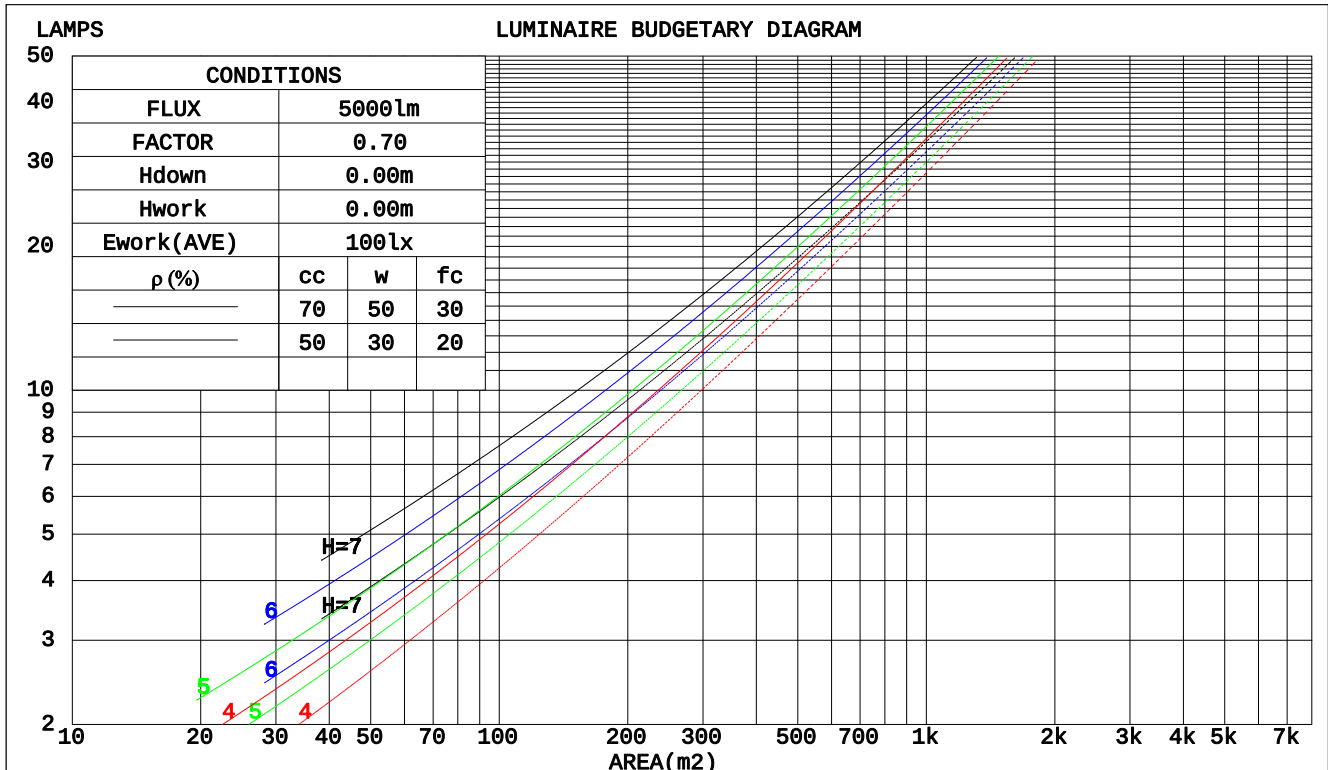
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yt  
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γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.593m [K=1.0000]  
Remarks:

# CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                    |       |                        |
|--------------------|-------|------------------------|
| NAME: 125斜顶LED太阳能灯 | TYPE: | WEIGHT:                |
| SPEC.:             | DIM.: | SERIAL No.:A2020092802 |
| MFR.: UTEC         | SUR.: | Shielding Angle:       |

| $\rho_{CC}$ | 80%                             |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10% |     |     | 0   |
|-------------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|
| $\rho_W$    | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50% | 30% | 10% | 0   |
| $\rho_{fc}$ | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20% |     |     | 0   |
| RCR         | Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |
|             | RCR:Room Cavity Ratio           |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |
| 0.0         | 1.18                            | 1.18 | 1.18 | 1.15 | 1.15 | 1.15 | 1.08 | 1.08 | 1.08 | 1.03 | 1.03 | 1.03 | .98 | .98 | .98 | .95 |
| 1.0         | 1.02                            | .97  | .93  | .99  | .95  | .91  | .94  | .90  | .87  | .89  | .86  | .84  | .85 | .82 | .80 | .78 |
| 2.0         | .88                             | .81  | .75  | .86  | .79  | .74  | .81  | .76  | .71  | .77  | .73  | .69  | .74 | .70 | .67 | .64 |
| 3.0         | .77                             | .69  | .62  | .75  | .67  | .61  | .72  | .65  | .59  | .68  | .63  | .58  | .65 | .60 | .56 | .54 |
| 4.0         | .68                             | .59  | .52  | .67  | .58  | .52  | .63  | .56  | .50  | .60  | .54  | .49  | .58 | .52 | .48 | .46 |
| 5.0         | .61                             | .52  | .45  | .59  | .51  | .44  | .57  | .49  | .44  | .54  | .48  | .43  | .52 | .46 | .42 | .39 |
| 6.0         | .55                             | .46  | .39  | .53  | .45  | .39  | .51  | .44  | .38  | .49  | .42  | .37  | .47 | .41 | .37 | .34 |
| 7.0         | .50                             | .41  | .34  | .48  | .40  | .34  | .47  | .39  | .34  | .45  | .38  | .33  | .43 | .37 | .32 | .30 |
| 8.0         | .45                             | .37  | .31  | .44  | .36  | .30  | .43  | .35  | .30  | .41  | .34  | .29  | .39 | .33 | .29 | .27 |
| 9.0         | .41                             | .33  | .28  | .41  | .33  | .27  | .39  | .32  | .27  | .38  | .31  | .27  | .36 | .30 | .26 | .24 |
| 10.0        | .38                             | .30  | .25  | .37  | .30  | .25  | .36  | .29  | .24  | .35  | .29  | .24  | .34 | .28 | .24 | .22 |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yt  
Test Date:2020-09-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.593m [K=1.0000]  
Remarks:

# WEC AND CCEC

|                    |       |                        |
|--------------------|-------|------------------------|
| NAME: 125斜顶LED太阳能灯 | TYPE: | WEIGHT:                |
| SPEC.:             | DIM.: | SERIAL No.:A2020092802 |
| MFR.: UTEC         | SUR.: | Shielding Angle:       |

| $\rho_{cc}$ | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|--|
| $\rho_w$    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| $\rho_{fc}$ | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR         | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0         |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |  |
| 1.0         | .329                  | .187 | .059 | .321 | .183 | .058 | .305                            | .175 | .056 | .290 | .167 | .054 | .276 | .160 | .052 |   |  |
| 2.0         | .302                  | .166 | .051 | .295 | .162 | .050 | .280                            | .156 | .048 | .267 | .150 | .047 | .255 | .144 | .045 |   |  |
| 3.0         | .276                  | .147 | .044 | .270 | .144 | .043 | .257                            | .139 | .042 | .245 | .134 | .041 | .234 | .130 | .040 |   |  |
| 4.0         | .253                  | .132 | .039 | .247 | .129 | .038 | .236                            | .125 | .037 | .225 | .121 | .036 | .215 | .117 | .036 |   |  |
| 5.0         | .233                  | .119 | .034 | .228 | .117 | .034 | .217                            | .113 | .033 | .208 | .110 | .033 | .199 | .106 | .032 |   |  |
| 6.0         | .215                  | .108 | .031 | .211 | .106 | .031 | .201                            | .103 | .030 | .193 | .100 | .029 | .185 | .097 | .029 |   |  |
| 7.0         | .200                  | .099 | .028 | .196 | .097 | .028 | .187                            | .095 | .027 | .180 | .092 | .027 | .172 | .089 | .026 |   |  |
| 8.0         | .187                  | .091 | .026 | .183 | .090 | .025 | .175                            | .087 | .025 | .168 | .085 | .025 | .161 | .083 | .024 |   |  |
| 9.0         | .175                  | .084 | .024 | .171 | .083 | .023 | .164                            | .081 | .023 | .158 | .079 | .023 | .152 | .077 | .022 |   |  |
| 10.0        | .164                  | .079 | .022 | .161 | .078 | .022 | .154                            | .076 | .021 | .149 | .074 | .021 | .143 | .072 | .021 |   |  |

| ρ <sub>CC</sub> | 80%                   |      |      | 70%  |      |      | 50%                                        |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-----------------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| ρ <sub>W</sub>  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| ρ <sub>fC</sub> | 20%                   |      |      | 20%  |      |      | 20%                                        |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR             | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0             | .227                  | .227 | .227 | .194 | .194 | .194 | .133                                       | .133 | .133 | .076 | .076 | .076 | .024 | .024 | .024 |   |
| 1.0             | .219                  | .193 | .170 | .187 | .166 | .146 | .128                                       | .114 | .101 | .074 | .066 | .059 | .024 | .021 | .019 |   |
| 2.0             | .211                  | .169 | .134 | .181 | .146 | .116 | .124                                       | .101 | .081 | .071 | .059 | .047 | .023 | .019 | .015 |   |
| 3.0             | .203                  | .152 | .111 | .174 | .131 | .096 | .120                                       | .091 | .068 | .069 | .053 | .040 | .022 | .017 | .013 |   |
| 4.0             | .196                  | .139 | .095 | .168 | .120 | .083 | .115                                       | .084 | .058 | .067 | .049 | .035 | .021 | .016 | .011 |   |
| 5.0             | .188                  | .129 | .085 | .162 | .111 | .074 | .111                                       | .078 | .052 | .064 | .046 | .031 | .021 | .015 | .010 |   |
| 6.0             | .181                  | .120 | .077 | .155 | .104 | .067 | .107                                       | .073 | .047 | .062 | .043 | .028 | .020 | .014 | .009 |   |
| 7.0             | .174                  | .114 | .071 | .150 | .098 | .062 | .103                                       | .069 | .044 | .060 | .041 | .026 | .019 | .013 | .009 |   |
| 8.0             | .167                  | .108 | .067 | .144 | .093 | .058 | .100                                       | .066 | .041 | .058 | .039 | .025 | .019 | .013 | .008 |   |
| 9.0             | .161                  | .103 | .063 | .139 | .089 | .055 | .096                                       | .063 | .039 | .056 | .037 | .023 | .018 | .012 | .008 |   |
| 10.0            | .156                  | .099 | .061 | .134 | .086 | .053 | .093                                       | .060 | .038 | .054 | .036 | .022 | .018 | .012 | .007 |   |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yt  
Test Date:2020-09-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.593m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

|                                                    |     |     |     |     |                  |      |      |      |      |                        |      |      |      |      |
|----------------------------------------------------|-----|-----|-----|-----|------------------|------|------|------|------|------------------------|------|------|------|------|
| NAME: 125斜顶LED太阳能灯                                 |     |     |     |     | TYPE:            |      |      |      |      | WEIGHT:                |      |      |      |      |
| SPEC.:                                             |     |     |     |     | DIM.:            |      |      |      |      | SERIAL No.:A2020092802 |      |      |      |      |
| MFR.: UTEC                                         |     |     |     |     | SUR.:            |      |      |      |      | Shielding Angle:       |      |      |      |      |
| 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                                      |     |     |     |     | 15.4             | 16.9 | 15.8 | 17.2 | 17.5 | 16.8                   | 18.2 | 17.1 | 18.5 | 18.8 |
| 3H                                                 |     |     |     |     | 16.7             | 18.0 | 17.0 | 18.4 | 18.7 | 18.7                   | 20.1 | 19.1 | 20.4 | 20.7 |
| 4H                                                 |     |     |     |     | 17.1             | 18.4 | 17.5 | 18.7 | 19.1 | 19.6                   | 20.9 | 20.0 | 21.3 | 21.6 |
| 6H                                                 |     |     |     |     | 17.3             | 18.5 | 17.7 | 18.9 | 19.2 | 20.5                   | 21.7 | 20.9 | 22.1 | 22.5 |
| 8H                                                 |     |     |     |     | 17.3             | 18.5 | 17.7 | 18.9 | 19.2 | 21.0                   | 22.1 | 21.4 | 22.5 | 22.9 |
| 12H                                                |     |     |     |     | 17.3             | 18.4 | 17.7 | 18.8 | 19.2 | 21.4                   | 22.6 | 21.8 | 22.9 | 23.3 |
| 4H 2H                                              |     |     |     |     | 16.2             | 17.5 | 16.6 | 17.8 | 18.2 | 17.2                   | 18.5 | 17.6 | 18.9 | 19.2 |
| 3H                                                 |     |     |     |     | 17.6             | 18.8 | 18.1 | 19.2 | 19.6 | 19.4                   | 20.5 | 19.8 | 20.9 | 21.3 |
| 4H                                                 |     |     |     |     | 18.2             | 19.2 | 18.6 | 19.6 | 20.1 | 20.5                   | 21.5 | 20.9 | 21.9 | 22.3 |
| 6H                                                 |     |     |     |     | 18.5             | 19.4 | 19.0 | 19.9 | 20.3 | 21.5                   | 22.5 | 22.0 | 22.9 | 23.4 |
| 8H                                                 |     |     |     |     | 18.5             | 19.4 | 19.0 | 19.9 | 20.3 | 22.1                   | 23.0 | 22.6 | 23.4 | 23.9 |
| 12H                                                |     |     |     |     | 18.5             | 19.3 | 19.0 | 19.8 | 20.3 | 22.7                   | 23.5 | 23.2 | 24.0 | 24.5 |
| 8H 4H                                              |     |     |     |     | 18.7             | 19.5 | 19.2 | 20.0 | 20.5 | 20.7                   | 21.5 | 21.1 | 22.0 | 22.5 |
| 6H                                                 |     |     |     |     | 19.2             | 19.9 | 19.7 | 20.4 | 20.9 | 21.9                   | 22.7 | 22.5 | 23.2 | 23.7 |
| 8H                                                 |     |     |     |     | 19.3             | 19.9 | 19.8 | 20.5 | 21.0 | 22.6                   | 23.3 | 23.2 | 23.8 | 24.4 |
| 12H                                                |     |     |     |     | 19.3             | 19.9 | 19.9 | 20.4 | 21.0 | 23.4                   | 24.0 | 24.0 | 24.5 | 25.1 |
| 12H 4H                                             |     |     |     |     | 18.8             | 19.6 | 19.3 | 20.0 | 20.6 | 20.6                   | 21.4 | 21.1 | 21.9 | 22.4 |
| 6H                                                 |     |     |     |     | 19.4             | 20.0 | 19.9 | 20.5 | 21.1 | 22.0                   | 22.6 | 22.5 | 23.1 | 23.7 |
| 8H                                                 |     |     |     |     | 19.6             | 20.1 | 20.1 | 20.7 | 21.3 | 22.8                   | 23.3 | 23.3 | 23.8 | 24.4 |
| Variations with the observer position at spacings: |     |     |     |     |                  |      |      |      |      |                        |      |      |      |      |
| S = 1.0H                                           |     |     |     |     | + 0.1 / - 0.2    |      |      |      |      | + 0.1 / - 0.2          |      |      |      |      |
| 1.5H                                               |     |     |     |     | + 0.2 / - 0.2    |      |      |      |      | + 0.2 / - 0.3          |      |      |      |      |
| 2.0H                                               |     |     |     |     | + 0.2 / - 0.2    |      |      |      |      | + 0.2 / - 0.4          |      |      |      |      |

CIE Pub.117, 506.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.4)  
Area: 0.1 m2

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yt  
Test Date:2020-09-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.593m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                    |       |                        |
|--------------------|-------|------------------------|
| NAME: 125斜顶LED太阳能灯 | TYPE: | WEIGHT:                |
| SPEC.:             | DIM.: | SERIAL No.:A2020092802 |
| MFR.: UTEC         | SUR.: | Shielding Angle:       |

| 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) x RCR = 5 |     |     |     |     |     |     |     |     |        |
| k = 0.60                         | 55                                              | 43  | 36  | 54  | 43  | 36  | 53  | 42  | 36  | 29     |
| 0.80                             | 65                                              | 53  | 45  | 64  | 52  | 45  | 62  | 51  | 45  | 37     |
| 1.00                             | 73                                              | 61  | 54  | 72  | 61  | 53  | 69  | 62  | 53  | 45     |
| 1.25                             | 80                                              | 69  | 61  | 78  | 68  | 61  | 75  | 66  | 60  | 52     |
| 1.50                             | 85                                              | 75  | 67  | 83  | 73  | 66  | 80  | 71  | 65  | 57     |
| 2.00                             | 92                                              | 83  | 76  | 90  | 81  | 75  | 86  | 79  | 73  | 64     |
| 2.50                             | 96                                              | 88  | 81  | 94  | 86  | 80  | 89  | 83  | 78  | 68     |
| 3.00                             | 100                                             | 92  | 86  | 97  | 90  | 85  | 92  | 87  | 82  | 72     |
| 4.00                             | 104                                             | 97  | 92  | 101 | 95  | 91  | 96  | 91  | 87  | 77     |
| 5.00                             | 106                                             | 101 | 96  | 103 | 99  | 94  | 98  | 94  | 91  | 80     |
| ROOM INDEX                       | UF(total)                                       |     |     |     |     |     |     |     |     | Direct |
| According to DIN EN 13032-2 2004 |                                                 |     |     |     |     |     |     |     |     |        |
| Suspended                        |                                                 |     |     |     |     |     |     |     |     |        |
| SHRNOM = 1.25                    |                                                 |     |     |     |     |     |     |     |     |        |

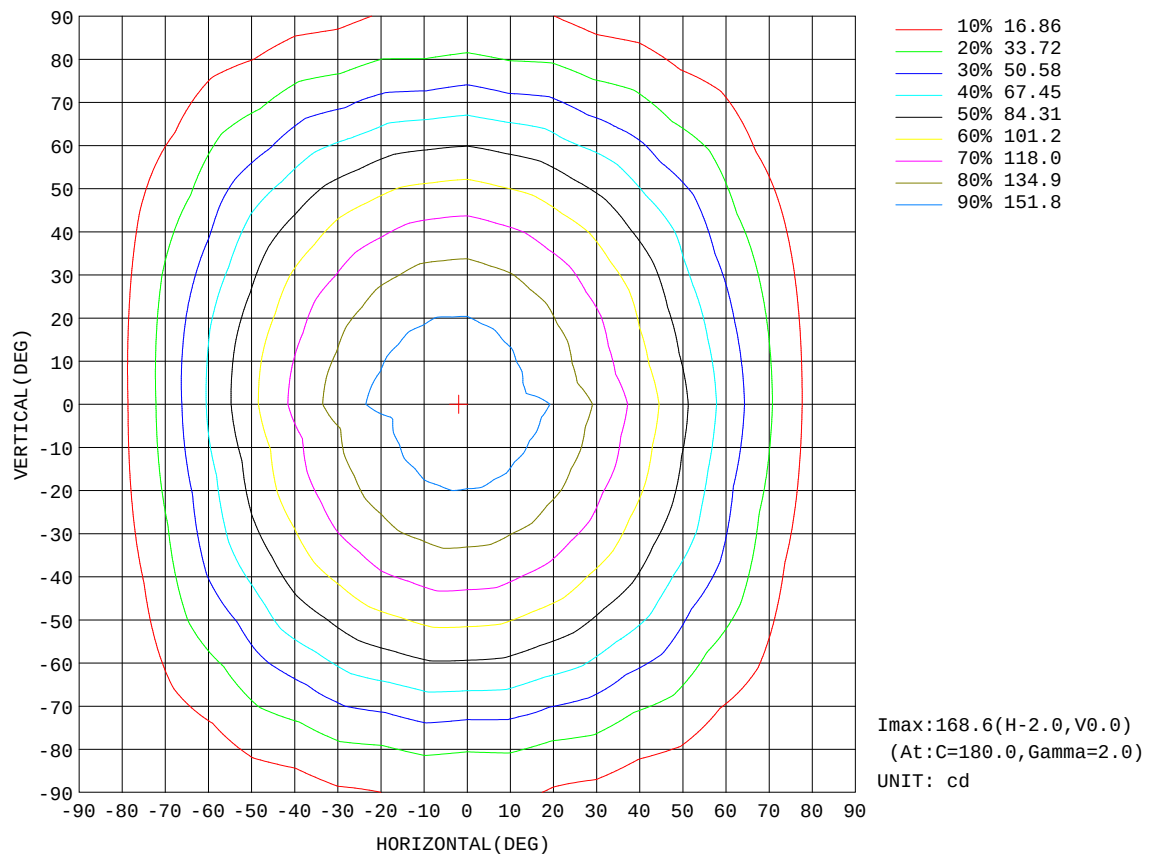
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yt  
Test Date:2020-09-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.593m [K=1.0000]  
Remarks:



## ISOCANDELA DIAGRAM

|                    |       |                        |
|--------------------|-------|------------------------|
| NAME: 125斜顶LED太阳能灯 | TYPE: | WEIGHT:                |
| SPEC.:             | DIM.: | SERIAL No.:A2020092802 |
| MFR.: UTEC         | SUR.: | Shielding Angle:       |



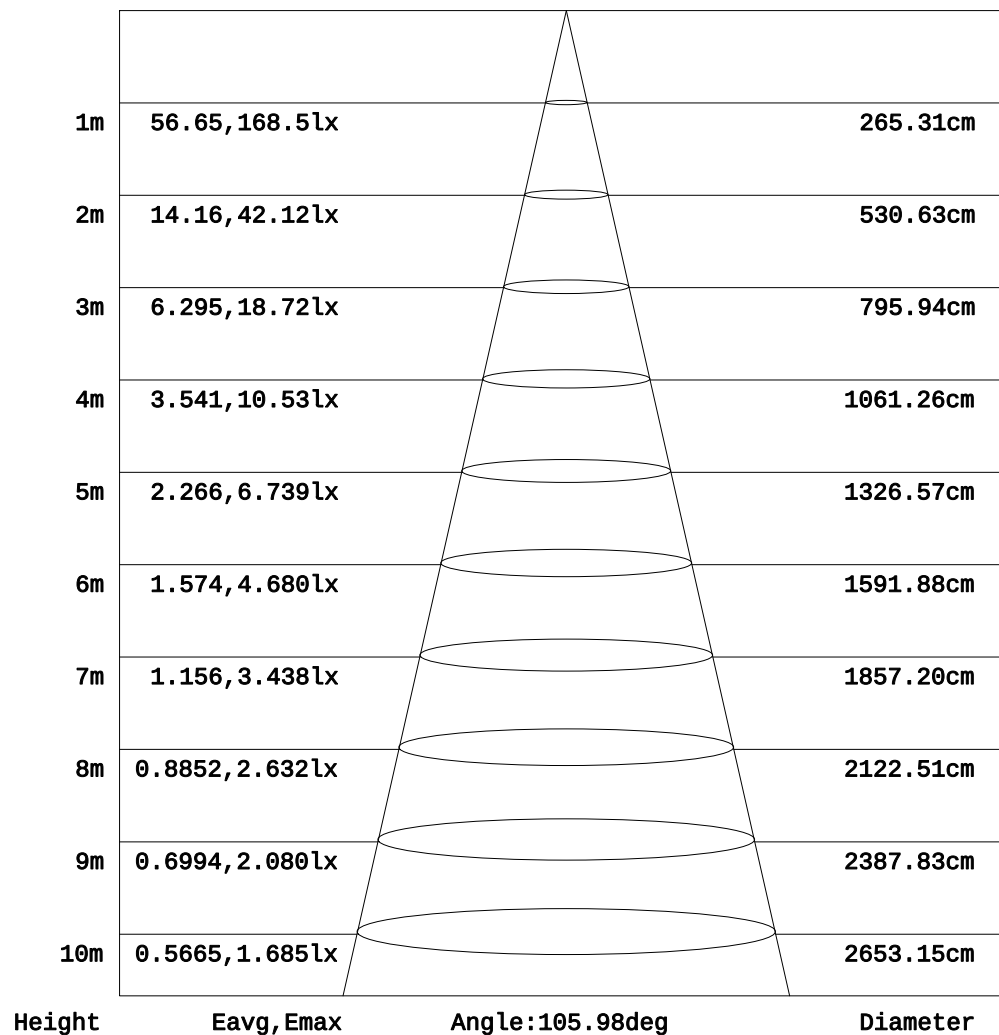
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yt  
Test Date:2020-09-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.593m [K=1.0000]  
Remarks:

## AAI Figure

|                    |       |                        |
|--------------------|-------|------------------------|
| NAME: 125斜顶LED太阳能灯 | TYPE: | WEIGHT:                |
| SPEC.:             | DIM.: | SERIAL No.:A2020092802 |
| MFR.: UTEC         | SUR.: | Shielding Angle:       |

Flux out:313.4 lm



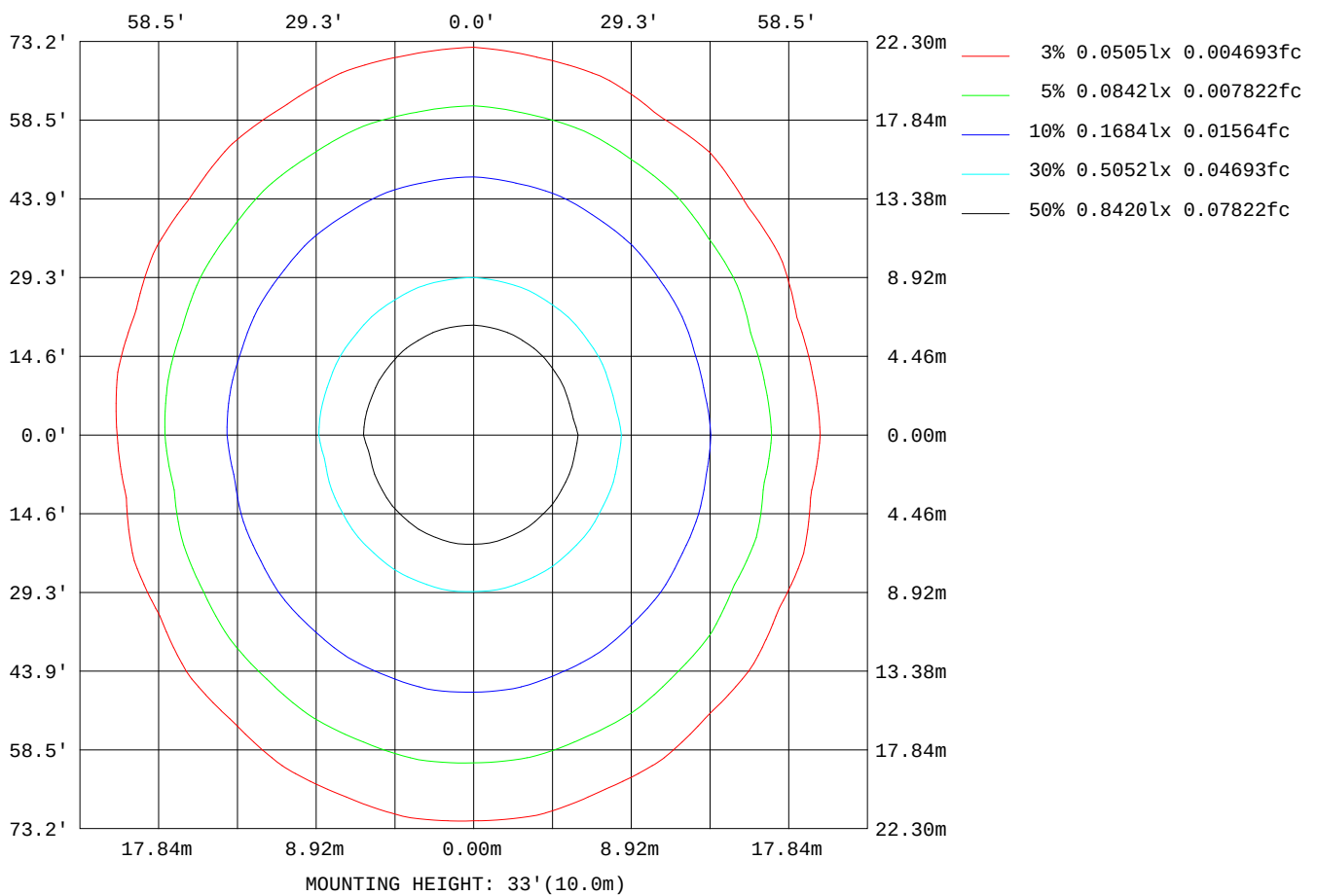
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: yt  
 Test Date: 2020-09-28

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
 Humidity: 65.0%  
 Test Distance: 1.593m [K=1.0000]  
 Remarks:

# ISOLUX DIAGRAM

|                    |       |                        |
|--------------------|-------|------------------------|
| NAME: 125斜顶LED太阳能灯 | TYPE: | WEIGHT:                |
| SPEC.:             | DIM.: | SERIAL No.:A2020092802 |
| MFR.: UTEC         | SUR.: | Shielding Angle:       |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yt  
Test Date:2020-09-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.593m [K=1.0000]  
Remarks:

### LED Avg.L Report

|                    |       |                        |
|--------------------|-------|------------------------|
| NAME: 125斜顶LED太阳能灯 | TYPE: | WEIGHT:                |
| SPEC.:             | DIM.: | SERIAL No.:A2020092802 |
| MFR.: UTEC         | SUR.: | Shielding Angle:       |

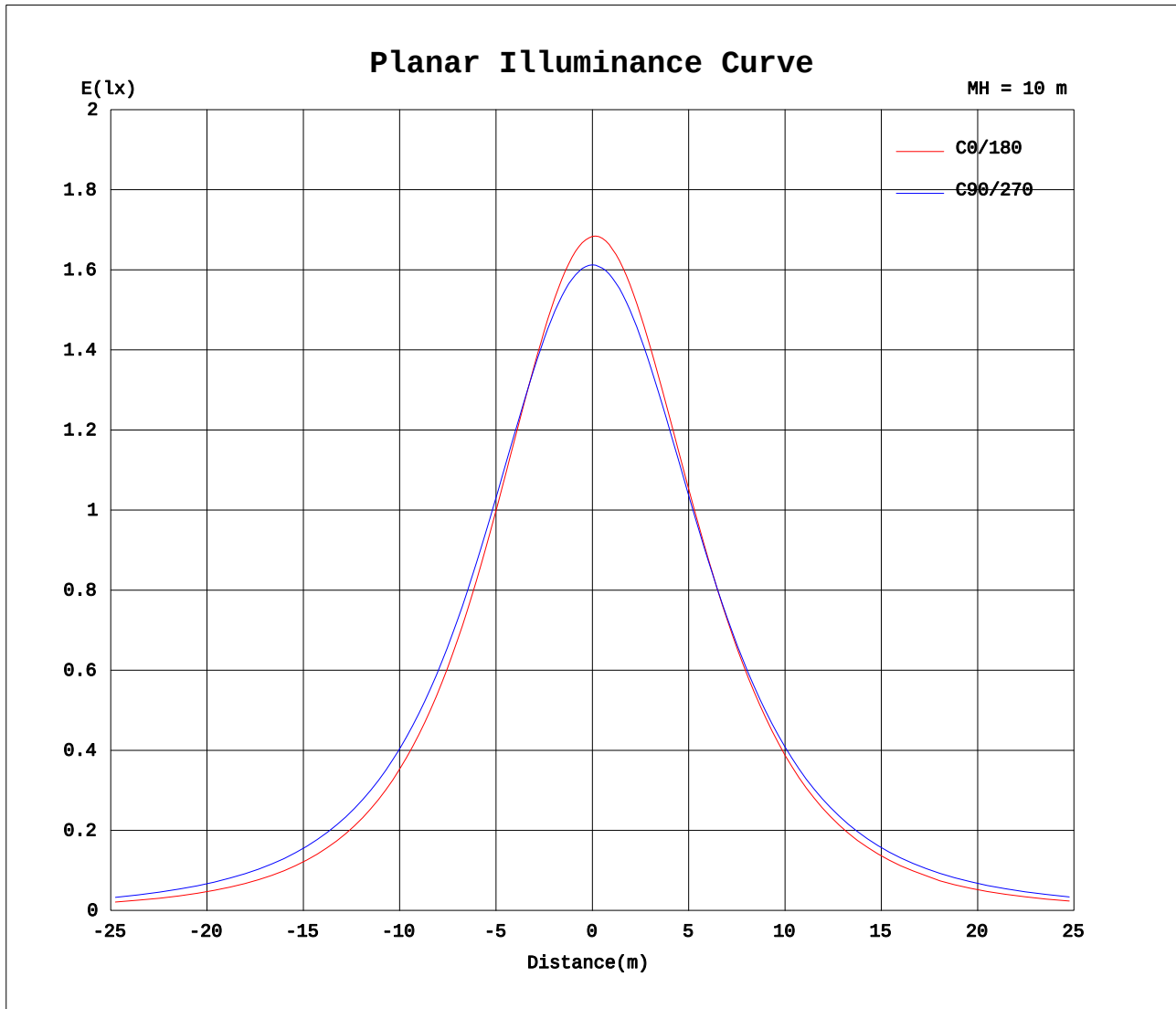
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 1214  |
| L_0~180(75)av  | 949   |
| L_0~180(85)av  | 372   |
| L_90~270(65)av | 1698  |
| L_90~270(75)av | 1827  |
| L_90~270(85)av | 2980  |
| L_45(65)av     | 1446  |
| L_45(75)av     | 1415  |
| L_45(85)av     | 1815  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yt  
Test Date:2020-09-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.593m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: yt  
 Test Date: 2020-09-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
 Humidity: 65.0%  
 Test Distance: 1.593m [K=1.0000]  
 Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

|                    |       |                        |
|--------------------|-------|------------------------|
| NAME: 125斜顶LED太阳能灯 | TYPE: | WEIGHT:                |
| SPEC.:             | DIM.: | SERIAL No.:A2020092802 |
| MFR.: UTEC         | SUR.: | Shielding Angle:       |

Table--1

UNIT: cd

| C( DEG)<br>γ (DEG) | 0    | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 168  | 166  | 165  | 164  | 163  | 163  | 162  | 162  | 161  | 161  | 161  | 161  | 161  | 161  | 161  | 161  | 160  | 161  | 168  |
| 5                  | 166  | 164  | 163  | 162  | 162  | 161  | 161  | 161  | 161  | 161  | 161  | 161  | 161  | 160  | 160  | 160  | 160  | 160  | 168  |
| 10                 | 163  | 160  | 160  | 159  | 159  | 158  | 159  | 159  | 159  | 159  | 159  | 159  | 159  | 159  | 159  | 158  | 159  | 158  | 166  |
| 15                 | 157  | 155  | 155  | 154  | 154  | 154  | 155  | 155  | 156  | 156  | 156  | 156  | 156  | 156  | 156  | 155  | 155  | 154  | 162  |
| 20                 | 151  | 148  | 148  | 148  | 149  | 149  | 150  | 150  | 151  | 151  | 152  | 152  | 152  | 151  | 151  | 150  | 150  | 149  | 156  |
| 25                 | 142  | 140  | 140  | 140  | 141  | 142  | 144  | 144  | 146  | 146  | 147  | 146  | 146  | 145  | 145  | 143  | 144  | 142  | 150  |
| 30                 | 133  | 131  | 132  | 131  | 133  | 134  | 137  | 137  | 139  | 140  | 141  | 139  | 140  | 138  | 138  | 136  | 136  | 135  | 141  |
| 35                 | 123  | 121  | 122  | 122  | 125  | 126  | 128  | 129  | 132  | 132  | 133  | 132  | 132  | 130  | 129  | 128  | 127  | 126  | 132  |
| 40                 | 112  | 110  | 111  | 112  | 115  | 116  | 119  | 121  | 123  | 123  | 125  | 123  | 123  | 121  | 120  | 118  | 118  | 116  | 122  |
| 45                 | 99.9 | 98.3 | 100  | 101  | 104  | 106  | 110  | 111  | 114  | 114  | 116  | 114  | 114  | 111  | 110  | 108  | 107  | 105  | 110  |
| 50                 | 87.4 | 86.2 | 88.3 | 89.4 | 93.4 | 95.2 | 99.3 | 101  | 104  | 104  | 106  | 104  | 103  | 101  | 99.6 | 96.3 | 95.6 | 92.8 | 97.1 |
| 55                 | 74.7 | 73.5 | 76.1 | 77.6 | 81.7 | 84.0 | 88.3 | 90.1 | 93.5 | 94.0 | 95.2 | 93.0 | 92.4 | 89.2 | 88.1 | 84.3 | 83.1 | 80.0 | 83.6 |
| 60                 | 61.8 | 59.4 | 63.7 | 63.1 | 69.9 | 72.3 | 77.0 | 78.8 | 82.5 | 82.8 | 84.1 | 81.7 | 81.0 | 77.4 | 76.0 | 71.8 | 70.3 | 66.2 | 69.8 |
| 65                 | 48.7 | 46.4 | 51.2 | 51.6 | 57.7 | 59.1 | 65.1 | 66.6 | 70.9 | 71.3 | 72.5 | 70.0 | 69.1 | 64.3 | 63.5 | 57.5 | 57.4 | 52.0 | 53.9 |
| 70                 | 35.7 | 33.5 | 38.6 | 39.3 | 45.9 | 46.9 | 53.0 | 53.9 | 59.0 | 58.1 | 60.6 | 56.5 | 56.9 | 51.5 | 49.4 | 44.7 | 44.5 | 38.7 | 39.7 |
| 75                 | 23.1 | 21.3 | 26.4 | 27.5 | 34.0 | 35.2 | 41.5 | 42.1 | 47.2 | 46.2 | 48.6 | 44.7 | 45.0 | 39.3 | 38.5 | 32.2 | 31.6 | 25.8 | 26.1 |
| 80                 | 11.6 | 10.4 | 15.4 | 16.9 | 23.0 | 24.4 | 30.3 | 31.1 | 35.9 | 35.0 | 37.2 | 33.2 | 33.2 | 27.9 | 26.8 | 20.7 | 19.7 | 14.1 | 13.7 |
| 85                 | 2.73 | 2.07 | 6.45 | 8.32 | 13.6 | 15.4 | 20.6 | 21.6 | 25.8 | 25.1 | 26.8 | 23.3 | 22.9 | 18.0 | 16.6 | 11.0 | 9.37 | 4.53 | 3.75 |
| 90                 | 0.17 | 0.42 | 2.79 | 5.50 | 8.85 | 11.5 | 14.5 | 16.3 | 18.4 | 18.5 | 18.9 | 16.9 | 15.5 | 12.3 | 9.78 | 6.11 | 3.31 | 0.52 | 0.10 |
| 95                 | 0.16 | 0.27 | 2.02 | 4.41 | 7.46 | 9.90 | 12.8 | 14.4 | 16.3 | 16.5 | 16.6 | 14.9 | 13.4 | 10.5 | 8.10 | 4.89 | 2.32 | 0.25 | 0.11 |
| 100                | 0.18 | 0.21 | 1.47 | 3.50 | 6.23 | 8.46 | 11.1 | 12.6 | 14.3 | 14.5 | 14.6 | 13.0 | 11.6 | 8.99 | 6.75 | 3.86 | 1.66 | 0.17 | 0.11 |
| 105                | 0.19 | 0.20 | 1.05 | 2.73 | 5.14 | 7.13 | 9.51 | 10.9 | 12.4 | 12.5 | 12.6 | 11.2 | 9.96 | 7.56 | 5.55 | 3.00 | 1.16 | 0.13 | 0.12 |
| 110                | 0.21 | 0.21 | 0.71 | 2.07 | 4.14 | 5.89 | 8.02 | 9.18 | 10.6 | 10.7 | 10.8 | 9.47 | 8.38 | 6.23 | 4.47 | 2.27 | 0.77 | 0.13 | 0.13 |
| 115                | 0.22 | 0.22 | 0.43 | 1.52 | 3.26 | 4.75 | 6.63 | 7.64 | 8.90 | 8.90 | 9.04 | 7.87 | 6.92 | 5.03 | 3.50 | 1.64 | 0.45 | 0.14 | 0.14 |
| 120                | 0.25 | 0.25 | 0.25 | 1.03 | 2.48 | 3.73 | 5.34 | 6.20 | 7.30 | 7.27 | 7.42 | 6.38 | 5.59 | 3.94 | 2.66 | 1.11 | 0.23 | 0.17 | 0.15 |
| 125                | 0.28 | 0.27 | 0.27 | 0.62 | 1.78 | 2.80 | 4.18 | 4.88 | 5.82 | 5.76 | 5.91 | 5.00 | 4.36 | 2.96 | 1.92 | 0.66 | 0.18 | 0.19 | 0.16 |
| 130                | 0.29 | 0.30 | 0.29 | 0.32 | 1.17 | 1.97 | 3.10 | 3.66 | 4.47 | 4.40 | 4.53 | 3.76 | 3.25 | 2.08 | 1.25 | 0.32 | 0.21 | 0.23 | 0.17 |
| 135                | 0.32 | 0.30 | 0.31 | 0.31 | 0.64 | 1.24 | 2.15 | 2.57 | 3.24 | 3.15 | 3.30 | 2.65 | 2.26 | 1.33 | 0.70 | 0.25 | 0.25 | 0.24 | 0.19 |
| 140                | 0.33 | 0.33 | 0.32 | 0.32 | 0.31 | 0.62 | 1.32 | 1.62 | 2.16 | 2.05 | 2.21 | 1.67 | 1.40 | 0.68 | 0.30 | 0.28 | 0.27 | 0.27 | 0.20 |
| 145                | 0.35 | 0.35 | 0.33 | 0.34 | 0.33 | 0.33 | 0.64 | 0.82 | 1.22 | 1.14 | 1.26 | 0.86 | 0.69 | 0.31 | 0.31 | 0.30 | 0.30 | 0.31 | 0.22 |
| 150                | 0.38 | 0.38 | 0.35 | 0.37 | 0.36 | 0.35 | 0.34 | 0.35 | 0.51 | 0.44 | 0.52 | 0.36 | 0.34 | 0.34 | 0.33 | 0.34 | 0.34 | 0.34 | 0.25 |
| 155                | 0.39 | 0.39 | 0.38 | 0.39 | 0.38 | 0.37 | 0.38 | 0.38 | 0.38 | 0.37 | 0.36 | 0.38 | 0.37 | 0.38 | 0.37 | 0.37 | 0.37 | 0.38 | 0.25 |
| 160                | 0.41 | 0.42 | 0.40 | 0.41 | 0.40 | 0.40 | 0.39 | 0.40 | 0.40 | 0.40 | 0.39 | 0.40 | 0.39 | 0.40 | 0.39 | 0.40 | 0.39 | 0.40 | 0.26 |
| 165                | 0.43 | 0.43 | 0.42 | 0.42 | 0.41 | 0.41 | 0.41 | 0.40 | 0.44 | 0.42 | 0.41 | 0.41 | 0.41 | 0.42 | 0.41 | 0.41 | 0.40 | 0.42 | 0.27 |
| 170                | 0.42 | 0.41 | 0.42 | 0.42 | 0.40 | 0.40 | 0.41 | 0.44 | 0.41 | 0.41 | 0.42 | 0.41 | 0.41 | 0.41 | 0.42 | 0.41 | 0.41 | 0.42 | 0.26 |
| 175                | 0.38 | 0.37 | 0.38 | 0.37 | 0.38 | 0.38 | 0.38 | 0.37 | 0.38 | 0.37 | 0.39 | 0.38 | 0.37 | 0.37 | 0.38 | 0.38 | 0.38 | 0.37 | 0.23 |
| 180                | 0.31 | 0.30 | 0.30 | 0.30 | 0.31 | 0.31 | 0.30 | 0.30 | 0.31 | 0.30 | 0.31 | 0.31 | 0.30 | 0.30 | 0.31 | 0.29 | 0.30 | 0.29 | 0.30 |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yt  
Test Date:2020-09-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.593m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

|                    |       |                        |
|--------------------|-------|------------------------|
| NAME: 125斜顶LED太阳能灯 | TYPE: | WEIGHT:                |
| SPEC.:             | DIM.: | SERIAL No.:A2020092802 |
| MFR.: UTEC         | SUR.: | Shielding Angle:       |

Table--2

UNIT: cd

| C (DEG)<br>γ (DEG) | 190  | 200  | 210  | 220  | 230  | 240  | 250  | 260  | 270  | 280  | 290  | 300  | 310  | 320  | 330  | 340  | 350  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| 0                  | 166  | 165  | 164  | 163  | 163  | 162  | 162  | 161  | 161  | 161  | 161  | 161  | 161  | 161  | 161  | 160  | 161  |  |  |
| 5                  | 166  | 165  | 164  | 163  | 162  | 162  | 162  | 161  | 161  | 160  | 160  | 160  | 160  | 159  | 159  | 159  | 159  |  |  |
| 10                 | 164  | 163  | 162  | 161  | 161  | 160  | 160  | 159  | 159  | 158  | 158  | 157  | 157  | 156  | 156  | 155  | 155  |  |  |
| 15                 | 160  | 159  | 158  | 158  | 158  | 157  | 157  | 156  | 156  | 155  | 155  | 154  | 153  | 152  | 151  | 150  | 150  |  |  |
| 20                 | 155  | 154  | 154  | 153  | 153  | 153  | 153  | 152  | 152  | 151  | 150  | 148  | 148  | 146  | 146  | 144  | 144  |  |  |
| 25                 | 148  | 147  | 147  | 147  | 148  | 147  | 148  | 147  | 147  | 145  | 144  | 142  | 141  | 139  | 139  | 137  | 136  |  |  |
| 30                 | 140  | 139  | 140  | 139  | 141  | 140  | 141  | 140  | 140  | 138  | 138  | 135  | 134  | 131  | 130  | 128  | 128  |  |  |
| 35                 | 131  | 130  | 131  | 131  | 132  | 132  | 134  | 133  | 133  | 131  | 130  | 127  | 125  | 122  | 121  | 118  | 118  |  |  |
| 40                 | 121  | 120  | 122  | 121  | 123  | 123  | 125  | 124  | 125  | 122  | 121  | 118  | 116  | 112  | 111  | 108  | 108  |  |  |
| 45                 | 110  | 109  | 111  | 111  | 113  | 114  | 115  | 115  | 116  | 113  | 112  | 108  | 106  | 102  | 101  | 96.9 | 96.6 |  |  |
| 50                 | 97.5 | 96.9 | 99.3 | 99.8 | 103  | 103  | 105  | 105  | 106  | 103  | 102  | 97.7 | 95.6 | 91.3 | 89.2 | 85.4 | 84.7 |  |  |
| 55                 | 84.4 | 84.1 | 87.1 | 88.1 | 91.2 | 91.9 | 94.6 | 94.3 | 95.0 | 92.3 | 91.0 | 86.7 | 84.5 | 79.9 | 77.6 | 73.5 | 72.6 |  |  |
| 60                 | 70.7 | 70.7 | 74.3 | 75.5 | 79.2 | 80.2 | 83.1 | 83.0 | 83.9 | 81.1 | 79.7 | 75.3 | 72.9 | 67.8 | 65.6 | 59.9 | 60.2 |  |  |
| 65                 | 56.8 | 55.8 | 61.0 | 61.6 | 66.8 | 67.7 | 71.1 | 71.1 | 72.2 | 69.6 | 68.1 | 62.2 | 61.1 | 54.7 | 53.5 | 47.6 | 47.7 |  |  |
| 70                 | 43.1 | 42.2 | 47.9 | 48.4 | 54.1 | 54.0 | 58.9 | 57.6 | 60.3 | 56.1 | 56.2 | 50.2 | 49.1 | 42.7 | 41.4 | 35.3 | 35.3 |  |  |
| 75                 | 29.5 | 29.1 | 35.0 | 35.7 | 41.6 | 41.8 | 46.8 | 45.6 | 48.4 | 44.3 | 44.4 | 38.6 | 37.5 | 31.0 | 29.7 | 23.7 | 23.3 |  |  |
| 80                 | 17.0 | 17.1 | 22.9 | 24.0 | 29.8 | 30.2 | 35.1 | 34.2 | 37.0 | 33.3 | 33.3 | 27.9 | 26.6 | 20.5 | 19.0 | 13.3 | 12.5 |  |  |
| 85                 | 6.41 | 7.18 | 12.5 | 14.1 | 19.4 | 20.4 | 24.8 | 24.4 | 26.8 | 23.7 | 23.5 | 18.7 | 17.3 | 11.9 | 10.0 | 5.11 | 3.78 |  |  |
| 90                 | 0.47 | 2.77 | 6.22 | 9.01 | 12.6 | 14.7 | 17.5 | 18.2 | 19.2 | 18.0 | 16.9 | 14.3 | 12.0 | 8.72 | 5.98 | 2.82 | 0.66 |  |  |
| 95                 | 0.17 | 1.92 | 4.88 | 7.55 | 10.7 | 12.9 | 15.3 | 16.2 | 17.0 | 16.0 | 15.0 | 12.5 | 10.4 | 7.39 | 4.85 | 2.08 | 0.40 |  |  |
| 100                | 0.13 | 1.34 | 3.84 | 6.25 | 9.14 | 11.1 | 13.4 | 14.2 | 15.0 | 14.0 | 13.2 | 10.9 | 8.96 | 6.18 | 3.90 | 1.54 | 0.28 |  |  |
| 105                | 0.13 | 0.92 | 2.97 | 5.10 | 7.70 | 9.50 | 11.5 | 12.2 | 13.0 | 12.1 | 11.4 | 9.33 | 7.59 | 5.10 | 3.09 | 1.11 | 0.21 |  |  |
| 110                | 0.13 | 0.58 | 2.25 | 4.08 | 6.38 | 7.97 | 9.80 | 10.4 | 11.1 | 10.3 | 9.69 | 7.85 | 6.34 | 4.12 | 2.39 | 0.76 | 0.21 |  |  |
| 115                | 0.14 | 0.30 | 1.63 | 3.15 | 5.15 | 6.51 | 8.17 | 8.66 | 9.32 | 8.61 | 8.09 | 6.47 | 5.16 | 3.24 | 1.79 | 0.47 | 0.21 |  |  |
| 120                | 0.15 | 0.15 | 1.10 | 2.34 | 4.04 | 5.19 | 6.64 | 7.05 | 7.64 | 7.01 | 6.60 | 5.20 | 4.10 | 2.45 | 1.26 | 0.25 | 0.22 |  |  |
| 125                | 0.16 | 0.16 | 0.65 | 1.62 | 3.05 | 4.00 | 5.23 | 5.56 | 6.09 | 5.54 | 5.21 | 4.02 | 3.12 | 1.74 | 0.79 | 0.23 | 0.24 |  |  |
| 130                | 0.17 | 0.17 | 0.28 | 1.01 | 2.15 | 2.90 | 3.96 | 4.19 | 4.66 | 4.18 | 3.96 | 2.94 | 2.23 | 1.12 | 0.41 | 0.25 | 0.23 |  |  |
| 135                | 0.18 | 0.19 | 0.18 | 0.47 | 1.38 | 1.95 | 2.81 | 2.98 | 3.38 | 2.98 | 2.82 | 1.99 | 1.45 | 0.59 | 0.25 | 0.25 | 0.25 |  |  |
| 140                | 0.19 | 0.19 | 0.19 | 0.20 | 0.70 | 1.12 | 1.80 | 1.91 | 2.24 | 1.91 | 1.81 | 1.16 | 0.77 | 0.25 | 0.25 | 0.26 | 0.26 |  |  |
| 145                | 0.22 | 0.22 | 0.22 | 0.22 | 0.24 | 0.45 | 0.93 | 1.00 | 1.26 | 0.99 | 0.96 | 0.49 | 0.27 | 0.25 | 0.26 | 0.25 | 0.26 |  |  |
| 150                | 0.23 | 0.24 | 0.24 | 0.23 | 0.24 | 0.24 | 0.30 | 0.30 | 0.48 | 0.32 | 0.32 | 0.25 | 0.25 | 0.25 | 0.26 | 0.26 | 0.25 |  |  |
| 155                | 0.25 | 0.25 | 0.24 | 0.26 | 0.25 | 0.26 | 0.25 | 0.26 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.26 | 0.25 | 0.27 | 0.26 |  |  |
| 160                | 0.26 | 0.26 | 0.26 | 0.26 | 0.27 | 0.27 | 0.26 | 0.26 | 0.26 | 0.28 | 0.26 | 0.26 | 0.26 | 0.26 | 0.25 | 0.26 | 0.26 |  |  |
| 165                | 0.27 | 0.27 | 0.27 | 0.26 | 0.26 | 0.26 | 0.27 | 0.26 | 0.26 | 0.28 | 0.26 | 0.25 | 0.27 | 0.25 | 0.26 | 0.27 | 0.27 |  |  |
| 170                | 0.27 | 0.26 | 0.26 | 0.26 | 0.26 | 0.25 | 0.26 | 0.25 | 0.27 | 0.26 | 0.28 | 0.25 | 0.26 | 0.25 | 0.25 | 0.25 | 0.25 |  |  |
| 175                | 0.24 | 0.22 | 0.22 | 0.23 | 0.22 | 0.23 | 0.23 | 0.22 | 0.23 | 0.22 | 0.23 | 0.24 | 0.23 | 0.22 | 0.21 | 0.22 | 0.21 |  |  |
| 180                | 0.29 | 0.30 | 0.28 | 0.30 | 0.29 | 0.30 | 0.29 | 0.30 | 0.29 | 0.30 | 0.29 | 0.29 | 0.30 | 0.30 | 0.30 | 0.30 | 0.29 |  |  |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yt  
Test Date:2020-09-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:1.593m [K=1.0000]  
Remarks: