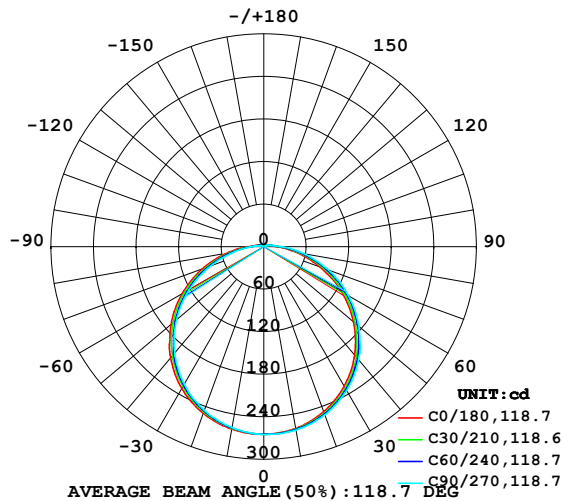


## LUMINAIRE PHOTOMETRIC TEST REPORT

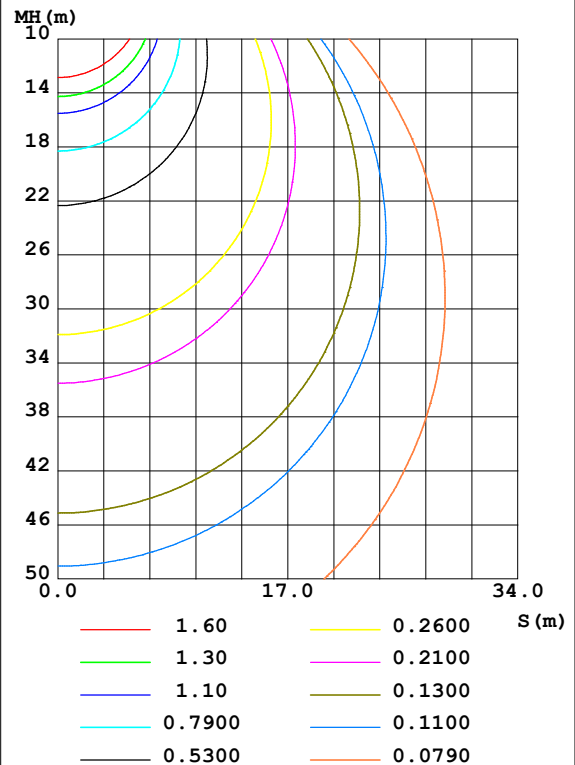
|                                                                                |          |                  |
|--------------------------------------------------------------------------------|----------|------------------|
| Test:U:120.4V I:0.1570A P:16.50W PF:0.8720 Freq:60.00Hz Lamp Flux:876.506x1 lm |          |                  |
| NAME: AFX-DCF12-17DOB-95C-120D-NS 整灯 5000K                                     | TYPE:    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:    | SERIAL No.:      |
| MFR.: 革星                                                                       | SUR.:12寸 | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 53.12 lm/W |        |                        |          |
|------------------|---------|----------------------------------|--------|------------------------|----------|
| MODEL            |         | Imax(cd)                         | 265.4  | S/MH(C0/180)           | 1.30     |
| NOMINAL POWER(W) |         | LOR(%)                           | 100.0  | S/MH(C90/270)          | 1.26     |
| RATED VOLTAGE(V) |         | TOTAL FLUX(lm)                   | 876.51 | $\eta$ UP,DN(C0-180)   | 2.3,49.1 |
| NOMINAL FLUX(lm) | 876.506 | CIE CLASS                        | DIRECT | $\eta$ UP,DN(C180-360) | 2.1,46.4 |
| LAMPS INSIDE     | 1       | $\eta$ up(%)                     | 4.4    | CIBSE SHR NOM          | 1.25     |
| TEST VOLTAGE(V)  |         | $\eta$ down(%)                   | 95.6   | CIBSE SHR MAX          | 1.35     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-05-04

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 7.020m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------------|
| 10       | 260.2                 | 261.4 | 262.5 | 262.6 | 261.3 | 260.0 | 259.3 | 259.6 | 0- 10    | 25.09       | 25.09        | 2.86, 2.86 |
| 20       | 247.7                 | 250.3 | 252.3 | 252.4 | 250.1 | 247.4 | 245.7 | 246.2 | 10- 20   | 72.28       | 97.37        | 11.1, 11.1 |
| 30       | 227.3                 | 231.1 | 234.0 | 234.0 | 231.0 | 227.1 | 224.3 | 225.1 | 20- 30   | 110.7       | 208.1        | 23.7, 23.7 |
| 40       | 199.4                 | 204.4 | 208.3 | 208.1 | 204.6 | 199.3 | 195.5 | 196.7 | 30- 40   | 135.5       | 343.6        | 39.2, 39.2 |
| 50       | 165.1                 | 170.7 | 175.0 | 175.3 | 170.7 | 164.9 | 160.8 | 161.3 | 40- 50   | 143.2       | 486.8        | 55.5, 55.5 |
| 60       | 126.4                 | 133.0 | 138.0 | 138.1 | 133.0 | 126.5 | 121.6 | 122.2 | 50- 60   | 133.6       | 620.4        | 70.8, 70.8 |
| 70       | 84.78                 | 91.84 | 97.47 | 97.14 | 92.53 | 85.18 | 79.66 | 80.77 | 60- 70   | 108.3       | 728.7        | 83.1, 83.1 |
| 80       | 45.91                 | 52.16 | 57.11 | 56.89 | 52.60 | 46.06 | 41.45 | 42.40 | 70- 80   | 72.43       | 801.1        | 91.4, 91.4 |
| 90       | 18.70                 | 21.60 | 24.41 | 24.32 | 21.88 | 18.58 | 16.69 | 17.45 | 80- 90   | 36.41       | 837.5        | 95.6, 95.6 |
| 100      | 10.30                 | 11.33 | 11.86 | 11.69 | 10.80 | 9.917 | 9.106 | 9.992 | 90-100   | 15.94       | 853.5        | 97.4, 97.4 |
| 110      | 5.234                 | 6.666 | 5.980 | 6.314 | 5.417 | 5.362 | 4.750 | 5.692 | 100-110  | 8.471       | 861.9        | 98.3, 98.3 |
| 120      | 2.869                 | 3.458 | 3.268 | 3.011 | 3.294 | 3.425 | 3.417 | 3.233 | 110-120  | 4.298       | 866.2        | 98.8, 98.8 |
| 130      | 2.697                 | 2.945 | 2.993 | 2.741 | 3.269 | 3.485 | 3.449 | 3.215 | 120-130  | 2.778       | 869.0        | 99.1, 99.1 |
| 140      | 2.864                 | 3.117 | 3.179 | 2.994 | 3.375 | 3.578 | 3.565 | 3.388 | 130-140  | 2.457       | 871.5        | 99.4, 99.4 |
| 150      | 3.086                 | 3.308 | 3.395 | 3.113 | 3.533 | 3.679 | 3.697 | 3.472 | 140-150  | 2.095       | 873.6        | 99.7, 99.7 |
| 160      | 3.337                 | 3.485 | 3.591 | 3.263 | 3.687 | 3.772 | 3.768 | 3.542 | 150-160  | 1.608       | 875.2        | 99.8, 99.8 |
| 170      | 3.587                 | 3.650 | 3.340 | 3.342 | 3.626 | 3.766 | 3.691 | 3.446 | 160-170  | 1.010       | 876.2        | 100, 100   |
| 180      | 3.507                 | 3.498 | 3.488 | 3.441 | 3.526 | 3.499 | 3.491 | 3.449 | 170-180  | 0.3347      | 876.5        | 100, 100   |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |          | UNIT:lm     |              |            |

Conical surface Flux(90deg): 415.36 lm

%lum = 47.4%

%lamp = 47.4%

Conical surface Flux(120deg): 620.35 lm

%lum = 70.8%

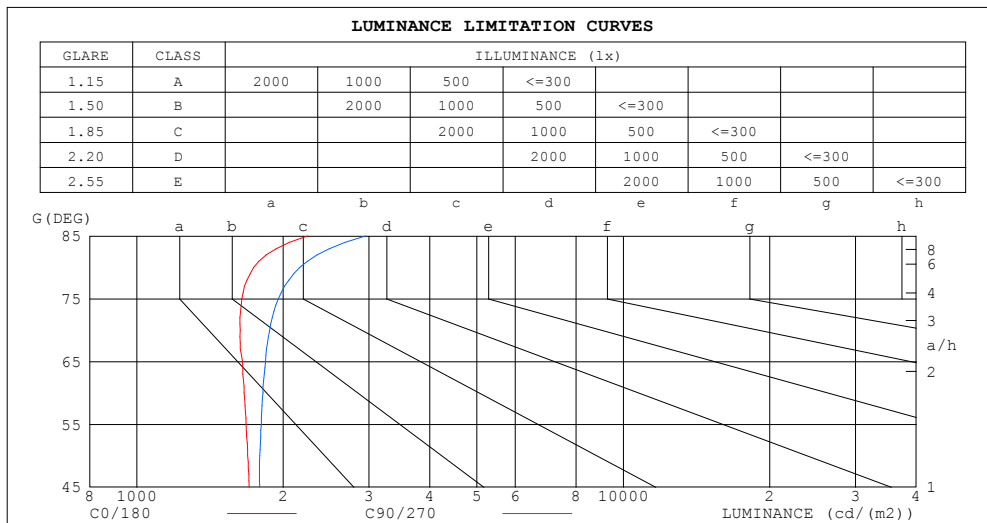
%lamp = 70.8%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023-05-04

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.020m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                |          |                  |
|--------------------------------------------------------------------------------|----------|------------------|
| Test:U:120.4V I:0.1570A P:16.50W PF:0.8720 Freq:60.00Hz Lamp Flux:876.506x1 lm |          |                  |
| NAME: AFX-DCF12-17DOB-95C-120D-NS 整灯 5000K                                     | TYPE:    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:    | SERIAL No.:      |
| MFR.: 革星                                                                       | SUR.:12寸 | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 2243   | 2949    |
| 80                | 1739   | 2164    |
| 75                | 1645   | 1954    |
| 70                | 1631   | 1875    |
| 65                | 1649   | 1838    |
| 60                | 1663   | 1816    |
| 55                | 1677   | 1802    |
| 50                | 1690   | 1791    |
| 45                | 1702   | 1791    |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-05-04

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.020m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                                                                |          |                  |
|--------------------------------------------------------------------------------|----------|------------------|
| Test:U:120.4V I:0.1570A P:16.50W PF:0.8720 Freq:60.00Hz Lamp Flux:876.506x1 lm |          |                  |
| NAME: AFX-DCF12-17DOB-95C-120D-NS 整灯 5000K                                     | TYPE:    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:    | SERIAL No.:      |
| MFR.: 革星                                                                       | SUR.:12寸 | Shielding Angle: |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                              |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|--|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                              | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                              |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients (WEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0  |                       |      |      |      |      |      |                                  |      |      |      |      |      |      |      |      |   |  |
| 1.0  | .342                  | .195 | .062 | .334 | .190 | .060 | .318                             | .182 | .058 | .303 | .175 | .056 | .289 | .168 | .054 |   |  |
| 2.0  | .311                  | .170 | .052 | .303 | .167 | .051 | .289                             | .161 | .050 | .276 | .155 | .048 | .264 | .149 | .047 |   |  |
| 3.0  | .283                  | .150 | .045 | .276 | .148 | .044 | .263                             | .143 | .043 | .251 | .138 | .042 | .240 | .133 | .041 |   |  |
| 4.0  | .258                  | .134 | .039 | .252 | .132 | .039 | .241                             | .128 | .038 | .230 | .124 | .037 | .220 | .120 | .036 |   |  |
| 5.0  | .237                  | .121 | .035 | .231 | .119 | .035 | .221                             | .115 | .034 | .212 | .112 | .033 | .203 | .108 | .033 |   |  |
| 6.0  | .218                  | .110 | .031 | .214 | .108 | .031 | .205                             | .105 | .030 | .196 | .102 | .030 | .188 | .099 | .029 |   |  |
| 7.0  | .203                  | .100 | .028 | .198 | .099 | .028 | .190                             | .096 | .028 | .182 | .093 | .027 | .175 | .091 | .027 |   |  |
| 8.0  | .189                  | .092 | .026 | .185 | .091 | .026 | .177                             | .089 | .025 | .170 | .086 | .025 | .164 | .084 | .024 |   |  |
| 9.0  | .176                  | .085 | .024 | .173 | .084 | .024 | .166                             | .082 | .023 | .160 | .080 | .023 | .154 | .078 | .023 |   |  |
| 10.0 | .165                  | .079 | .022 | .162 | .078 | .022 | .156                             | .076 | .022 | .150 | .075 | .021 | .145 | .073 | .021 |   |  |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                                        |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                                        |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0  | .224                  | .224 | .224 | .192 | .192 | .192 | .131                                       | .131 | .131 | .075 | .075 | .075 | .024 | .024 | .024 |   |
| 1.0  | .217                  | .190 | .166 | .185 | .163 | .143 | .127                                       | .112 | .099 | .073 | .065 | .057 | .023 | .021 | .019 |   |
| 2.0  | .209                  | .166 | .130 | .179 | .143 | .112 | .123                                       | .099 | .078 | .071 | .058 | .046 | .023 | .019 | .015 |   |
| 3.0  | .201                  | .149 | .107 | .173 | .129 | .093 | .119                                       | .089 | .065 | .068 | .052 | .038 | .022 | .017 | .013 |   |
| 4.0  | .194                  | .136 | .092 | .166 | .117 | .080 | .114                                       | .082 | .056 | .066 | .048 | .033 | .021 | .016 | .011 |   |
| 5.0  | .186                  | .126 | .081 | .160 | .109 | .071 | .110                                       | .076 | .050 | .064 | .045 | .030 | .021 | .015 | .010 |   |
| 6.0  | .179                  | .117 | .073 | .154 | .102 | .064 | .106                                       | .071 | .045 | .062 | .042 | .027 | .020 | .014 | .009 |   |
| 7.0  | .172                  | .111 | .068 | .148 | .096 | .059 | .102                                       | .067 | .042 | .059 | .040 | .025 | .019 | .013 | .008 |   |
| 8.0  | .165                  | .105 | .063 | .142 | .091 | .055 | .098                                       | .064 | .039 | .057 | .038 | .023 | .019 | .012 | .008 |   |
| 9.0  | .159                  | .100 | .060 | .137 | .087 | .052 | .095                                       | .061 | .037 | .055 | .036 | .022 | .018 | .012 | .007 |   |
| 10.0 | .153                  | .096 | .057 | .132 | .083 | .050 | .092                                       | .058 | .036 | .053 | .035 | .021 | .017 | .011 | .007 |   |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-05-04

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.020m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

|                                                                                |                  |      |      |      |      |                |      |                  |      |      |      |
|--------------------------------------------------------------------------------|------------------|------|------|------|------|----------------|------|------------------|------|------|------|
| Test:U:120.4V I:0.1570A P:16.50W PF:0.8720 Freq:60.00Hz Lamp Flux:876.506x1 lm |                  |      |      |      |      |                |      |                  |      |      |      |
| NAME: AFX-DCF12-17DOB-95C-120D-NS 整灯 5000K                                     |                  |      |      |      |      | TYPE:          |      | WEIGHT:          |      |      |      |
| SPEC.:                                                                         |                  |      |      |      |      | DIM.:          |      | SERIAL No.:      |      |      |      |
| MFR.: 革星                                                                       |                  |      |      |      |      | SUR.:12寸       |      | 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                                                                  | 2H               | 14.9 | 16.4 | 15.2 | 16.7 | 17.0           | 15.2 | 16.7             | 15.6 | 17.0 | 17.3 |
|                                                                                | 3H               | 16.6 | 18.0 | 17.0 | 18.3 | 18.7           | 17.1 | 18.5             | 17.5 | 18.8 | 19.1 |
|                                                                                | 4H               | 17.4 | 18.7 | 17.8 | 19.0 | 19.4           | 18.0 | 19.3             | 18.4 | 19.6 | 20.0 |
|                                                                                | 6H               | 18.1 | 19.3 | 18.5 | 19.7 | 20.1           | 18.8 | 20.1             | 19.2 | 20.4 | 20.8 |
|                                                                                | 8H               | 18.4 | 19.6 | 18.8 | 20.0 | 20.3           | 19.2 | 20.4             | 19.6 | 20.8 | 21.2 |
|                                                                                | 12H              | 18.7 | 19.8 | 19.1 | 20.2 | 20.6           | 19.6 | 20.8             | 20.0 | 21.1 | 21.5 |
| 4H                                                                             | 2H               | 15.6 | 16.9 | 16.0 | 17.3 | 17.6           | 15.9 | 17.2             | 16.3 | 17.5 | 17.9 |
|                                                                                | 3H               | 17.5 | 18.7 | 18.0 | 19.1 | 19.5           | 17.9 | 19.1             | 18.4 | 19.5 | 19.9 |
|                                                                                | 4H               | 18.5 | 19.5 | 18.9 | 19.9 | 20.4           | 19.0 | 20.0             | 19.4 | 20.4 | 20.9 |
|                                                                                | 6H               | 19.3 | 20.3 | 19.8 | 20.7 | 21.2           | 20.0 | 20.9             | 20.4 | 21.3 | 21.8 |
|                                                                                | 8H               | 19.7 | 20.6 | 20.2 | 21.0 | 21.5           | 20.4 | 21.3             | 20.9 | 21.8 | 22.3 |
|                                                                                | 12H              | 20.1 | 20.9 | 20.6 | 21.4 | 21.9           | 20.9 | 21.8             | 21.4 | 22.2 | 22.7 |
| 8H                                                                             | 4H               | 18.9 | 19.8 | 19.4 | 20.2 | 20.7           | 19.3 | 20.2             | 19.8 | 20.7 | 21.1 |
|                                                                                | 6H               | 19.9 | 20.7 | 20.5 | 21.2 | 21.7           | 20.5 | 21.3             | 21.0 | 21.8 | 22.3 |
|                                                                                | 8H               | 20.5 | 21.1 | 21.0 | 21.6 | 22.2           | 21.1 | 21.8             | 21.7 | 22.3 | 22.9 |
|                                                                                | 12H              | 21.0 | 21.6 | 21.6 | 22.1 | 22.7           | 21.8 | 22.4             | 22.4 | 22.9 | 23.5 |
| 12H                                                                            | 4H               | 18.9 | 19.8 | 19.4 | 20.2 | 20.7           | 19.4 | 20.2             | 19.9 | 20.6 | 21.1 |
|                                                                                | 6H               | 20.1 | 20.8 | 20.6 | 21.3 | 21.8           | 20.6 | 21.3             | 21.2 | 21.8 | 22.4 |
|                                                                                | 8H               | 20.7 | 21.3 | 21.3 | 21.8 | 22.4           | 21.3 | 21.9             | 21.9 | 22.4 | 23.0 |
| Variations with the observer position at spacings:                             |                  |      |      |      |      |                |      |                  |      |      |      |
| S = 1.0H                                                                       | + 0.1 / - 0.2    |      |      |      |      | + 0.1 / - 0.1  |      |                  |      |      |      |
| 1.5H                                                                           | + 0.2 / - 0.3    |      |      |      |      | + 0.2 / - 0.3  |      |                  |      |      |      |
| 2.0H                                                                           | + 0.1 / - 0.4    |      |      |      |      | + 0.1 / - 0.3  |      |                  |      |      |      |

CIE Pub.117, 876.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.5)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023-05-04

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.020m [K=1.0000]  
 Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                |          |                  |
|--------------------------------------------------------------------------------|----------|------------------|
| Test:U:120.4V I:0.1570A P:16.50W PF:0.8720 Freq:60.00Hz Lamp Flux:876.506x1 lm |          |                  |
| NAME: AFX-DCF12-17DOB-95C-120D-NS 整灯 5000K                                     | TYPE:    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:    | SERIAL No.:      |
| MFR.: 革星                                                                       | SUR.:12寸 | Shielding Angle: |

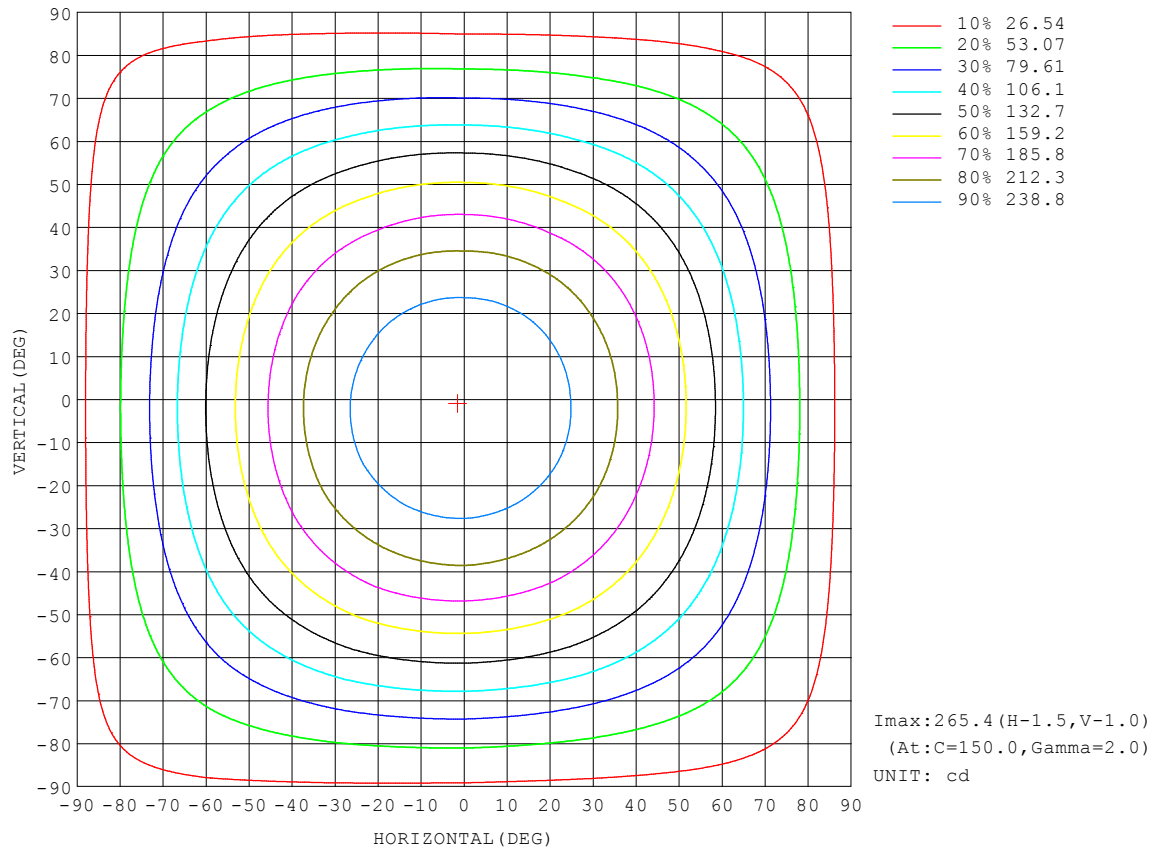
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 54                                                   | 42  | 35        | 53  | 42  | 35  | 52  | 41            | 35  | 28     |
| 0.80                             | 64                                                   | 52  | 44        | 63  | 51  | 44  | 61  | 50            | 44  | 36     |
| 1.00                             | 72                                                   | 60  | 53        | 71  | 60  | 52  | 68  | 61            | 52  | 44     |
| 1.25                             | 79                                                   | 68  | 60        | 78  | 67  | 60  | 75  | 65            | 59  | 51     |
| 1.50                             | 84                                                   | 74  | 66        | 82  | 73  | 65  | 79  | 70            | 64  | 56     |
| 2.00                             | 91                                                   | 82  | 75        | 89  | 80  | 74  | 85  | 78            | 72  | 63     |
| 2.50                             | 95                                                   | 87  | 80        | 93  | 85  | 79  | 89  | 82            | 77  | 67     |
| 3.00                             | 99                                                   | 91  | 85        | 96  | 89  | 84  | 92  | 86            | 81  | 71     |
| 4.00                             | 103                                                  | 97  | 91        | 101 | 95  | 90  | 96  | 91            | 87  | 76     |
| 5.00                             | 106                                                  | 100 | 96        | 103 | 98  | 94  | 98  | 94            | 90  | 79     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-05-04

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.020m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

|                                                                                |          |                  |
|--------------------------------------------------------------------------------|----------|------------------|
| Test:U:120.4V I:0.1570A P:16.50W PF:0.8720 Freq:60.00Hz Lamp Flux:876.506x1 lm |          |                  |
| NAME: AFX-DCF12-17DOB-95C-120D-NS 整灯 5000K                                     | TYPE:    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:    | SERIAL No.:      |
| MFR.: 革星                                                                       | SUR.:12寸 | Shielding Angle: |

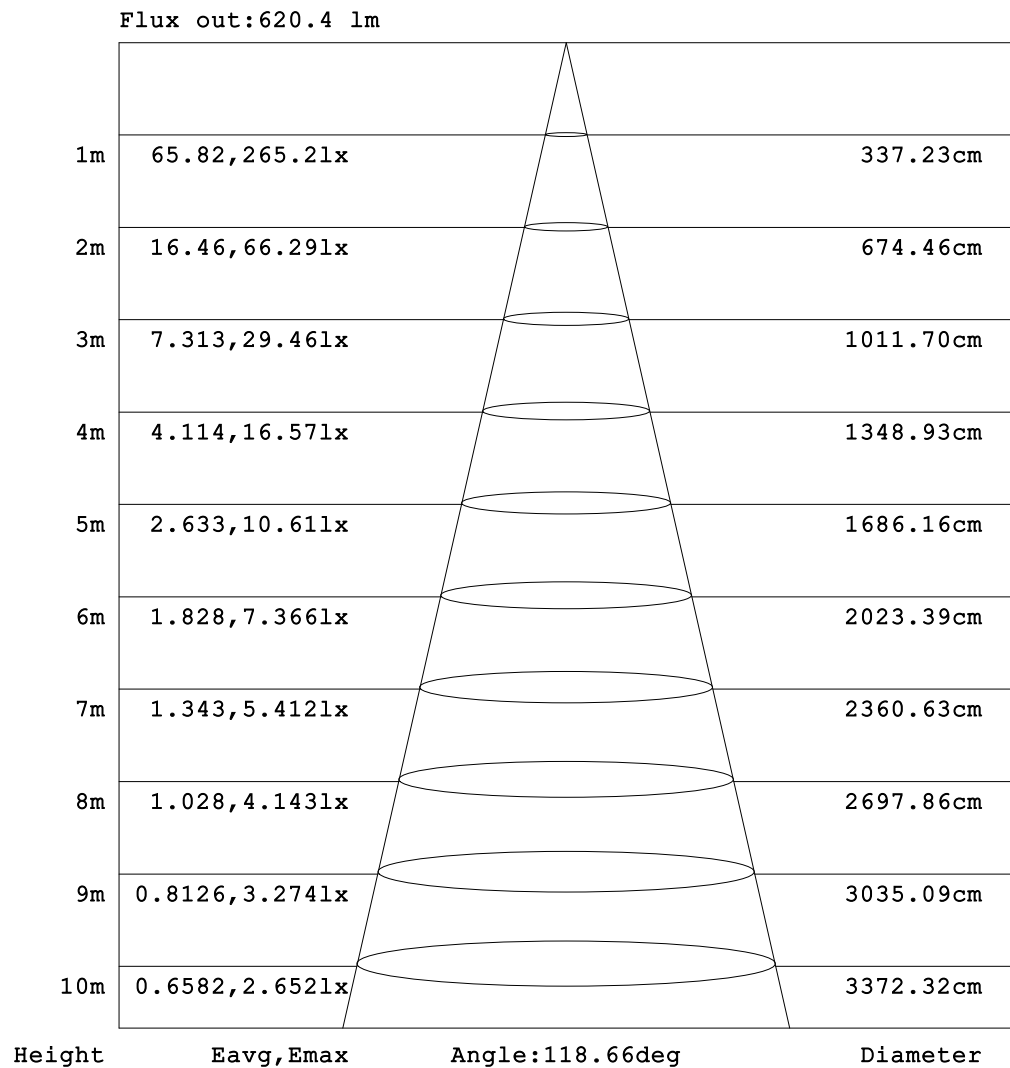


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-05-04

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.020m [K=1.0000]  
Remarks:

## AAI Figure

|                                                                                |          |                  |
|--------------------------------------------------------------------------------|----------|------------------|
| Test:U:120.4V I:0.1570A P:16.50W PF:0.8720 Freq:60.00Hz Lamp Flux:876.506x1 lm |          |                  |
| NAME: AFX-DCF12-17DOB-95C-120D-NS 整灯 5000K                                     | TYPE:    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:    | SERIAL No.:      |
| MFR.: 革星                                                                       | SUR.:12寸 | Shielding Angle: |

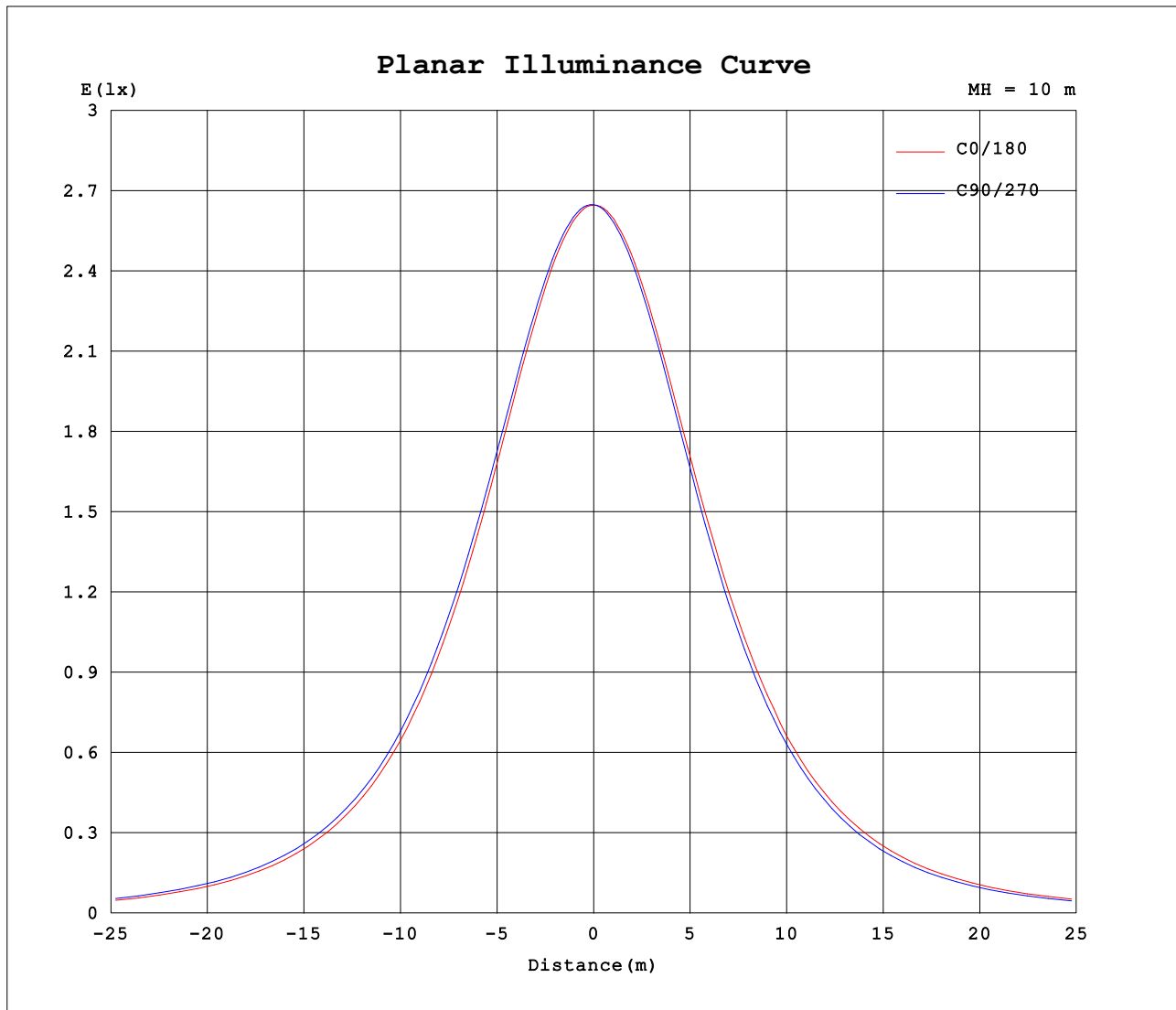


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023-05-04

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.020m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-05-04

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 7.020m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |          |                  |
|--------------------------------------------------------------------------------|----------|------------------|
| Test:U:120.4V I:0.1570A P:16.50W PF:0.8720 Freq:60.00Hz Lamp Flux:876.506x1 lm |          |                  |
| NAME: AFX-DCF12-17DOB-95C-120D-NS 整灯 5000K                                     | TYPE:    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:    | SERIAL No.:      |
| MFR.: 革星                                                                       | SUR.:12寸 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|
| 0                  | 265  | 265  | 265  | 265  | 265  | 265  | 265  | 265  | 265  | 265  | 265  | 265  |  |  |  |  |  |  |  |
| 5                  | 263  | 264  | 264  | 265  | 265  | 265  | 264  | 263  | 263  | 263  | 263  | 263  |  |  |  |  |  |  |  |
| 10                 | 260  | 261  | 262  | 262  | 262  | 263  | 261  | 260  | 260  | 259  | 260  | 260  |  |  |  |  |  |  |  |
| 15                 | 255  | 256  | 258  | 258  | 259  | 258  | 257  | 255  | 254  | 253  | 254  | 254  |  |  |  |  |  |  |  |
| 20                 | 248  | 250  | 251  | 252  | 253  | 252  | 250  | 248  | 247  | 246  | 246  | 247  |  |  |  |  |  |  |  |
| 25                 | 238  | 241  | 243  | 244  | 244  | 244  | 242  | 239  | 237  | 236  | 236  | 237  |  |  |  |  |  |  |  |
| 30                 | 227  | 230  | 232  | 234  | 234  | 234  | 231  | 228  | 226  | 224  | 225  | 226  |  |  |  |  |  |  |  |
| 35                 | 214  | 218  | 220  | 222  | 222  | 222  | 219  | 215  | 213  | 211  | 211  | 212  |  |  |  |  |  |  |  |
| 40                 | 199  | 203  | 206  | 208  | 208  | 208  | 205  | 201  | 198  | 195  | 196  | 197  |  |  |  |  |  |  |  |
| 45                 | 183  | 186  | 190  | 192  | 193  | 192  | 188  | 184  | 180  | 179  | 178  | 181  |  |  |  |  |  |  |  |
| 50                 | 165  | 168  | 173  | 175  | 176  | 174  | 171  | 167  | 163  | 161  | 160  | 163  |  |  |  |  |  |  |  |
| 55                 | 146  | 150  | 155  | 157  | 158  | 156  | 152  | 148  | 144  | 142  | 141  | 143  |  |  |  |  |  |  |  |
| 60                 | 126  | 130  | 135  | 138  | 139  | 137  | 133  | 129  | 124  | 122  | 121  | 123  |  |  |  |  |  |  |  |
| 65                 | 106  | 110  | 115  | 118  | 119  | 117  | 113  | 108  | 104  | 101  | 101  | 102  |  |  |  |  |  |  |  |
| 70                 | 84.8 | 89.8 | 93.9 | 97.5 | 97.8 | 96.5 | 92.5 | 87.0 | 83.4 | 79.7 | 80.1 | 81.4 |  |  |  |  |  |  |  |
| 75                 | 64.7 | 69.6 | 73.5 | 76.9 | 77.3 | 76.0 | 72.0 | 66.8 | 63.1 | 59.8 | 60.1 | 61.6 |  |  |  |  |  |  |  |
| 80                 | 45.9 | 50.3 | 54.0 | 57.1 | 57.5 | 56.3 | 52.6 | 47.6 | 44.5 | 41.4 | 41.6 | 43.1 |  |  |  |  |  |  |  |
| 85                 | 29.7 | 33.3 | 36.3 | 39.1 | 39.5 | 38.4 | 35.3 | 31.0 | 28.4 | 26.2 | 26.6 | 27.6 |  |  |  |  |  |  |  |
| 90                 | 18.7 | 20.6 | 22.6 | 24.4 | 24.7 | 23.9 | 21.9 | 19.3 | 17.8 | 16.7 | 17.1 | 17.8 |  |  |  |  |  |  |  |
| 95                 | 13.4 | 14.3 | 15.1 | 16.0 | 16.1 | 15.6 | 14.8 | 13.5 | 12.7 | 12.3 | 12.6 | 13.1 |  |  |  |  |  |  |  |
| 100                | 10.3 | 11.1 | 11.5 | 11.9 | 11.8 | 11.5 | 10.8 | 10.1 | 9.74 | 9.11 | 9.76 | 10.2 |  |  |  |  |  |  |  |
| 105                | 6.96 | 8.61 | 9.04 | 8.63 | 8.77 | 8.76 | 7.29 | 7.42 | 7.28 | 6.30 | 7.40 | 7.87 |  |  |  |  |  |  |  |
| 110                | 5.23 | 6.49 | 6.85 | 5.98 | 6.29 | 6.34 | 5.42 | 5.45 | 5.27 | 4.75 | 5.52 | 5.87 |  |  |  |  |  |  |  |
| 115                | 3.80 | 4.71 | 4.94 | 4.36 | 4.41 | 4.30 | 4.04 | 4.03 | 3.84 | 3.72 | 4.09 | 4.25 |  |  |  |  |  |  |  |
| 120                | 2.87 | 3.39 | 3.52 | 3.27 | 3.07 | 2.95 | 3.29 | 3.41 | 3.44 | 3.42 | 3.25 | 3.21 |  |  |  |  |  |  |  |
| 125                | 2.68 | 2.88 | 2.96 | 2.95 | 2.78 | 2.61 | 3.24 | 3.41 | 3.47 | 3.41 | 3.27 | 3.09 |  |  |  |  |  |  |  |
| 130                | 2.70 | 2.91 | 2.98 | 2.99 | 2.84 | 2.64 | 3.27 | 3.44 | 3.53 | 3.45 | 3.33 | 3.10 |  |  |  |  |  |  |  |
| 135                | 2.77 | 2.97 | 3.07 | 3.07 | 2.94 | 2.76 | 3.32 | 3.49 | 3.57 | 3.51 | 3.41 | 3.18 |  |  |  |  |  |  |  |
| 140                | 2.86 | 3.06 | 3.18 | 3.18 | 3.08 | 2.91 | 3.38 | 3.54 | 3.62 | 3.56 | 3.49 | 3.29 |  |  |  |  |  |  |  |
| 145                | 2.98 | 3.15 | 3.29 | 3.29 | 3.19 | 2.98 | 3.45 | 3.57 | 3.67 | 3.64 | 3.56 | 3.34 |  |  |  |  |  |  |  |
| 150                | 3.09 | 3.25 | 3.37 | 3.39 | 3.27 | 2.96 | 3.53 | 3.63 | 3.73 | 3.70 | 3.62 | 3.32 |  |  |  |  |  |  |  |
| 155                | 3.20 | 3.36 | 3.45 | 3.49 | 3.35 | 3.05 | 3.62 | 3.69 | 3.76 | 3.75 | 3.64 | 3.40 |  |  |  |  |  |  |  |
| 160                | 3.34 | 3.47 | 3.50 | 3.59 | 3.36 | 3.17 | 3.69 | 3.75 | 3.79 | 3.77 | 3.59 | 3.49 |  |  |  |  |  |  |  |
| 165                | 3.48 | 3.58 | 3.59 | 3.65 | 3.26 | 3.27 | 3.75 | 3.77 | 3.80 | 3.77 | 3.53 | 3.46 |  |  |  |  |  |  |  |
| 170                | 3.59 | 3.65 | 3.65 | 3.34 | 3.34 | 3.35 | 3.63 | 3.77 | 3.76 | 3.69 | 3.46 | 3.44 |  |  |  |  |  |  |  |
| 175                | 3.48 | 3.51 | 3.43 | 3.42 | 3.39 | 3.38 | 3.53 | 3.53 | 3.50 | 3.50 | 3.46 | 3.44 |  |  |  |  |  |  |  |
| 180                | 3.51 | 3.51 | 3.49 | 3.49 | 3.44 | 3.44 | 3.53 | 3.51 | 3.49 | 3.49 | 3.46 | 3.44 |  |  |  |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-05-04

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
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Remarks: