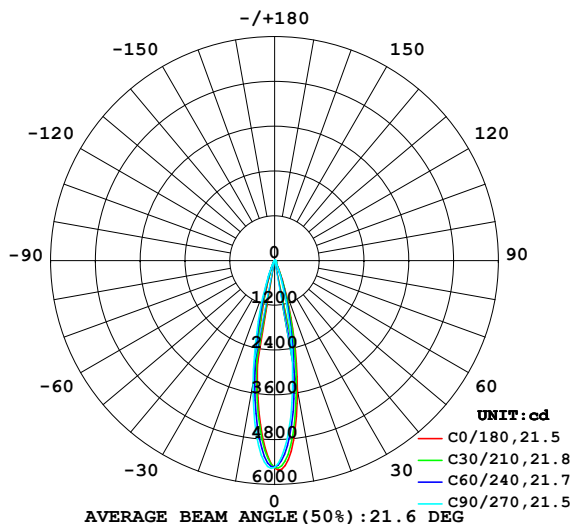


## LUMINAIRE PHOTOMETRIC TEST REPORT

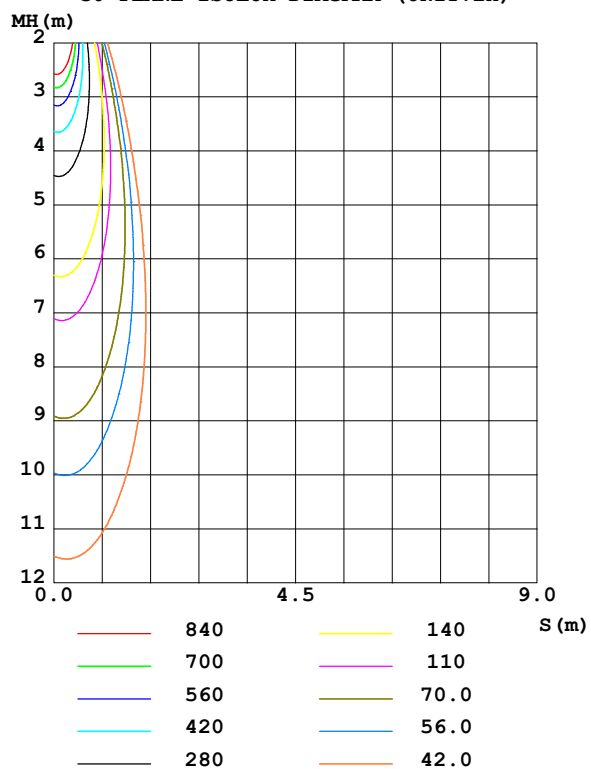
|                                                                                     |             |                  |
|-------------------------------------------------------------------------------------|-------------|------------------|
| Test:U:230.18V I:0.0809A P:9.5216W PF:0.5112 Freq:50.00Hz<br>Lamp Flux:1005.43x1 lm |             |                  |
| NAME:                                                                               | TYPE: 4000K | WEIGHT:          |
| SPEC.:                                                                              | DIM.:       | SERIAL No.:      |
| MFR.:                                                                               | SUR.: D44mm | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 105.59 lm/W |        |                   |          |
|------------------|---------|-----------------------------------|--------|-------------------|----------|
| MODEL            | XY-X02  | I <sub>max</sub> (cd)             | 5654   | S/MH(C0/180)      | 0.33     |
| NOMINAL POWER(W) | 10W     | LOR(%)                            | 100.0  | S/MH(C90/270)     | 0.39     |
| RATED VOLTAGE(V) | 230     | TOTAL FLUX(lm)                    | 1005.4 | η UP,DN(C0-180)   | 0.4,46.8 |
| NOMINAL FLUX(lm) | 1005.43 | CIE CLASS                         | DIRECT | η UP,DN(C180-360) | 0.3,52.4 |
| LAMPS INSIDE     | 1       | η up (%)                          | 0.8    | CIBSE SHR NOM     | 0.00     |
| TEST VOLTAGE(V)  | 230     | η down (%)                        | 99.2   | CIBSE SHR MAX     | 0.30     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: CAM  
Test Date: 01 August 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.473  
Humidity: 65.0%  
Test Distance: 8.910m [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       | 3521                  | 3227   | 2774   | 2426   | 2607   | 2933   | 3319   | 3607   | 0- 10    | 397.0       | 397.0        | 39.5,39.5  |
| 20       | 798.2                 | 658.3  | 509.0  | 369.3  | 425.2  | 510.9  | 694.0  | 791.4  | 10- 20   | 419.1       | 816.1        | 81.2,81.2  |
| 30       | 122.1                 | 101.7  | 82.21  | 71.14  | 75.88  | 85.49  | 99.81  | 118.1  | 20- 30   | 117.1       | 933.3        | 92.8,92.8  |
| 40       | 32.85                 | 33.09  | 30.96  | 28.21  | 26.53  | 27.56  | 28.22  | 30.84  | 30- 40   | 32.48       | 965.7        | 96.1,96.1  |
| 50       | 14.98                 | 14.99  | 14.45  | 13.50  | 12.88  | 13.30  | 14.01  | 14.98  | 40- 50   | 16.70       | 982.4        | 97.7,97.7  |
| 60       | 6.557                 | 6.649  | 6.303  | 5.800  | 5.389  | 5.638  | 6.131  | 6.679  | 50- 60   | 8.651       | 991.1        | 98.6,98.6  |
| 70       | 3.155                 | 3.148  | 3.041  | 2.806  | 2.627  | 2.780  | 3.067  | 3.250  | 60- 70   | 4.310       | 995.4        | 99,99      |
| 80       | 1.118                 | 1.076  | 1.014  | 0.8629 | 0.7026 | 0.8676 | 1.092  | 1.179  | 70- 80   | 2.019       | 997.4        | 99.2,99.2  |
| 90       | 0.0014                | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 80- 90   | 0.3964      | 997.8        | 99.2,99.2  |
| 100      | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 90-100   | 0.0000      | 997.8        | 99.2,99.2  |
| 110      | 0                     | 0.0140 | 0.0227 | 0.0141 | 0.0001 | 0      | 0      | 0      | 100-110  | 0.0019      | 997.8        | 99.2,99.2  |
| 120      | 0.0336                | 0.0701 | 0.1126 | 0.1065 | 0.0731 | 0.0310 | 0      | 0.0169 | 110-120  | 0.0227      | 997.8        | 99.2,99.2  |
| 130      | 0.3254                | 0.4097 | 0.5521 | 0.6144 | 0.3895 | 0.2928 | 0.1908 | 0.1793 | 120-130  | 0.1510      | 998.0        | 99.3,99.3  |
| 140      | 1.749                 | 1.974  | 2.289  | 2.571  | 1.806  | 1.591  | 1.282  | 1.127  | 130-140  | 0.7249      | 998.7        | 99.3,99.3  |
| 150      | 4.603                 | 4.806  | 5.178  | 5.463  | 4.549  | 4.229  | 3.866  | 3.648  | 140-150  | 1.937       | 1001         | 99.5,99.5  |
| 160      | 6.439                 | 6.437  | 6.535  | 6.611  | 6.204  | 6.050  | 5.922  | 5.833  | 150-160  | 2.561       | 1003         | 99.8,99.8  |
| 170      | 5.874                 | 5.643  | 5.424  | 5.528  | 5.412  | 5.451  | 5.470  | 5.575  | 160-170  | 1.732       | 1005         | 100,100    |
| 180      | 4.553                 | 4.632  | 4.503  | 4.565  | 4.531  | 4.618  | 4.531  | 4.584  | 170-180  | 0.4828      | 1005         | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |          | UNIT:lm     |              |            |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:CAM  
Test Date:01 August 2025

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:8.910m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:230.18V I:0.0809A P:9.5216W PF:0.5112 Freq:50.00Hz

Lamp Flux:1005.43x1 lm

NAME:

TYPE: 4000K

WEIGHT:

SPEC.:

DIM.:

SERIAL No.:

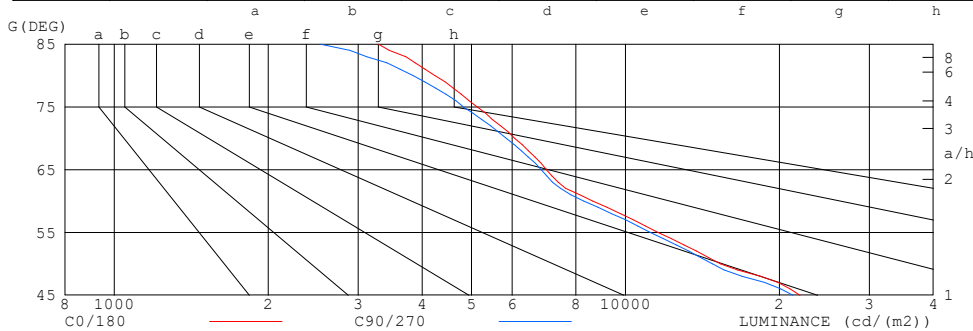
MFR.:

SUR.: D44mm

Shielding Angle:

LUMINANCE LIMITATION CURVES

| GLARE | CLASS | ILLUMINANCE (lx) |      |      |       |       |       |       |       |
|-------|-------|------------------|------|------|-------|-------|-------|-------|-------|
| 1.15  | A     | 2000             | 1000 | 500  | <=300 |       |       |       |       |
| 1.50  | B     |                  | 2000 | 1000 | 500   | <=300 |       |       |       |
| 1.85  | C     |                  |      | 2000 | 1000  | 500   | <=300 |       |       |
| 2.20  | D     |                  |      |      | 2000  | 1000  | 500   | <=300 |       |
| 2.55  | E     |                  |      |      |       | 2000  | 1000  | 500   | <=300 |



| LUMINANCE cd/ (m2) |        |         |
|--------------------|--------|---------|
| G (DEG)            | C0/180 | C90/270 |
| 85                 | 3288   | 2535    |
| 80                 | 4237   | 3841    |
| 75                 | 5125   | 4821    |
| 70                 | 6069   | 5850    |
| 65                 | 7007   | 6843    |
| 60                 | 8628   | 8294    |
| 55                 | 11581  | 11188   |
| 50                 | 15339  | 14795   |
| 45                 | 21935  | 21268   |

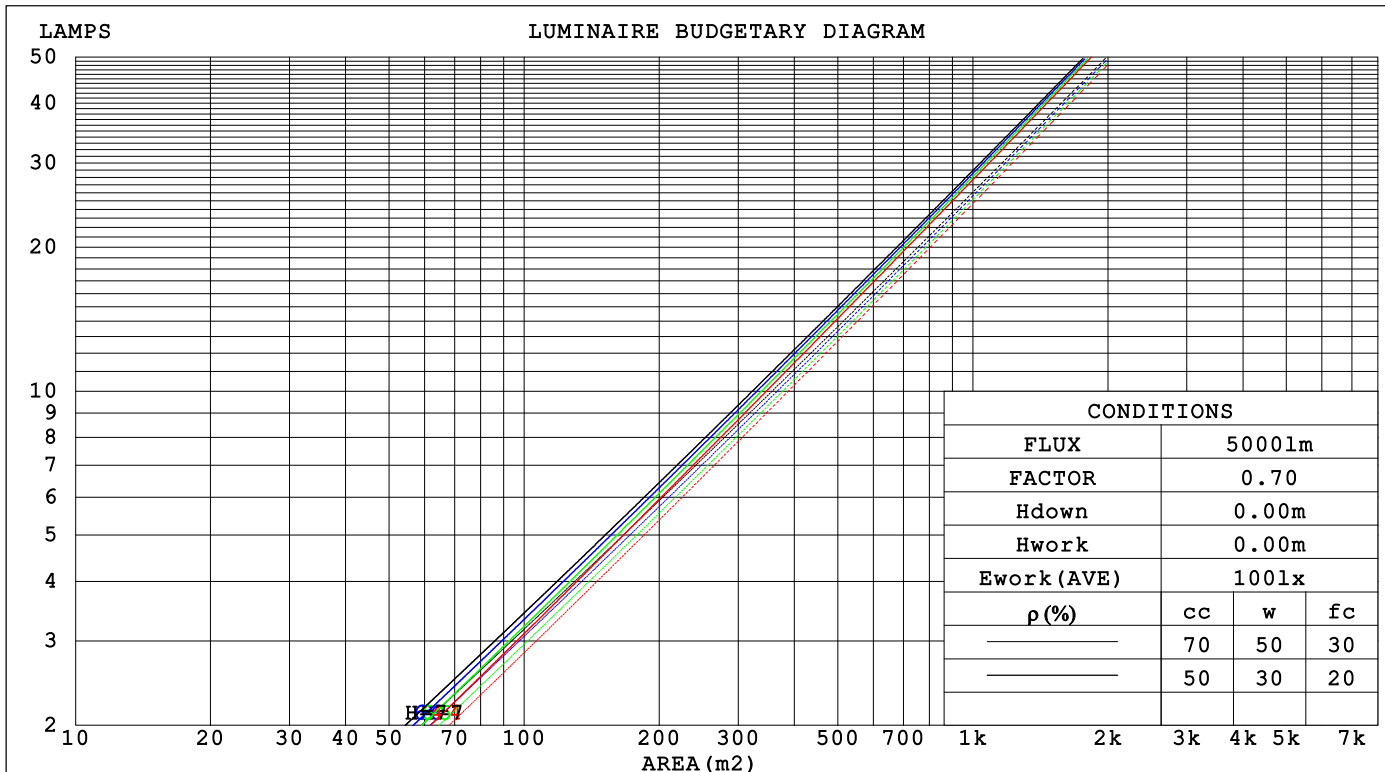
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:CAM  
Test Date:01 August 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:8.910m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                     |             |                  |
|-------------------------------------------------------------------------------------|-------------|------------------|
| Test:U:230.18V I:0.0809A P:9.5216W PF:0.5112 Freq:50.00Hz<br>Lamp Flux:1005.43x1 lm |             |                  |
| NAME:                                                                               | TYPE: 4000K | WEIGHT:          |
| SPEC.:                                                                              | DIM.:       | SERIAL No.:      |
| MFR.:                                                                               | SUR.: D44mm | 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                      Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| 0.0  | 1.19                                                                       | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.01 | 1.01 | 1.01 | .99 |
| 1.0  | 1.13                                                                       | 1.11 | 1.09 | 1.10 | 1.09 | 1.07 | 1.06 | 1.05 | 1.04 | 1.03 | 1.02 | 1.01 | .99  | .98  | .98  | .96 |
| 2.0  | 1.07                                                                       | 1.04 | 1.02 | 1.06 | 1.03 | 1.01 | 1.02 | 1.00 | .98  | .99  | .98  | .96  | .97  | .95  | .94  | .93 |
| 3.0  | 1.03                                                                       | .99  | .96  | 1.01 | .98  | .96  | .99  | .96  | .94  | .96  | .94  | .92  | .94  | .93  | .91  | .90 |
| 4.0  | .99                                                                        | .95  | .92  | .98  | .94  | .91  | .96  | .93  | .90  | .94  | .91  | .89  | .92  | .90  | .88  | .87 |
| 5.0  | .95                                                                        | .91  | .88  | .94  | .91  | .88  | .93  | .90  | .87  | .91  | .88  | .86  | .90  | .87  | .85  | .84 |
| 6.0  | .92                                                                        | .88  | .85  | .91  | .88  | .85  | .90  | .87  | .84  | .89  | .86  | .84  | .88  | .85  | .83  | .82 |
| 7.0  | .89                                                                        | .85  | .82  | .89  | .85  | .82  | .88  | .84  | .82  | .86  | .83  | .81  | .85  | .83  | .81  | .80 |
| 8.0  | .87                                                                        | .83  | .80  | .86  | .82  | .80  | .85  | .82  | .79  | .84  | .81  | .79  | .83  | .81  | .79  | .78 |
| 9.0  | .84                                                                        | .80  | .78  | .84  | .80  | .78  | .83  | .80  | .77  | .82  | .79  | .77  | .82  | .79  | .77  | .76 |
| 10.0 | .82                                                                        | .78  | .76  | .82  | .78  | .76  | .81  | .78  | .75  | .80  | .77  | .75  | .80  | .77  | .75  | .74 |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:CAM  
Test Date:01 August 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:8.910m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                                                                     |             |                  |
|-------------------------------------------------------------------------------------|-------------|------------------|
| Test:U:230.18V I:0.0809A P:9.5216W PF:0.5112 Freq:50.00Hz<br>Lamp Flux:1005.43x1 lm |             |                  |
| NAME:                                                                               | TYPE: 4000K | WEIGHT:          |
| SPEC.:                                                                              | DIM.:       | SERIAL No.:      |
| MFR.:                                                                               | SUR.: D44mm | 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  | .138                  | .078 | .025 | .131 | .075 | .024 | .118                            | .068 | .022 | .106 | .061 | .020 | .096 | .055 | .018 |   |  |
| 2.0  | .128                  | .070 | .021 | .122 | .067 | .021 | .111                            | .062 | .019 | .102 | .057 | .018 | .092 | .052 | .016 |   |  |
| 3.0  | .119                  | .063 | .019 | .114 | .061 | .018 | .105                            | .057 | .017 | .097 | .053 | .016 | .089 | .049 | .015 |   |  |
| 4.0  | .111                  | .058 | .017 | .107 | .056 | .017 | .099                            | .053 | .016 | .092 | .050 | .015 | .086 | .047 | .014 |   |  |
| 5.0  | .104                  | .053 | .015 | .101 | .052 | .015 | .094                            | .049 | .014 | .088 | .046 | .014 | .083 | .044 | .013 |   |  |
| 6.0  | .098                  | .049 | .014 | .095 | .048 | .014 | .090                            | .046 | .013 | .084 | .044 | .013 | .079 | .042 | .012 |   |  |
| 7.0  | .093                  | .046 | .013 | .090 | .045 | .013 | .085                            | .043 | .012 | .081 | .041 | .012 | .077 | .040 | .012 |   |  |
| 8.0  | .088                  | .043 | .012 | .086 | .042 | .012 | .082                            | .041 | .012 | .078 | .039 | .011 | .074 | .038 | .011 |   |  |
| 9.0  | .084                  | .041 | .011 | .082 | .040 | .011 | .078                            | .039 | .011 | .075 | .037 | .011 | .071 | .036 | .010 |   |  |
| 10.0 | .080                  | .039 | .011 | .079 | .038 | .011 | .075                            | .037 | .010 | .072 | .036 | .010 | .069 | .035 | .010 |   |  |

| 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  | .196                  | .196 | .196 | .168 | .168 | .168 | .114                                        | .114 | .114 | .066 | .066 | .066 | .021 | .021 | .021 |   |  |
| 1.0  | .174                  | .163 | .154 | .149 | .140 | .132 | .102                                        | .097 | .092 | .059 | .056 | .053 | .019 | .018 | .017 |   |  |
| 2.0  | .156                  | .139 | .124 | .134 | .119 | .107 | .092                                        | .083 | .075 | .053 | .048 | .044 | .017 | .016 | .014 |   |  |
| 3.0  | .141                  | .119 | .102 | .121 | .103 | .088 | .083                                        | .071 | .062 | .048 | .042 | .036 | .015 | .014 | .012 |   |  |
| 4.0  | .129                  | .104 | .085 | .110 | .090 | .074 | .076                                        | .063 | .052 | .044 | .037 | .031 | .014 | .012 | .010 |   |  |
| 5.0  | .118                  | .091 | .072 | .101 | .079 | .063 | .070                                        | .055 | .044 | .040 | .032 | .026 | .013 | .011 | .009 |   |  |
| 6.0  | .109                  | .081 | .062 | .094 | .071 | .054 | .065                                        | .049 | .038 | .038 | .029 | .023 | .012 | .010 | .007 |   |  |
| 7.0  | .101                  | .073 | .054 | .087 | .064 | .047 | .060                                        | .045 | .033 | .035 | .026 | .020 | .011 | .009 | .007 |   |  |
| 8.0  | .095                  | .067 | .047 | .082 | .058 | .041 | .056                                        | .040 | .029 | .033 | .024 | .017 | .011 | .008 | .006 |   |  |
| 9.0  | .089                  | .061 | .042 | .077 | .053 | .036 | .053                                        | .037 | .026 | .031 | .022 | .015 | .010 | .007 | .005 |   |  |
| 10.0 | .084                  | .056 | .037 | .072 | .049 | .033 | .050                                        | .034 | .023 | .029 | .020 | .014 | .009 | .007 | .005 |   |  |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:CAM  
Test Date:01 August 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:8.910m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

|                                                                                     |                  |      |      |      |             |                |      |                  |      |      |
|-------------------------------------------------------------------------------------|------------------|------|------|------|-------------|----------------|------|------------------|------|------|
| Test:U:230.18V I:0.0809A P:9.5216W PF:0.5112 Freq:50.00Hz<br>Lamp Flux:1005.43x1 lm |                  |      |      |      |             |                |      |                  |      |      |
| NAME:                                                                               |                  |      |      |      | TYPE: 4000K |                |      | WEIGHT:          |      |      |
| SPEC.:                                                                              |                  |      |      |      | DIM.:       |                |      | SERIAL No.:      |      |      |
| MFR.:                                                                               |                  |      |      |      | SUR.: D44mm |                |      | 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                                                                       | 13.6             | 14.2 | 13.8 | 14.4 | 14.6        | 13.1           | 13.7 | 13.3             | 13.9 | 14.0 |
| 3H                                                                                  | 13.9             | 14.5 | 14.1 | 14.7 | 14.9        | 13.4           | 14.0 | 13.7             | 14.2 | 14.4 |
| 4H                                                                                  | 14.0             | 14.6 | 14.3 | 14.8 | 15.0        | 13.5           | 14.1 | 13.8             | 14.3 | 14.5 |
| 6H                                                                                  | 14.0             | 14.6 | 14.3 | 14.8 | 15.1        | 13.6           | 14.1 | 13.9             | 14.4 | 14.6 |
| 8H                                                                                  | 14.0             | 14.6 | 14.3 | 14.8 | 15.1        | 13.6           | 14.1 | 13.9             | 14.4 | 14.6 |
| 12H                                                                                 | 14.0             | 14.5 | 14.3 | 14.8 | 15.1        | 13.6           | 14.1 | 13.9             | 14.3 | 14.6 |
| 4H 2H                                                                               | 13.7             | 14.2 | 13.9 | 14.4 | 14.7        | 13.2           | 13.8 | 13.5             | 14.0 | 14.2 |
| 3H                                                                                  | 14.0             | 14.5 | 14.4 | 14.8 | 15.1        | 13.6           | 14.1 | 13.9             | 14.4 | 14.7 |
| 4H                                                                                  | 14.2             | 14.7 | 14.5 | 15.0 | 15.3        | 13.8           | 14.3 | 14.1             | 14.6 | 14.9 |
| 6H                                                                                  | 14.3             | 14.7 | 14.7 | 15.0 | 15.4        | 13.9           | 14.3 | 14.3             | 14.7 | 15.0 |
| 8H                                                                                  | 14.3             | 14.7 | 14.7 | 15.1 | 15.4        | 13.9           | 14.3 | 14.3             | 14.7 | 15.0 |
| 12H                                                                                 | 14.3             | 14.7 | 14.7 | 15.0 | 15.4        | 13.9           | 14.3 | 14.3             | 14.6 | 15.0 |
| 8H 4H                                                                               | 14.2             | 14.6 | 14.6 | 14.9 | 15.3        | 13.8           | 14.2 | 14.2             | 14.5 | 14.9 |
| 6H                                                                                  | 14.3             | 14.6 | 14.8 | 15.0 | 15.5        | 13.9           | 14.3 | 14.4             | 14.7 | 15.1 |
| 8H                                                                                  | 14.4             | 14.6 | 14.8 | 15.1 | 15.5        | 14.0           | 14.3 | 14.4             | 14.7 | 15.2 |
| 12H                                                                                 | 14.4             | 14.6 | 14.8 | 15.1 | 15.5        | 14.0           | 14.2 | 14.5             | 14.7 | 15.2 |
| 12H 4H                                                                              | 14.1             | 14.5 | 14.6 | 14.9 | 15.3        | 13.8           | 14.1 | 14.2             | 14.5 | 14.9 |
| 6H                                                                                  | 14.3             | 14.6 | 14.7 | 15.0 | 15.5        | 13.9           | 14.2 | 14.4             | 14.6 | 15.1 |
| 8H                                                                                  | 14.3             | 14.6 | 14.8 | 15.0 | 15.5        | 14.0           | 14.2 | 14.4             | 14.7 | 15.2 |
| Variations with the observer position at spacings(CIE Pub.117):                     |                  |      |      |      |             |                |      |                  |      |      |
| S = 1.0H                                                                            | + 1.2 / - 1.5    |      |      |      |             | + 1.1 / - 1.5  |      |                  |      |      |
| 1.5H                                                                                | + 1.8 / - 1.2    |      |      |      |             | + 1.3 / - 1.1  |      |                  |      |      |
| 2.0H                                                                                | + 2.4 / - 1.8    |      |      |      |             | + 2.4 / - 1.7  |      |                  |      |      |

CIE Pub.117, 1005 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.0)  
Area: 0.00151976 m2

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:01 August 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.473

Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                     |             |                  |
|-------------------------------------------------------------------------------------|-------------|------------------|
| Test:U:230.18V I:0.0809A P:9.5216W PF:0.5112 Freq:50.00Hz<br>Lamp Flux:1005.43x1 lm |             |                  |
| NAME:                                                                               | TYPE: 4000K | WEIGHT:          |
| SPEC.:                                                                              | DIM.:       | SERIAL No.:      |
| MFR.:                                                                               | SUR.: D44mm | Shielding Angle: |

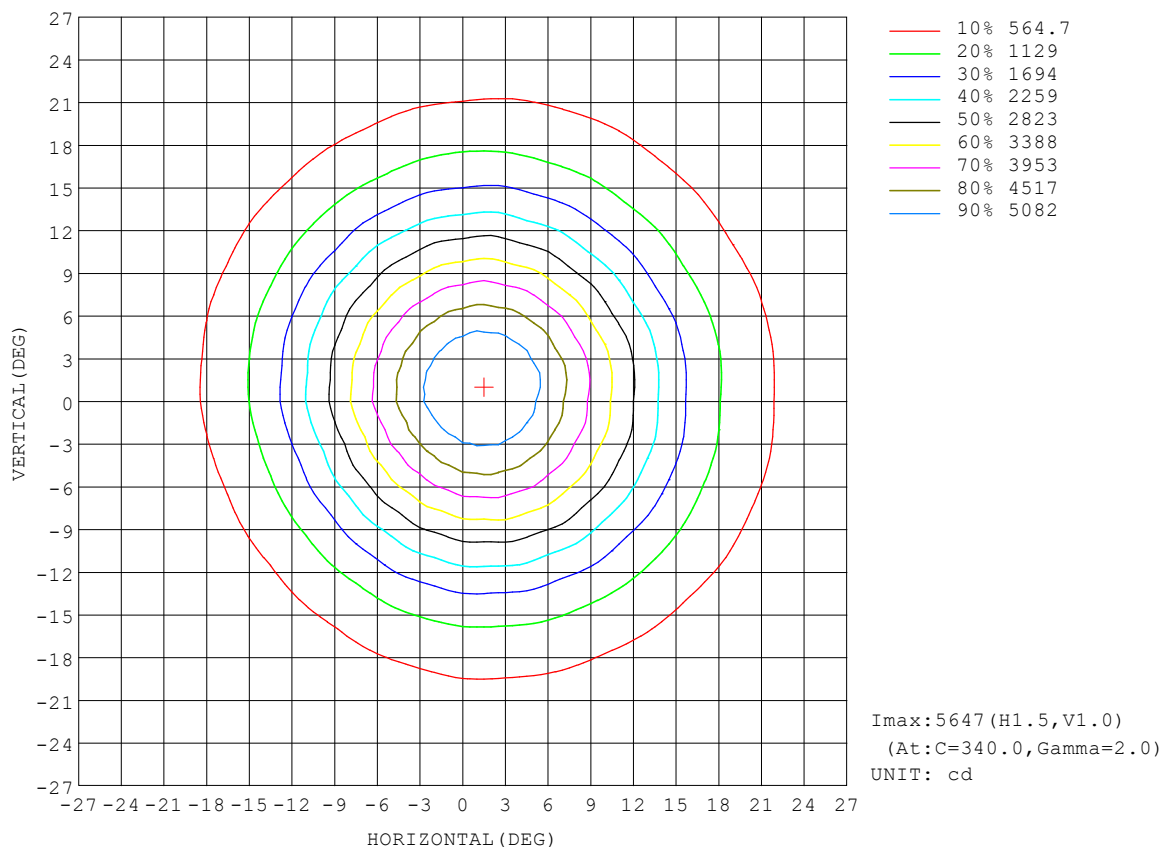
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 89                                                   | 83  | 80        | 89  | 83  | 79  | 88  | 83            | 79  | 76     |
| 0.80                             | 96                                                   | 91  | 87        | 96  | 90  | 87  | 94  | 90            | 87  | 83     |
| 1.00                             | 100                                                  | 95  | 92        | 99  | 95  | 91  | 98  | 94            | 91  | 87     |
| 1.25                             | 104                                                  | 99  | 96        | 103 | 98  | 95  | 101 | 97            | 95  | 90     |
| 1.50                             | 107                                                  | 102 | 99        | 105 | 101 | 98  | 103 | 100           | 97  | 93     |
| 2.00                             | 109                                                  | 105 | 102       | 107 | 104 | 101 | 105 | 102           | 100 | 94     |
| 2.50                             | 111                                                  | 107 | 104       | 109 | 106 | 103 | 106 | 103           | 101 | 95     |
| 3.00                             | 112                                                  | 109 | 106       | 110 | 107 | 105 | 107 | 105           | 103 | 96     |
| 4.00                             | 114                                                  | 111 | 109       | 112 | 110 | 108 | 108 | 106           | 105 | 98     |
| 5.00                             | 115                                                  | 113 | 111       | 113 | 111 | 110 | 109 | 108           | 106 | 99     |
| 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: 25.3 °C  
Operators: CAM  
Test Date: 01 August 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.473  
Humidity: 65.0%  
Test Distance: 8.910m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

|                                                                                     |             |                  |
|-------------------------------------------------------------------------------------|-------------|------------------|
| Test:U:230.18V I:0.0809A P:9.5216W PF:0.5112 Freq:50.00Hz<br>Lamp Flux:1005.43x1 lm |             |                  |
| NAME:                                                                               | TYPE: 4000K | WEIGHT:          |
| SPEC.:                                                                              | DIM.:       | SERIAL No.:      |
| MFR.:                                                                               | SUR.: D44mm | Shielding Angle: |

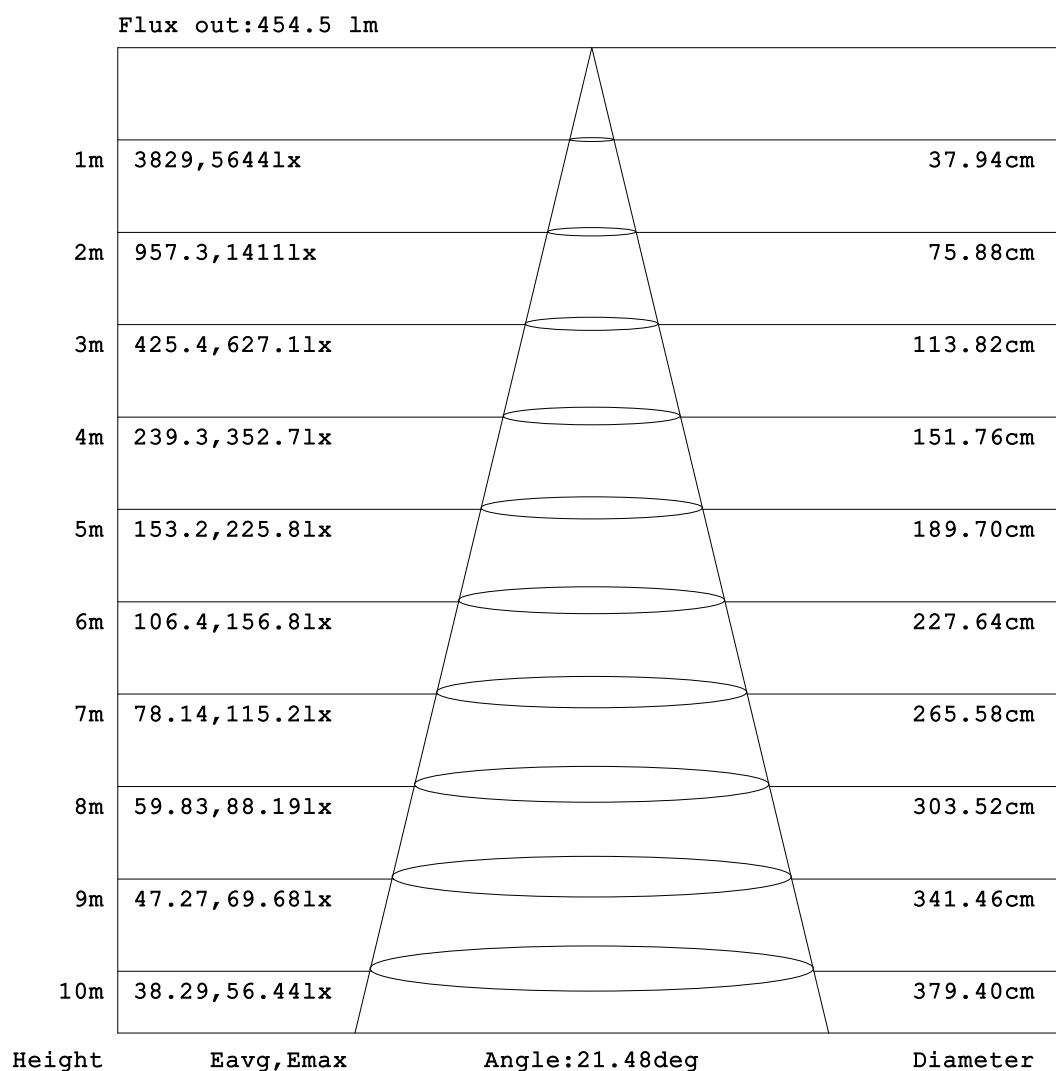


C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:CAM  
Test Date:01 August 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:8.910m [K=1.0000]  
Remarks:

**AAI Figure**

|                                                                                     |             |                  |
|-------------------------------------------------------------------------------------|-------------|------------------|
| Test:U:230.18V I:0.0809A P:9.5216W PF:0.5112 Freq:50.00Hz<br>Lamp Flux:1005.43x1 lm |             |                  |
| NAME:                                                                               | TYPE: 4000K | WEIGHT:          |
| SPEC.:                                                                              | DIM.:       | SERIAL No.:      |
| MFR.:                                                                               | SUR.: D44mm | Shielding Angle: |



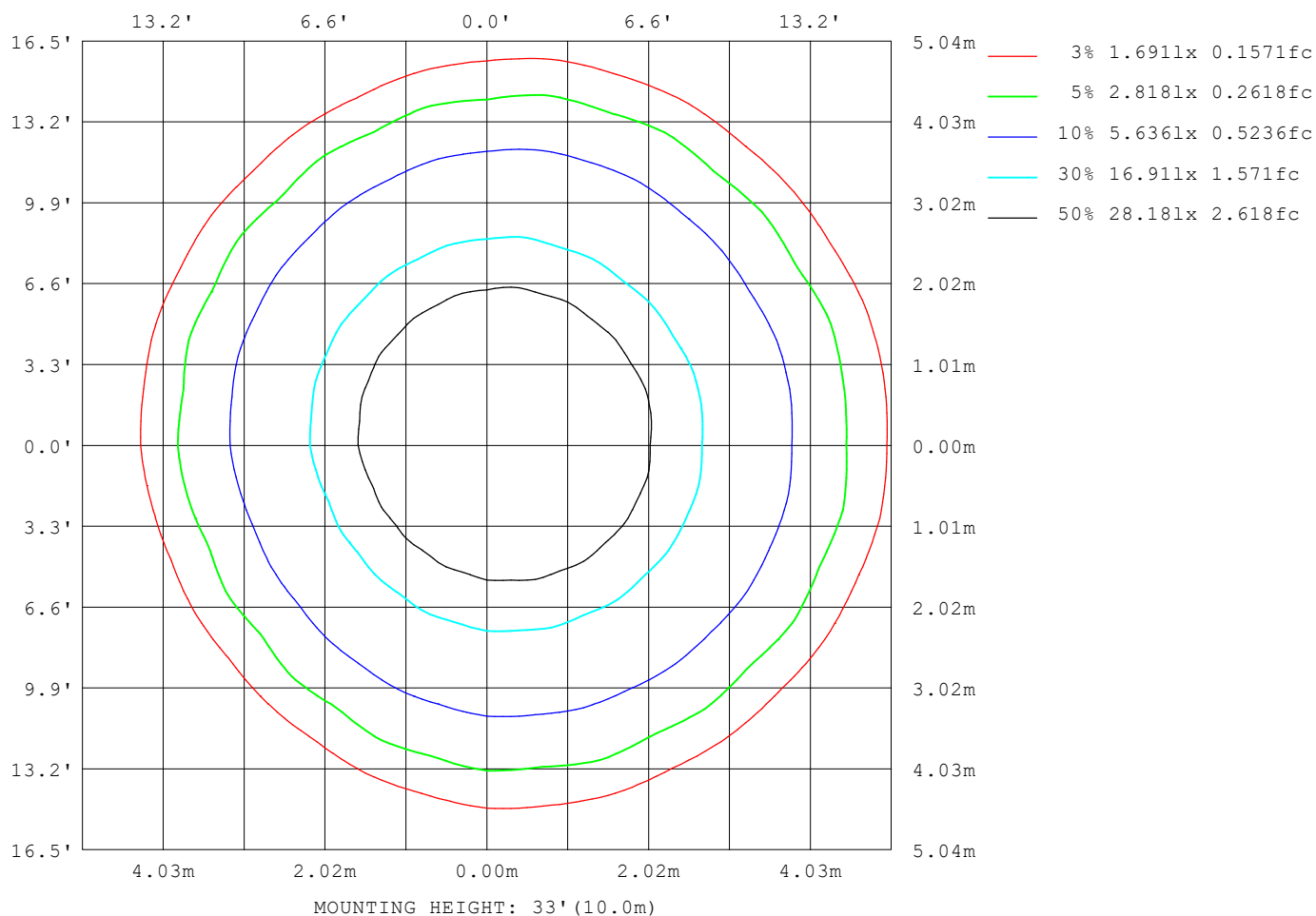
**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:CAM  
 Test Date:01 August 2025

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:8.910m [K=1.0000]  
 Remarks:

### ISOLUX DIAGRAM

|                                                                                     |             |                  |
|-------------------------------------------------------------------------------------|-------------|------------------|
| Test:U:230.18V I:0.0809A P:9.5216W PF:0.5112 Freq:50.00Hz<br>Lamp Flux:1005.43x1 lm |             |                  |
| NAME:                                                                               | TYPE: 4000K | WEIGHT:          |
| SPEC.:                                                                              | DIM.:       | SERIAL No.:      |
| MFR.:                                                                               | SUR.: D44mm | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:CAM  
Test Date:01 August 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:8.910m [K=1.0000]  
Remarks:

### LED Avg.L Report

|                                                                                     |             |                  |
|-------------------------------------------------------------------------------------|-------------|------------------|
| Test:U:230.18V I:0.0809A P:9.5216W PF:0.5112 Freq:50.00Hz<br>Lamp Flux:1005.43x1 lm |             |                  |
| NAME:                                                                               | TYPE: 4000K | WEIGHT:          |
| SPEC.:                                                                              | DIM.:       | SERIAL No.:      |
| MFR.:                                                                               | SUR.: D44mm | Shielding Angle: |

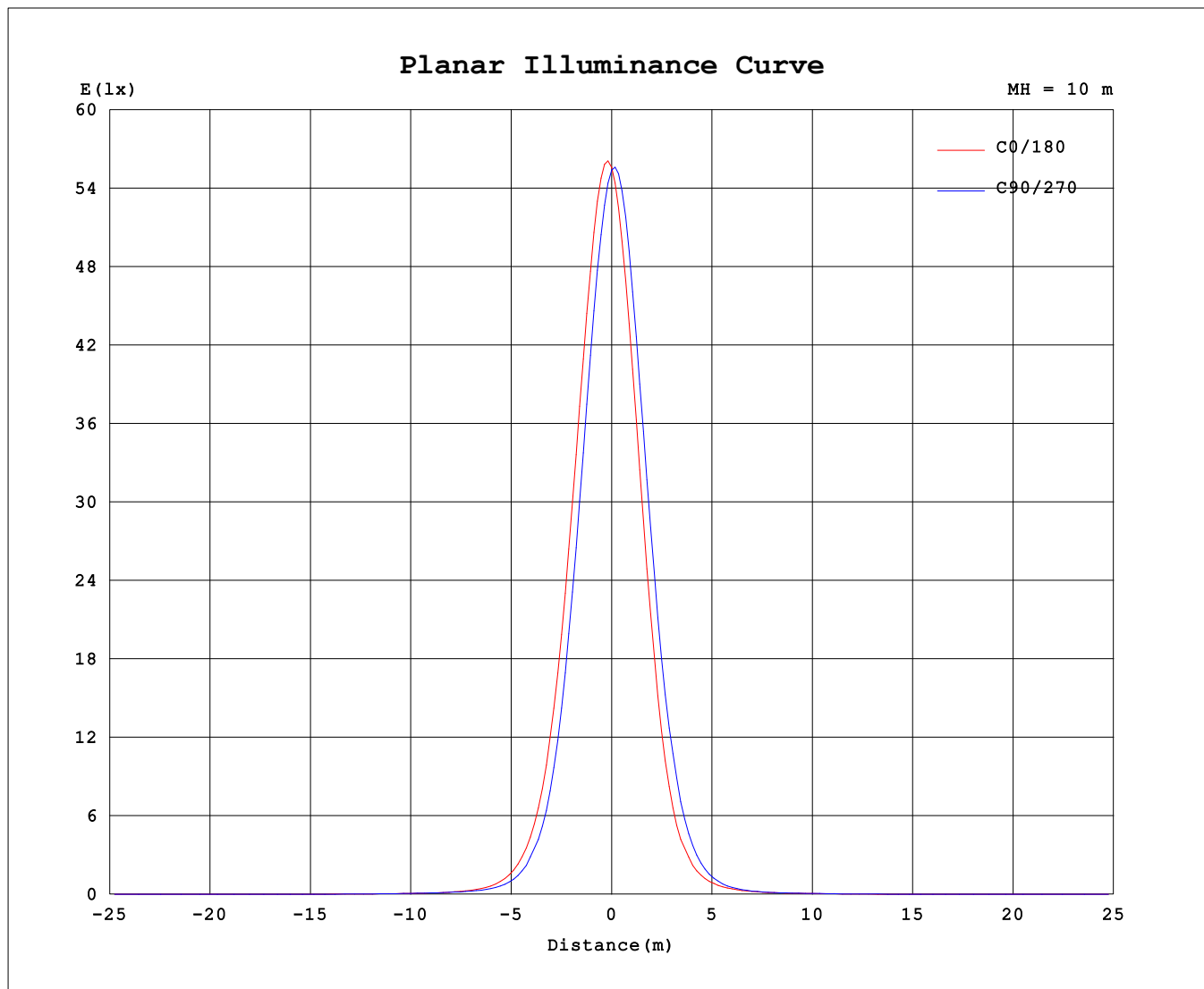
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 6540  |
| L_0~180 (75) av  | 4582  |
| L_0~180 (85) av  | 1686  |
| L_90~270 (65) av | 6781  |
| L_90~270 (75) av | 4921  |
| L_90~270 (85) av | 2755  |
| L_45 (65) av     | 6701  |
| L_45 (75) av     | 4790  |
| L_45 (85) av     | 2061  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:CAM  
Test Date:01 August 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:8.910m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: CAM  
Test Date: 01 August 2025

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.473  
Humidity: 65.0%  
Test Distance: 8.910m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                     |             |                  |
|-------------------------------------------------------------------------------------|-------------|------------------|
| Test:U:230.18V I:0.0809A P:9.5216W PF:0.5112 Freq:50.00Hz<br>Lamp Flux:1005.43x1 lm |             |                  |
| NAME:                                                                               | TYPE: 4000K | WEIGHT:          |
| SPEC.:                                                                              | DIM.:       | SERIAL No.:      |
| MFR.:                                                                               | SUR.: D44mm | 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                  | 5559 | 5543 | 5550 | 5538 | 5542 | 5537 | 5533 | 5535 | 5527 | 5538 | 5527 | 5541 | 5527 | 5548 | 5534 | 5557 | 5543 | 5567 | 5559 |
| 5                  | 5120 | 5101 | 5008 | 4973 | 4862 | 4827 | 4709 | 4674 | 4549 | 4514 | 4394 | 4379 | 4277 | 4294 | 4221 | 4277 | 4245 | 4331 | 4415 |
| 10                 | 3521 | 3530 | 3412 | 3379 | 3247 | 3206 | 3041 | 2985 | 2825 | 2774 | 2630 | 2602 | 2464 | 2466 | 2387 | 2432 | 2385 | 2487 | 2607 |
| 15                 | 1880 | 1893 | 1814 | 1772 | 1656 | 1619 | 1517 | 1457 | 1362 | 1310 | 1238 | 1171 | 1079 | 1059 | 996  | 1014 | 998  | 1051 | 1133 |
| 20                 | 798  | 803  | 757  | 733  | 674  | 643  | 592  | 573  | 530  | 509  | 461  | 432  | 387  | 390  | 349  | 372  | 354  | 393  | 425  |
| 25                 | 315  | 325  | 291  | 277  | 250  | 239  | 222  | 217  | 203  | 196  | 177  | 167  | 155  | 150  | 150  | 149  | 150  | 154  | 163  |
| 30                 | 122  | 120  | 113  | 110  | 103  | 100  | 93.6 | 90.8 | 85.6 | 82.2 | 76.8 | 74.5 | 71.3 | 71.7 | 70.6 | 72.1 | 71.7 | 73.2 | 75.9 |
| 35                 | 58.1 | 57.8 | 56.0 | 55.5 | 53.4 | 52.8 | 50.6 | 49.2 | 47.0 | 45.7 | 44.1 | 43.5 | 42.4 | 42.4 | 41.6 | 41.8 | 41.1 | 41.2 | 41.7 |
| 40                 | 32.9 | 33.1 | 32.9 | 33.3 | 33.0 | 33.2 | 32.6 | 32.6 | 31.5 | 31.0 | 30.2 | 29.8 | 28.9 | 28.5 | 27.9 | 27.6 | 27.0 | 26.6 | 26.5 |
| 45                 | 23.6 | 23.7 | 23.7 | 23.8 | 23.6 | 23.6 | 23.3 | 23.4 | 23.0 | 22.9 | 22.3 | 22.2 | 21.6 | 21.4 | 20.8 | 20.6 | 20.1 | 20.0 | 19.9 |
| 50                 | 15.0 | 15.0 | 15.0 | 15.1 | 15.0 | 15.0 | 14.8 | 14.8 | 14.5 | 14.5 | 14.1 | 14.1 | 13.7 | 13.7 | 13.3 | 13.3 | 12.9 | 12.8 | 12.9 |
| 55                 | 10.1 | 10.1 | 10.1 | 10.2 | 10.1 | 10.2 | 10.0 | 9.98 | 9.81 | 9.75 | 9.56 | 9.50 | 9.32 | 9.24 | 9.02 | 8.90 | 8.59 | 8.38 | 8.39 |
| 60                 | 6.56 | 6.56 | 6.58 | 6.67 | 6.67 | 6.63 | 6.57 | 6.50 | 6.37 | 6.30 | 6.15 | 6.10 | 5.94 | 5.89 | 5.71 | 5.65 | 5.44 | 5.43 | 5.39 |
| 65                 | 4.50 | 4.52 | 4.49 | 4.52 | 4.49 | 4.52 | 4.49 | 4.49 | 4.42 | 4.40 | 4.32 | 4.29 | 4.20 | 4.18 | 4.07 | 4.02 | 3.91 | 3.88 | 3.90 |
| 70                 | 3.15 | 3.16 | 3.13 | 3.15 | 3.14 | 3.15 | 3.13 | 3.12 | 3.07 | 3.04 | 2.97 | 2.95 | 2.88 | 2.85 | 2.76 | 2.70 | 2.65 | 2.61 | 2.63 |
| 75                 | 2.02 | 2.00 | 2.00 | 1.98 | 1.99 | 1.99 | 1.98 | 1.97 | 1.94 | 1.90 | 1.86 | 1.82 | 1.80 | 1.74 | 1.69 | 1.64 | 1.60 | 1.56 | 1.59 |
| 80                 | 1.12 | 1.10 | 1.10 | 1.08 | 1.09 | 1.06 | 1.09 | 1.06 | 1.06 | 1.01 | 1.01 | 0.95 | 0.94 | 0.88 | 0.85 | 0.79 | 0.76 | 0.68 | 0.70 |
| 85                 | 0.44 | 0.40 | 0.42 | 0.38 | 0.32 | 0.36 | 0.41 | 0.37 | 0.39 | 0.34 | 0.34 | 0.29 | 0.29 | 0.18 | 0.20 | 0.16 | 0.14 | 0.01 | 0.01 |
| 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 | 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 | 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 | 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 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| 110                | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.03 | 0.00 | 0.02 | 0.00 | 0.02 | 0.00 | 0.03 | 0.00 | 0.03 | 0.00 | 0.03 | 0.00 | 0.03 | 0.00 |
| 115                | 0.00 | 0.05 | 0.00 | 0.05 | 0.00 | 0.05 | 0.00 | 0.05 | 0.00 | 0.05 | 0.01 | 0.06 | 0.00 | 0.06 | 0.00 | 0.06 | 0.01 | 0.07 | 0.03 |
| 120                | 0.03 | 0.10 | 0.04 | 0.08 | 0.04 | 0.10 | 0.04 | 0.11 | 0.05 | 0.11 | 0.06 | 0.12 | 0.07 | 0.13 | 0.08 | 0.14 | 0.08 | 0.14 | 0.07 |
| 125                | 0.12 | 0.18 | 0.13 | 0.19 | 0.14 | 0.20 | 0.16 | 0.22 | 0.17 | 0.24 | 0.20 | 0.26 | 0.22 | 0.28 | 0.23 | 0.29 | 0.24 | 0.30 | 0.16 |
| 130                | 0.33 | 0.38 | 0.35 | 0.41 | 0.38 | 0.44 | 0.42 | 0.50 | 0.48 | 0.55 | 0.53 | 0.59 | 0.58 | 0.62 | 0.60 | 0.65 | 0.63 | 0.66 | 0.39 |
| 135                | 0.81 | 0.86 | 0.87 | 0.92 | 0.95 | 1.01 | 1.04 | 1.10 | 1.14 | 1.19 | 1.23 | 1.28 | 1.31 | 1.35 | 1.37 | 1.39 | 1.40 | 1.40 | 0.89 |
| 140                | 1.75 | 1.77 | 1.82 | 1.86 | 1.95 | 2.00 | 2.09 | 2.15 | 2.24 | 2.29 | 2.39 | 2.42 | 2.51 | 2.53 | 2.61 | 2.60 | 2.64 | 2.61 | 1.81 |
| 145                | 3.11 | 3.13 | 3.19 | 3.24 | 3.34 | 3.39 | 3.51 | 3.57 | 3.69 | 3.74 | 3.87 | 3.91 | 4.01 | 4.04 | 4.12 | 4.11 | 4.16 | 4.12 | 3.11 |
| 150                | 4.60 | 4.62 | 4.67 | 4.72 | 4.77 | 4.84 | 4.93 | 5.00 | 5.10 | 5.18 | 5.26 | 5.32 | 5.39 | 5.44 | 5.49 | 5.51 | 5.53 | 5.53 | 4.55 |
| 155                | 5.81 | 5.83 | 5.83 | 5.88 | 5.89 | 5.95 | 5.98 | 6.07 | 6.11 | 6.20 | 6.22 | 6.29 | 6.30 | 6.38 | 6.37 | 6.43 | 6.41 | 6.45 | 5.69 |
| 160                | 6.44 | 6.48 | 6.42 | 6.44 | 6.42 | 6.46 | 6.46 | 6.48 | 6.50 | 6.53 | 6.56 | 6.57 | 6.60 | 6.61 | 6.61 | 6.63 | 6.66 | 6.68 | 6.20 |
| 165                | 6.45 | 6.38 | 6.40 | 6.31 | 6.35 | 6.28 | 6.31 | 6.24 | 6.27 | 6.22 | 6.28 | 6.24 | 6.28 | 6.26 | 6.33 | 6.30 | 6.35 | 6.32 | 6.03 |
| 170                | 5.87 | 5.80 | 5.78 | 5.67 | 5.68 | 5.61 | 5.59 | 5.48 | 5.48 | 5.42 | 5.46 | 5.42 | 5.50 | 5.49 | 5.56 | 5.54 | 5.60 | 5.57 | 5.41 |
| 175                | 5.00 | 4.92 | 4.92 | 4.84 | 4.90 | 4.82 | 4.85 | 4.74 | 4.74 | 4.67 | 4.71 | 4.65 | 4.72 | 4.72 | 4.83 | 4.77 | 4.78 | 4.71 | 4.65 |
| 180                | 4.55 | 4.52 | 4.51 | 4.53 | 4.63 | 4.63 | 4.58 | 4.53 | 4.51 | 4.50 | 4.50 | 4.50 | 4.53 | 4.55 | 4.58 | 4.51 | 4.49 | 4.49 | 4.53 |

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:01 August 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.473

Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                     |  |  |  |  |  |  |  |  |             |  |  |  |  |  |                  |  |  |
|-------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|-------------|--|--|--|--|--|------------------|--|--|
| Test:U:230.18V I:0.0809A P:9.5216W PF:0.5112 Freq:50.00Hz<br>Lamp Flux:1005.43x1 lm |  |  |  |  |  |  |  |  |             |  |  |  |  |  |                  |  |  |
| NAME:                                                                               |  |  |  |  |  |  |  |  | TYPE: 4000K |  |  |  |  |  | WEIGHT:          |  |  |
| SPEC.:                                                                              |  |  |  |  |  |  |  |  | DIM.:       |  |  |  |  |  | SERIAL No.:      |  |  |
| MFR.:                                                                               |  |  |  |  |  |  |  |  | SUR.: D44mm |  |  |  |  |  | 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                  | 5543 | 5550 | 5538 | 5542 | 5537 | 5533 | 5535 | 5527 | 5538 | 5527 | 5541 | 5527 | 5548 | 5534 | 5557 | 5543 | 5567 |  |  |
| 5                  | 4414 | 4506 | 4515 | 4618 | 4642 | 4763 | 4806 | 4931 | 4976 | 5091 | 5119 | 5212 | 5216 | 5278 | 5247 | 5279 | 5221 |  |  |
| 10                 | 2622 | 2743 | 2780 | 2921 | 2946 | 3083 | 3127 | 3275 | 3319 | 3461 | 3474 | 3582 | 3571 | 3643 | 3608 | 3673 | 3628 |  |  |
| 15                 | 1191 | 1246 | 1306 | 1359 | 1421 | 1501 | 1567 | 1655 | 1693 | 1798 | 1783 | 1868 | 1838 | 1912 | 1895 | 1965 | 1938 |  |  |
| 20                 | 420  | 454  | 466  | 503  | 518  | 566  | 597  | 662  | 694  | 750  | 759  | 791  | 780  | 803  | 798  | 834  | 828  |  |  |
| 25                 | 171  | 175  | 177  | 188  | 192  | 208  | 218  | 243  | 259  | 285  | 290  | 316  | 296  | 319  | 306  | 337  | 323  |  |  |
| 30                 | 75.8 | 78.5 | 80.1 | 84.4 | 86.5 | 91.5 | 93.3 | 98.0 | 99.8 | 105  | 107  | 114  | 115  | 121  | 123  | 129  | 134  |  |  |
| 35                 | 41.3 | 42.3 | 42.8 | 44.6 | 45.2 | 46.6 | 46.8 | 48.0 | 47.7 | 48.8 | 49.2 | 51.6 | 52.8 | 55.9 | 57.1 | 59.9 | 59.9 |  |  |
| 40                 | 26.2 | 26.7 | 26.9 | 27.4 | 27.7 | 28.1 | 28.1 | 28.5 | 28.2 | 28.5 | 28.7 | 29.7 | 30.2 | 31.5 | 32.1 | 33.4 | 33.5 |  |  |
| 45                 | 19.5 | 20.3 | 20.5 | 21.0 | 21.0 | 21.4 | 21.5 | 21.9 | 22.1 | 22.5 | 22.5 | 22.9 | 22.9 | 23.2 | 23.2 | 23.5 | 23.7 |  |  |
| 50                 | 12.7 | 12.9 | 12.9 | 13.3 | 13.3 | 13.7 | 13.6 | 14.0 | 14.0 | 14.4 | 14.4 | 14.8 | 14.8 | 15.1 | 15.1 | 15.3 | 15.2 |  |  |
| 55                 | 8.29 | 8.35 | 8.46 | 8.71 | 8.84 | 9.03 | 9.09 | 9.30 | 9.38 | 9.62 | 9.71 | 9.95 | 10.0 | 10.3 | 10.3 | 10.4 | 10.3 |  |  |
| 60                 | 5.30 | 5.41 | 5.44 | 5.62 | 5.66 | 5.83 | 5.90 | 6.07 | 6.13 | 6.30 | 6.40 | 6.54 | 6.62 | 6.74 | 6.79 | 6.85 | 6.80 |  |  |
| 65                 | 3.89 | 3.92 | 3.94 | 4.01 | 4.06 | 4.16 | 4.21 | 4.29 | 4.32 | 4.38 | 4.43 | 4.49 | 4.52 | 4.57 | 4.57 | 4.59 | 4.57 |  |  |
| 70                 | 2.64 | 2.66 | 2.69 | 2.75 | 2.81 | 2.90 | 2.96 | 3.03 | 3.07 | 3.12 | 3.15 | 3.22 | 3.24 | 3.27 | 3.25 | 3.26 | 3.23 |  |  |
| 75                 | 1.61 | 1.60 | 1.65 | 1.69 | 1.76 | 1.81 | 1.88 | 1.93 | 1.98 | 2.01 | 2.05 | 2.08 | 2.11 | 2.10 | 2.10 | 2.09 | 2.08 |  |  |
| 80                 | 0.71 | 0.77 | 0.82 | 0.83 | 0.90 | 0.93 | 1.02 | 1.03 | 1.09 | 1.10 | 1.15 | 1.16 | 1.19 | 1.17 | 1.17 | 1.16 | 1.17 |  |  |
| 85                 | 0.10 | 0.12 | 0.20 | 0.13 | 0.27 | 0.27 | 0.35 | 0.34 | 0.39 | 0.39 | 0.44 | 0.44 | 0.40 | 0.37 | 0.46 | 0.43 | 0.46 |  |  |
| 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 | 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 | 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 | 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 | 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 | 0.00 |  |  |
| 115                | 0.00 | 0.03 | 0.00 | 0.02 | 0.00 | 0.02 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 |  |  |
| 120                | 0.01 | 0.07 | 0.01 | 0.06 | 0.00 | 0.05 | 0.00 | 0.05 | 0.00 | 0.05 | 0.00 | 0.04 | 0.00 | 0.03 | 0.00 | 0.04 | 0.00 |  |  |
| 125                | 0.10 | 0.15 | 0.08 | 0.14 | 0.08 | 0.12 | 0.06 | 0.12 | 0.06 | 0.11 | 0.03 | 0.10 | 0.03 | 0.09 | 0.03 | 0.09 | 0.03 |  |  |
| 130                | 0.34 | 0.37 | 0.30 | 0.33 | 0.26 | 0.30 | 0.23 | 0.26 | 0.19 | 0.24 | 0.18 | 0.21 | 0.16 | 0.20 | 0.16 | 0.20 | 0.16 |  |  |
| 135                | 0.84 | 0.84 | 0.79 | 0.78 | 0.71 | 0.70 | 0.62 | 0.62 | 0.56 | 0.56 | 0.49 | 0.51 | 0.45 | 0.48 | 0.45 | 0.49 | 0.46 |  |  |
| 140                | 1.76 | 1.73 | 1.68 | 1.62 | 1.56 | 1.48 | 1.41 | 1.35 | 1.28 | 1.23 | 1.19 | 1.16 | 1.13 | 1.12 | 1.11 | 1.13 | 1.15 |  |  |
| 145                | 3.08 | 3.00 | 2.94 | 2.85 | 2.79 | 2.68 | 2.61 | 2.50 | 2.44 | 2.36 | 2.32 | 2.25 | 2.24 | 2.21 | 2.23 | 2.22 | 2.27 |  |  |
| 150                | 4.50 | 4.42 | 4.36 | 4.27 | 4.19 | 4.10 | 4.04 | 3.93 | 3.87 | 3.78 | 3.74 | 3.67 | 3.67 | 3.63 | 3.64 | 3.64 | 3.69 |  |  |
| 155                | 5.61 | 5.57 | 5.49 | 5.45 | 5.38 | 5.33 | 5.26 | 5.21 | 5.14 | 5.10 | 5.04 | 5.01 | 4.98 | 4.97 | 4.96 | 4.99 | 5.01 |  |  |
| 160                | 6.15 | 6.14 | 6.06 | 6.08 | 6.02 | 6.04 | 5.97 | 6.00 | 5.92 | 5.92 | 5.86 | 5.89 | 5.81 | 5.85 | 5.81 | 5.87 | 5.85 |  |  |
| 165                | 6.06 | 6.00 | 6.06 | 5.98 | 6.04 | 5.98 | 6.05 | 6.00 | 6.05 | 5.99 | 6.03 | 6.00 | 6.02 | 5.99 | 6.01 | 6.00 | 6.05 |  |  |
| 170                | 5.47 | 5.41 | 5.46 | 5.43 | 5.47 | 5.41 | 5.45 | 5.40 | 5.47 | 5.45 | 5.53 | 5.53 | 5.60 | 5.55 | 5.59 | 5.57 | 5.67 |  |  |
| 175                | 4.74 | 4.75 | 4.85 | 4.79 | 4.80 | 4.69 | 4.74 | 4.70 | 4.75 | 4.73 | 4.83 | 4.81 | 4.87 | 4.82 | 4.86 | 4.83 | 4.88 |  |  |
| 180                | 4.51 | 4.51 | 4.57 | 4.60 | 4.64 | 4.57 | 4.53 | 4.51 | 4.53 | 4.50 | 4.50 | 4.50 | 4.60 | 4.57 | 4.51 | 4.48 | 4.50 |  |  |

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:01 August 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.473

Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks: