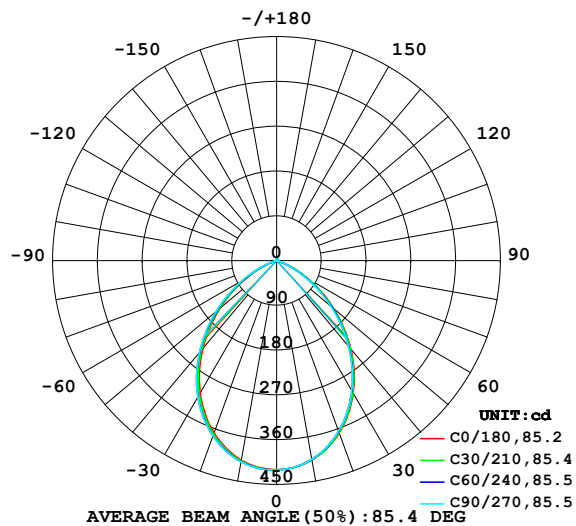


## LUMINAIRE PHOTOMETRIC TEST REPORT

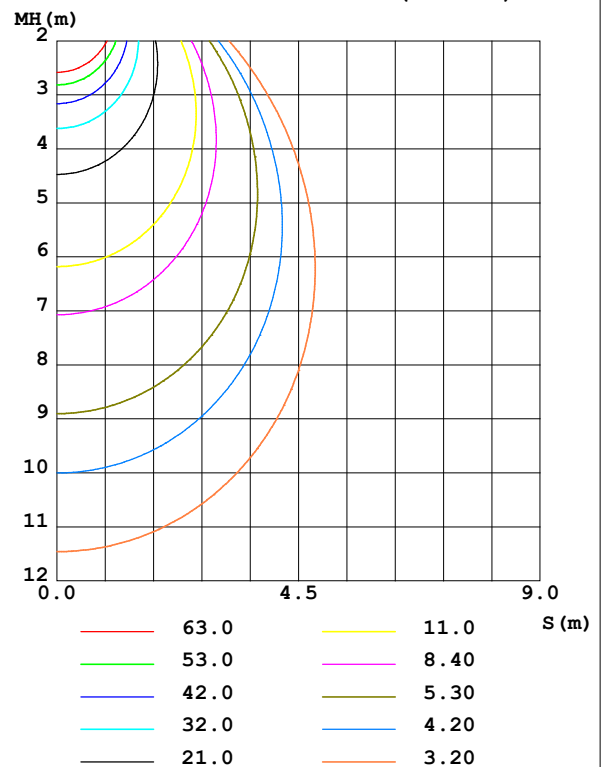
|                                                                                   |             |                  |
|-----------------------------------------------------------------------------------|-------------|------------------|
| Test:U:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz<br>Lamp Flux:768.4x1 lm |             |                  |
| NAME:                                                                             | TYPE: 6500K | WEIGHT:          |
| SPEC.:                                                                            | DIM.:       | SERIAL No.:      |
| MFR.:                                                                             | SUR.: D67   | Shielding Angle: |

| DATA OF LAMP     |       | PHOTOMETRIC DATA Eff: 76.04 lm/W |        |                   |          |
|------------------|-------|----------------------------------|--------|-------------------|----------|
| MODEL            |       | I <sub>max</sub> (cd)            | 421.8  | S/MH(C0/180)      | 1.11     |
| NOMINAL POWER(W) | 12    | LOR(%)                           | 100.0  | S/MH(C90/270)     | 1.14     |
| RATED VOLTAGE(V) | 230   | TOTAL FLUX(lm)                   | 768.40 | η UP,DN(C0-180)   | 0.4,48.2 |
| NOMINAL FLUX(lm) | 768.4 | CIE CLASS                        | DIRECT | η UP,DN(C180-360) | 0.3,51.1 |
| LAMPS INSIDE     | 1     | η up (%)                         | 0.7    | CIBSE SHR NOM     | 1.00     |
| TEST VOLTAGE(V)  | 230   | η down (%)                       | 99.3   | CIBSE SHR MAX     | 1.15     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:CAM  
Test Date:31 July 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       | 407.2                 | 406.2  | 405.8  | 406.2  | 407.4  | 409.8  | 410.9  | 410.8  | 0- 10    | 39.58       | 39.58        | 5.15,5.15  |
| 20       | 368.4                 | 366.0  | 364.5  | 364.9  | 368.4  | 373.0  | 375.1  | 374.4  | 10- 20   | 110.2       | 149.8        | 19.5,19.5  |
| 30       | 307.8                 | 304.4  | 302.1  | 301.8  | 307.7  | 314.0  | 316.7  | 315.9  | 20- 30   | 156.9       | 306.7        | 39.9,39.9  |
| 40       | 231.9                 | 227.9  | 224.7  | 223.4  | 231.0  | 238.3  | 241.9  | 241.5  | 30- 40   | 169.7       | 476.4        | 62,62      |
| 50       | 150.2                 | 145.6  | 141.6  | 140.2  | 148.1  | 155.0  | 159.3  | 158.9  | 40- 50   | 147.3       | 623.6        | 81.2,81.2  |
| 60       | 72.32                 | 67.44  | 64.08  | 62.92  | 69.54  | 75.46  | 79.01  | 78.67  | 50- 60   | 97.70       | 721.3        | 93.9,93.9  |
| 70       | 13.35                 | 10.84  | 8.898  | 9.038  | 11.56  | 15.11  | 16.60  | 16.40  | 60- 70   | 38.55       | 759.9        | 98.9,98.9  |
| 80       | 0.1017                | 0.0564 | 0.0110 | 0.0506 | 0      | 0.0956 | 0.1355 | 0.0950 | 70- 80   | 3.007       | 762.9        | 99.3,99.3  |
| 90       | 0                     | 0.0113 | 0.0227 | 0.0169 | 0      | 0      | 0      | 0      | 80- 90   | 0.0146      | 762.9        | 99.3,99.3  |
| 100      | 0.0898                | 0.1431 | 0.1799 | 0.1572 | 0.1069 | 0.0649 | 0.0335 | 0.0589 | 90-100   | 0.0467      | 763.0        | 99.3,99.3  |
| 110      | 0.3475                | 0.4069 | 0.4500 | 0.4180 | 0.3260 | 0.2808 | 0.2355 | 0.2638 | 100-110  | 0.2270      | 763.2        | 99.3,99.3  |
| 120      | 0.7069                | 0.7661 | 0.8148 | 0.7918 | 0.6570 | 0.5949 | 0.5547 | 0.5785 | 110-120  | 0.4992      | 763.7        | 99.4,99.4  |
| 130      | 1.128                 | 1.179  | 1.236  | 1.213  | 1.033  | 0.9764 | 0.9536 | 0.9518 | 120-130  | 0.7851      | 764.5        | 99.5,99.5  |
| 140      | 1.543                 | 1.597  | 1.663  | 1.642  | 1.449  | 1.373  | 1.347  | 1.356  | 130-140  | 0.9918      | 765.5        | 99.6,99.6  |
| 150      | 1.936                 | 1.985  | 2.056  | 2.032  | 1.853  | 1.788  | 1.746  | 1.769  | 140-150  | 1.061       | 766.5        | 99.8,99.8  |
| 160      | 2.268                 | 2.313  | 2.387  | 2.361  | 2.229  | 2.156  | 2.122  | 2.139  | 150-160  | 0.9561      | 767.5        | 99.9,99.9  |
| 170      | 2.521                 | 2.557  | 2.594  | 2.591  | 2.510  | 2.465  | 2.414  | 2.448  | 160-170  | 0.6736      | 768.2        | 100,100    |
| 180      | 2.616                 | 2.625  | 2.616  | 2.633  | 2.605  | 2.625  | 2.611  | 2.628  | 170-180  | 0.2448      | 768.4        | 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:31 July 2025

 $\gamma$  Range: 0 - 180DEG

 $\gamma$  Interval: 1.0DEG

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

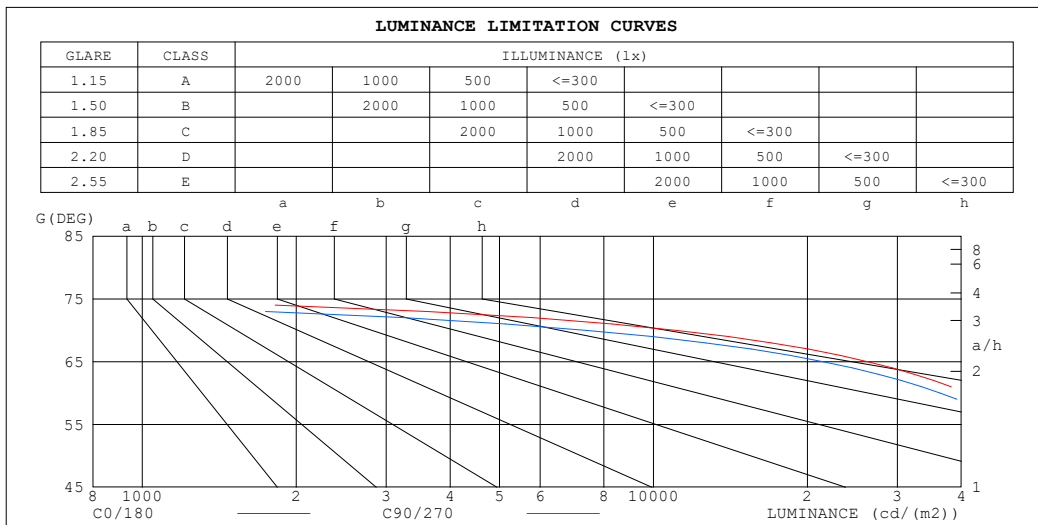
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                   |             |                  |
|-----------------------------------------------------------------------------------|-------------|------------------|
| Test:U:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz<br>Lamp Flux:768.4x1 lm |             |                  |
| NAME:                                                                             | TYPE: 6500K | WEIGHT:          |
| SPEC.:                                                                            | DIM.:       | SERIAL No.:      |
| MFR.:                                                                             | SUR.: D67   | Shielding Angle: |



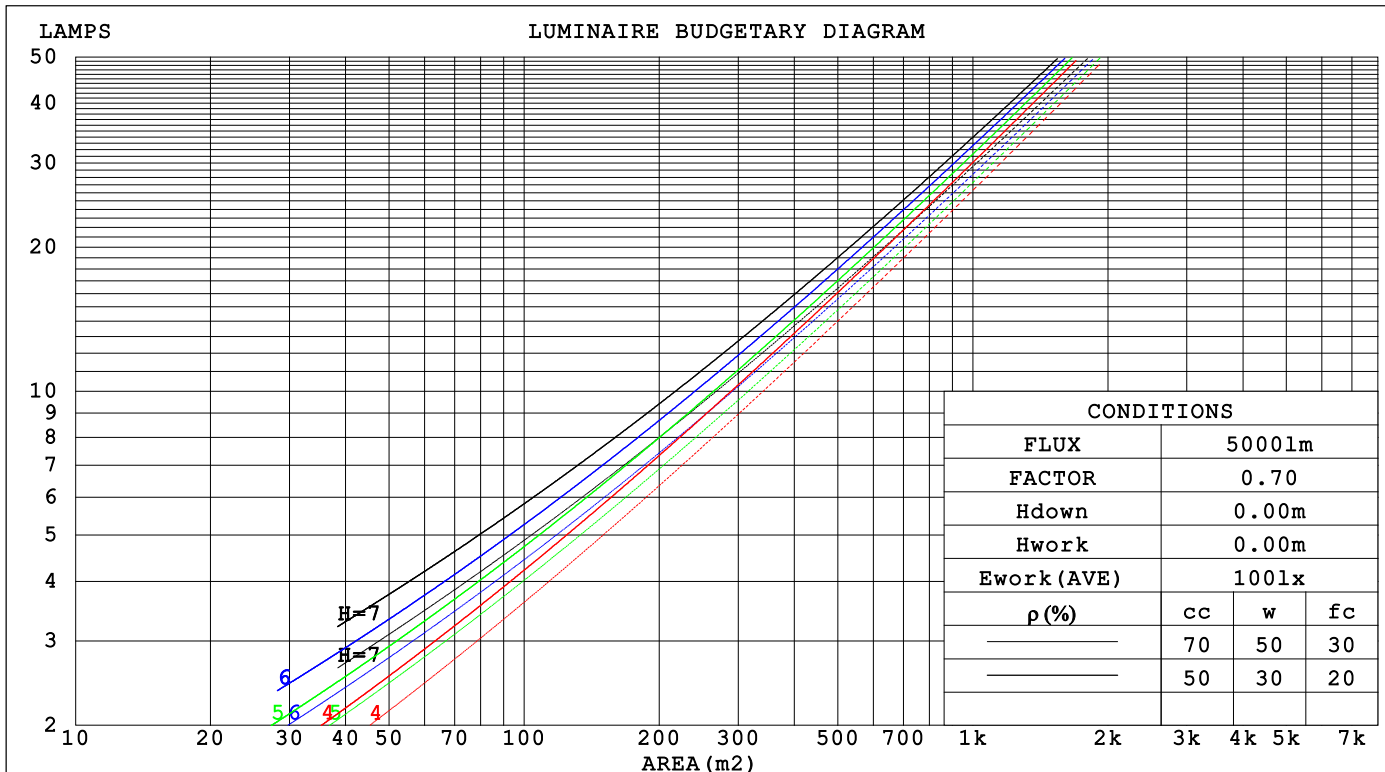
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: CAM  
Test Date: 31 July 2025

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:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz<br>Lamp Flux:768.4x1 lm |             |                  |
| NAME:                                                                             | TYPE: 6500K | WEIGHT:          |
| SPEC.:                                                                            | DIM.:       | SERIAL No.:      |
| MFR.:                                                                             | SUR.: D67   | 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  | 1.08                  | 1.05 | 1.02 | 1.06                            | 1.03 | 1.00 | 1.01 | .99  | .97  | .97  | .96  | .94  | .94  | .92  | .91  | .89 |
| 2.0  | .97                   | .92  | .87  | .95                             | .90  | .86  | .92  | .88  | .84  | .89  | .85  | .82  | .86  | .83  | .80  | .79 |
| 3.0  | .88                   | .81  | .76  | .86                             | .80  | .75  | .83  | .78  | .74  | .80  | .76  | .72  | .78  | .74  | .71  | .69 |
| 4.0  | .79                   | .72  | .66  | .78                             | .71  | .66  | .75  | .70  | .65  | .73  | .68  | .64  | .71  | .67  | .63  | .61 |
| 5.0  | .72                   | .64  | .59  | .71                             | .64  | .58  | .69  | .62  | .58  | .67  | .61  | .57  | .65  | .60  | .56  | .54 |
| 6.0  | .65                   | .58  | .52  | .65                             | .57  | .52  | .63  | .56  | .51  | .61  | .55  | .51  | .60  | .55  | .51  | .49 |
| 7.0  | .60                   | .52  | .47  | .59                             | .52  | .47  | .58  | .51  | .46  | .56  | .50  | .46  | .55  | .50  | .46  | .44 |
| 8.0  | .55                   | .48  | .42  | .55                             | .47  | .42  | .53  | .47  | .42  | .52  | .46  | .42  | .51  | .45  | .41  | .40 |
| 9.0  | .51                   | .44  | .39  | .50                             | .43  | .39  | .49  | .43  | .38  | .48  | .42  | .38  | .47  | .42  | .38  | .36 |
| 10.0 | .47                   | .40  | .35  | .47                             | .40  | .35  | .46  | .40  | .35  | .45  | .39  | .35  | .44  | .39  | .35  | .33 |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:CAM  
Test Date:31 July 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:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz<br>Lamp Flux:768.4x1 lm |  |             |  |                  |  |
| NAME:                                                                             |  | TYPE: 6500K |  | WEIGHT:          |  |
| SPEC.:                                                                            |  | DIM.:       |  | SERIAL No.:      |  |
| MFR.:                                                                             |  | SUR.: D67   |  | 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  | .229                  | .130 | .041 | .222 | .127 | .040 | .209                            | .120 | .038 | .197 | .113 | .036 | .185 | .107 | .035 |   |  |
| 2.0  | .226                  | .124 | .038 | .220 | .121 | .037 | .208                            | .116 | .036 | .197 | .111 | .035 | .188 | .106 | .033 |   |  |
| 3.0  | .216                  | .115 | .035 | .211 | .113 | .034 | .201                            | .109 | .033 | .192 | .105 | .032 | .183 | .101 | .031 |   |  |
| 4.0  | .206                  | .107 | .031 | .201 | .105 | .031 | .192                            | .102 | .030 | .184 | .099 | .030 | .176 | .096 | .029 |   |  |
| 5.0  | .195                  | .099 | .029 | .191 | .098 | .028 | .183                            | .095 | .028 | .175 | .093 | .028 | .168 | .090 | .027 |   |  |
| 6.0  | .184                  | .092 | .026 | .180 | .091 | .026 | .173                            | .089 | .026 | .167 | .087 | .025 | .161 | .085 | .025 |   |  |
| 7.0  | .174                  | .086 | .024 | .171 | .085 | .024 | .164                            | .083 | .024 | .158 | .081 | .024 | .153 | .079 | .023 |   |  |
| 8.0  | .165                  | .080 | .023 | .162 | .080 | .023 | .156                            | .078 | .022 | .151 | .076 | .022 | .146 | .075 | .022 |   |  |
| 9.0  | .156                  | .075 | .021 | .153 | .075 | .021 | .148                            | .073 | .021 | .143 | .072 | .021 | .139 | .071 | .020 |   |  |
| 10.0 | .148                  | .071 | .020 | .146 | .070 | .020 | .141                            | .069 | .019 | .137 | .068 | .019 | .133 | .067 | .019 |   |  |

| 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 | .167 | .167 | .167 | .114                                        | .114 | .114 | .066 | .066 | .066 | .021 | .021 | .021 |   |  |
| 1.0  | .180                  | .162 | .146 | .154 | .139 | .126 | .105                                        | .096 | .087 | .061 | .055 | .051 | .019 | .018 | .016 |   |  |
| 2.0  | .169                  | .138 | .112 | .145 | .119 | .096 | .099                                        | .082 | .067 | .057 | .048 | .039 | .018 | .015 | .013 |   |  |
| 3.0  | .160                  | .119 | .087 | .137 | .103 | .076 | .094                                        | .072 | .053 | .054 | .042 | .031 | .017 | .014 | .010 |   |  |
| 4.0  | .152                  | .106 | .070 | .130 | .091 | .061 | .090                                        | .064 | .043 | .052 | .037 | .025 | .017 | .012 | .008 |   |  |
| 5.0  | .144                  | .095 | .058 | .124 | .082 | .051 | .085                                        | .057 | .036 | .050 | .034 | .021 | .016 | .011 | .007 |   |  |
| 6.0  | .138                  | .086 | .049 | .118 | .075 | .043 | .082                                        | .052 | .030 | .047 | .031 | .018 | .015 | .010 | .006 |   |  |
| 7.0  | .132                  | .079 | .042 | .113 | .069 | .037 | .078                                        | .048 | .026 | .045 | .028 | .016 | .015 | .009 | .005 |   |  |
| 8.0  | .126                  | .073 | .037 | .108 | .064 | .032 | .075                                        | .045 | .023 | .044 | .026 | .014 | .014 | .009 | .005 |   |  |
| 9.0  | .121                  | .068 | .033 | .104 | .059 | .029 | .072                                        | .042 | .020 | .042 | .025 | .012 | .014 | .008 | .004 |   |  |
| 10.0 | .116                  | .064 | .030 | .100 | .056 | .026 | .069                                        | .039 | .018 | .040 | .023 | .011 | .013 | .008 | .004 |   |  |

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:31 July 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:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz<br>Lamp Flux:768.4x1 lm |     |                  |      |      |             |      |                |                  |      |      |      |
| NAME:                                                                             |     |                  |      |      | TYPE: 6500K |      |                | WEIGHT:          |      |      |      |
| SPEC.:                                                                            |     |                  |      |      | DIM.:       |      |                | SERIAL No.:      |      |      |      |
| MFR.:                                                                             |     |                  |      |      | SUR.: D67   |      |                | 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  | 26.9             | 28.1 | 27.1 | 28.3        | 28.5 | 26.6           | 27.8             | 26.8 | 28.0 | 28.2 |
|                                                                                   | 3H  | 26.9             | 28.1 | 27.2 | 28.3        | 28.6 | 26.5           | 27.7             | 26.8 | 27.9 | 28.2 |
|                                                                                   | 4H  | 26.8             | 27.9 | 27.1 | 28.2        | 28.4 | 26.4           | 27.5             | 26.7 | 27.8 | 28.0 |
|                                                                                   | 6H  | 26.7             | 27.8 | 27.1 | 28.0        | 28.3 | 26.3           | 27.4             | 26.7 | 27.6 | 27.9 |
|                                                                                   | 8H  | 26.7             | 27.7 | 27.0 | 28.0        | 28.2 | 26.3           | 27.3             | 26.6 | 27.6 | 27.8 |
|                                                                                   | 12H | 26.6             | 27.6 | 27.0 | 27.9        | 28.2 | 26.2           | 27.2             | 26.6 | 27.5 | 27.8 |
| 4H                                                                                | 2H  | 26.9             | 28.0 | 27.2 | 28.3        | 28.5 | 26.6           | 27.7             | 26.9 | 28.0 | 28.2 |
|                                                                                   | 3H  | 27.0             | 27.9 | 27.3 | 28.2        | 28.5 | 26.6           | 27.6             | 27.0 | 27.9 | 28.2 |
|                                                                                   | 4H  | 26.9             | 27.8 | 27.3 | 28.1        | 28.4 | 26.5           | 27.4             | 26.9 | 27.7 | 28.0 |
|                                                                                   | 6H  | 26.8             | 27.6 | 27.2 | 27.9        | 28.3 | 26.4           | 27.2             | 26.8 | 27.5 | 27.9 |
|                                                                                   | 8H  | 26.8             | 27.4 | 27.2 | 27.8        | 28.2 | 26.4           | 27.1             | 26.8 | 27.5 | 27.8 |
|                                                                                   | 12H | 26.7             | 27.3 | 27.1 | 27.7        | 28.1 | 26.3           | 27.0             | 26.8 | 27.4 | 27.8 |
| 8H                                                                                | 4H  | 26.8             | 27.5 | 27.2 | 27.8        | 28.2 | 26.4           | 27.1             | 26.8 | 27.5 | 27.9 |
|                                                                                   | 6H  | 26.7             | 27.2 | 27.1 | 27.6        | 28.1 | 26.3           | 26.9             | 26.8 | 27.3 | 27.7 |
|                                                                                   | 8H  | 26.6             | 27.1 | 27.1 | 27.6        | 28.0 | 26.3           | 26.8             | 26.7 | 27.2 | 27.7 |
|                                                                                   | 12H | 26.6             | 27.0 | 27.1 | 27.5        | 27.9 | 26.2           | 26.6             | 26.7 | 27.1 | 27.6 |
| 12H                                                                               | 4H  | 26.7             | 27.3 | 27.2 | 27.7        | 28.2 | 26.4           | 27.0             | 26.8 | 27.4 | 27.8 |
|                                                                                   | 6H  | 26.6             | 27.1 | 27.1 | 27.6        | 28.0 | 26.3           | 26.8             | 26.7 | 27.2 | 27.7 |
|                                                                                   | 8H  | 26.6             | 27.0 | 27.1 | 27.5        | 27.9 | 26.2           | 26.6             | 26.7 | 27.1 | 27.6 |
| Variations with the observer position at spacings(CIE Pub.117):                   |     |                  |      |      |             |      |                |                  |      |      |      |
| S = 1.0H                                                                          |     | + 0.9 / - 1.3    |      |      |             |      | + 1.0 / - 1.4  |                  |      |      |      |
| 1.5H                                                                              |     | + 0.5 / - 0.7    |      |      |             |      | + 0.4 / - 0.6  |                  |      |      |      |
| 2.0H                                                                              |     | + 1.8 / - 2.8    |      |      |             |      | + 1.8 / - 3.0  |                  |      |      |      |

CIE Pub.117, 768.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)  
Area: 0.003524 m2

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:31 July 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:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz<br>Lamp Flux:768.4x1 lm |             |                  |
| NAME:                                                                             | TYPE: 6500K | WEIGHT:          |
| SPEC.:                                                                            | DIM.:       | SERIAL No.:      |
| MFR.:                                                                             | SUR.: D67   | Shielding Angle: |

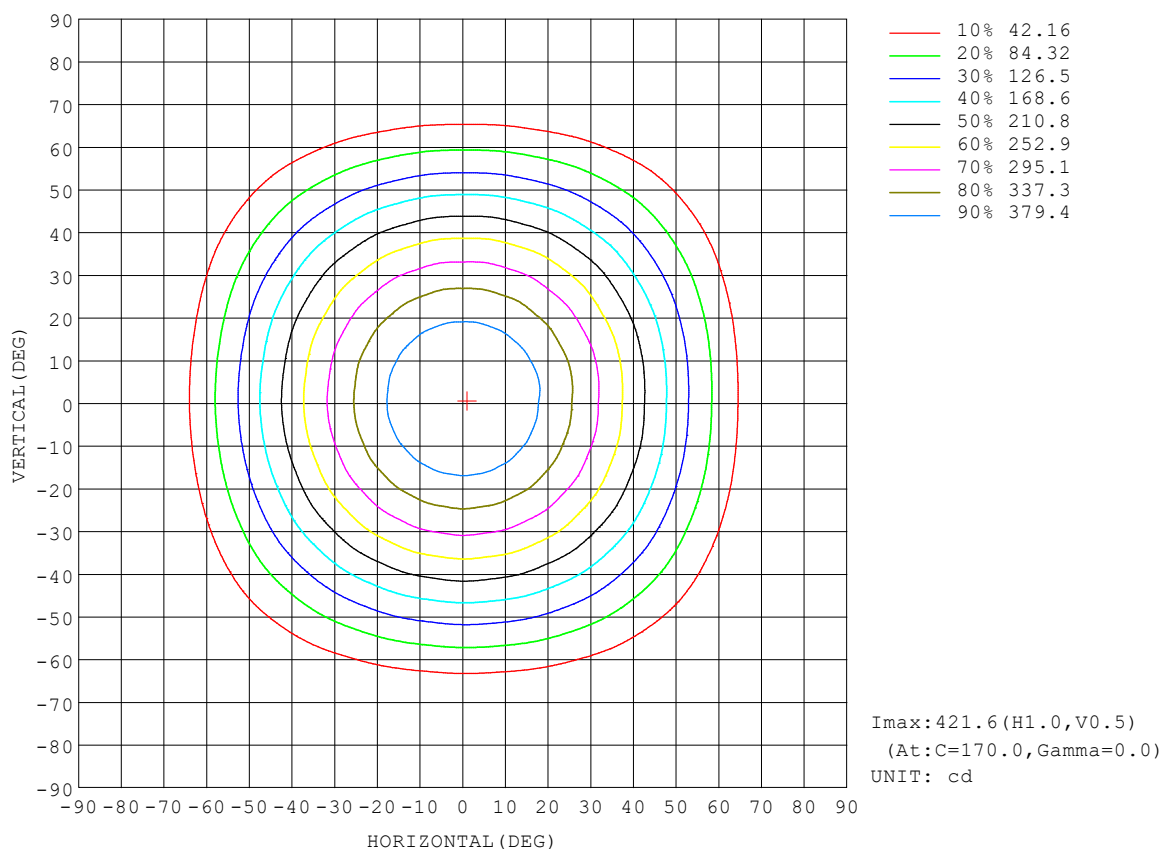
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 67                                                   | 57  | 51        | 66  | 57  | 51  | 65  | 56            | 51  | 45     |
| 0.80                             | 77                                                   | 68  | 62        | 76  | 67  | 62  | 75  | 67            | 61  | 55     |
| 1.00                             | 86                                                   | 77  | 71        | 84  | 76  | 71  | 82  | 77            | 70  | 64     |
| 1.25                             | 92                                                   | 84  | 79        | 91  | 83  | 78  | 88  | 82            | 77  | 71     |
| 1.50                             | 96                                                   | 89  | 84        | 95  | 88  | 83  | 92  | 86            | 82  | 76     |
| 2.00                             | 102                                                  | 96  | 91        | 100 | 94  | 90  | 97  | 92            | 88  | 82     |
| 2.50                             | 105                                                  | 99  | 94        | 103 | 98  | 93  | 99  | 95            | 91  | 84     |
| 3.00                             | 107                                                  | 102 | 98        | 105 | 101 | 97  | 101 | 98            | 95  | 87     |
| 4.00                             | 110                                                  | 106 | 102       | 108 | 104 | 101 | 104 | 101           | 98  | 90     |
| 5.00                             | 112                                                  | 108 | 105       | 109 | 106 | 104 | 105 | 103           | 100 | 92     |
| 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: 31 July 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:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz<br>Lamp Flux:768.4x1 lm |             |                  |
| NAME:                                                                             | TYPE: 6500K | WEIGHT:          |
| SPEC.:                                                                            | DIM.:       | SERIAL No.:      |
| MFR.:                                                                             | SUR.: D67   | Shielding Angle: |

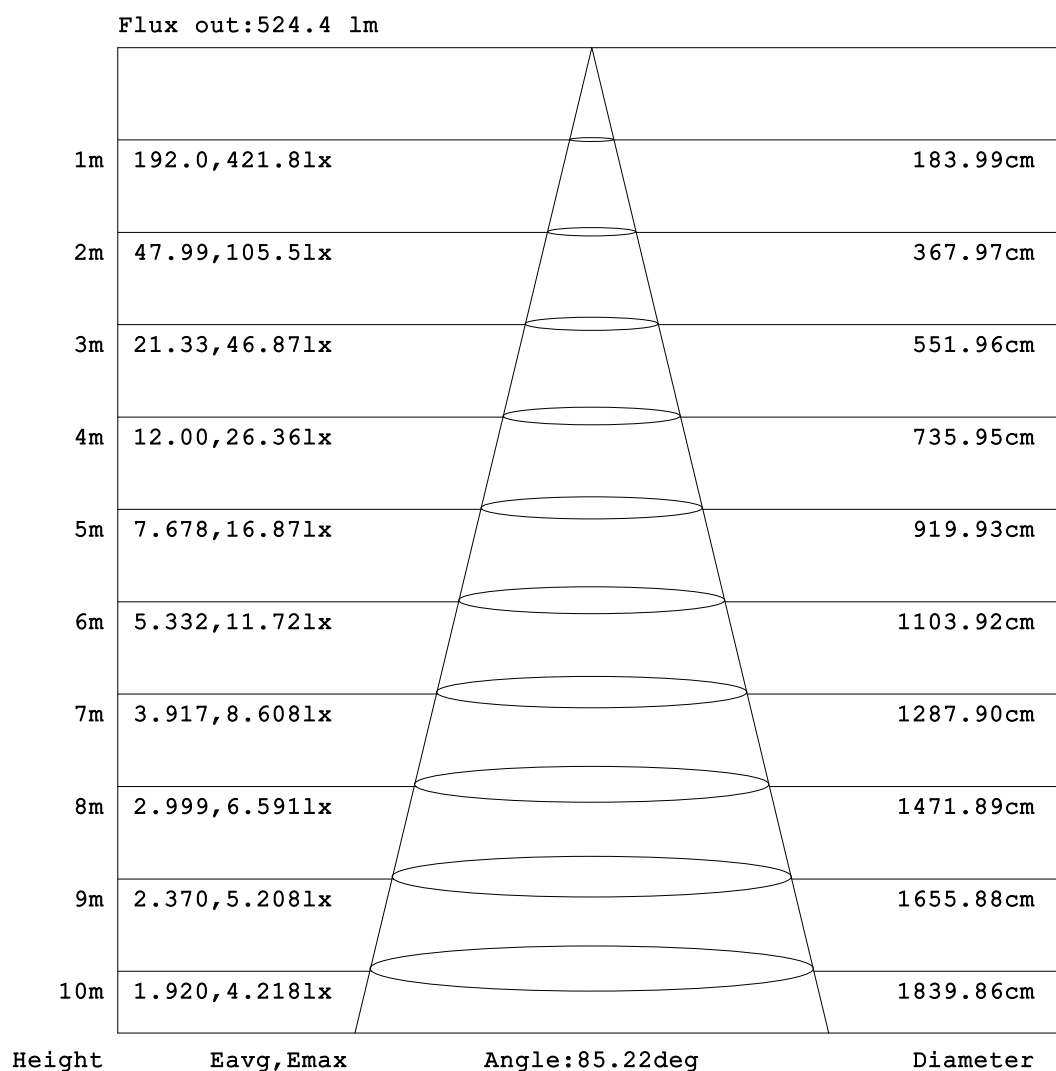


C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:CAM  
Test Date:31 July 2025

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:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz<br>Lamp Flux:768.4x1 lm |             |                  |
| NAME:                                                                             | TYPE: 6500K | WEIGHT:          |
| SPEC.:                                                                            | DIM.:       | SERIAL No.:      |
| MFR.:                                                                             | SUR.: D67   | 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:31 July 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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

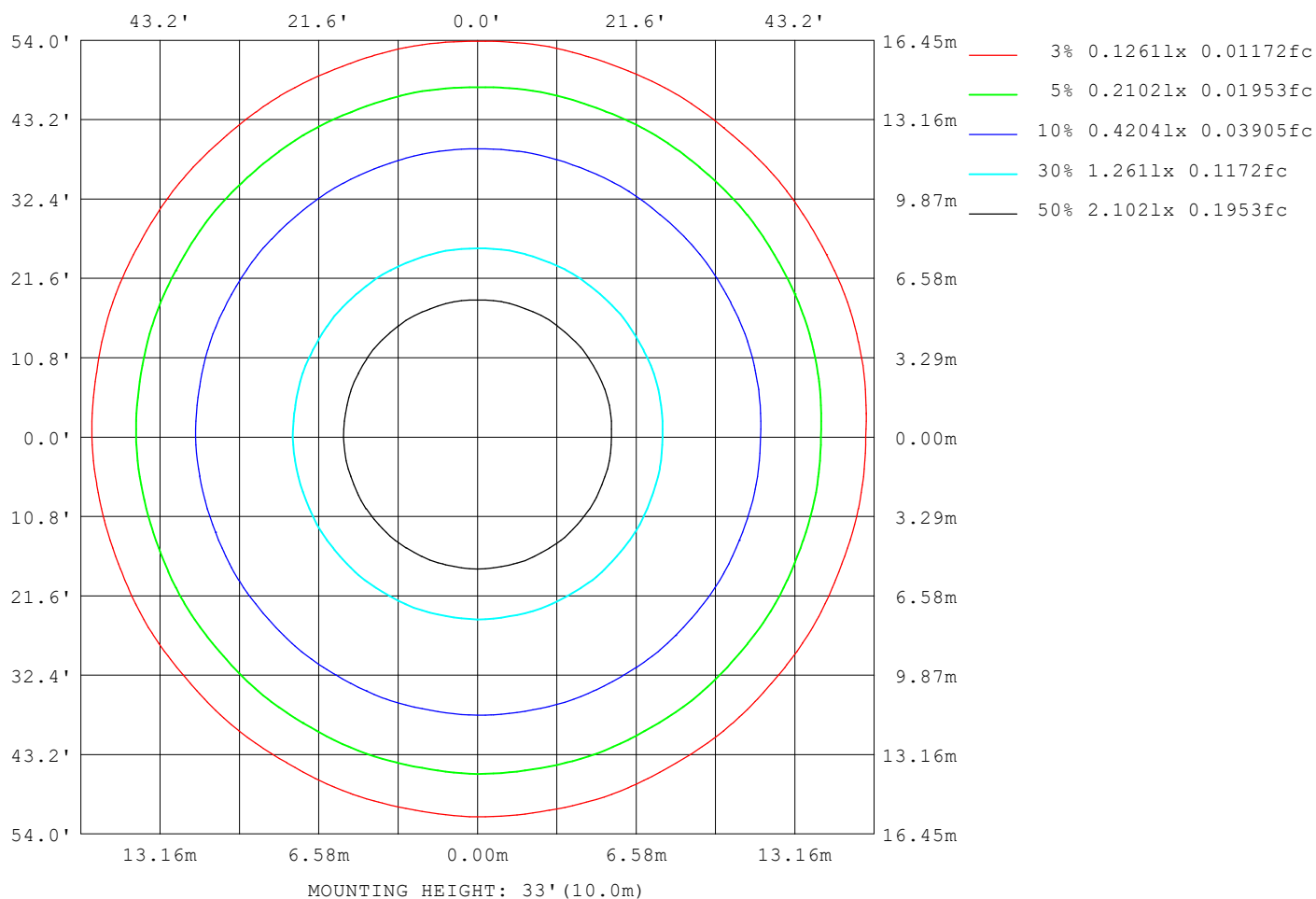
Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

### ISOLUX DIAGRAM

|                                                                                   |             |                  |
|-----------------------------------------------------------------------------------|-------------|------------------|
| Test:U:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz<br>Lamp Flux:768.4x1 lm |             |                  |
| NAME:                                                                             | TYPE: 6500K | WEIGHT:          |
| SPEC.:                                                                            | DIM.:       | SERIAL No.:      |
| MFR.:                                                                             | SUR.: D67   | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:CAM  
Test Date:31 July 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:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz<br>Lamp Flux:768.4x1 lm |             |                  |
| NAME:                                                                             | TYPE: 6500K | WEIGHT:          |
| SPEC.:                                                                            | DIM.:       | SERIAL No.:      |
| MFR.:                                                                             | SUR.: D67   | Shielding Angle: |

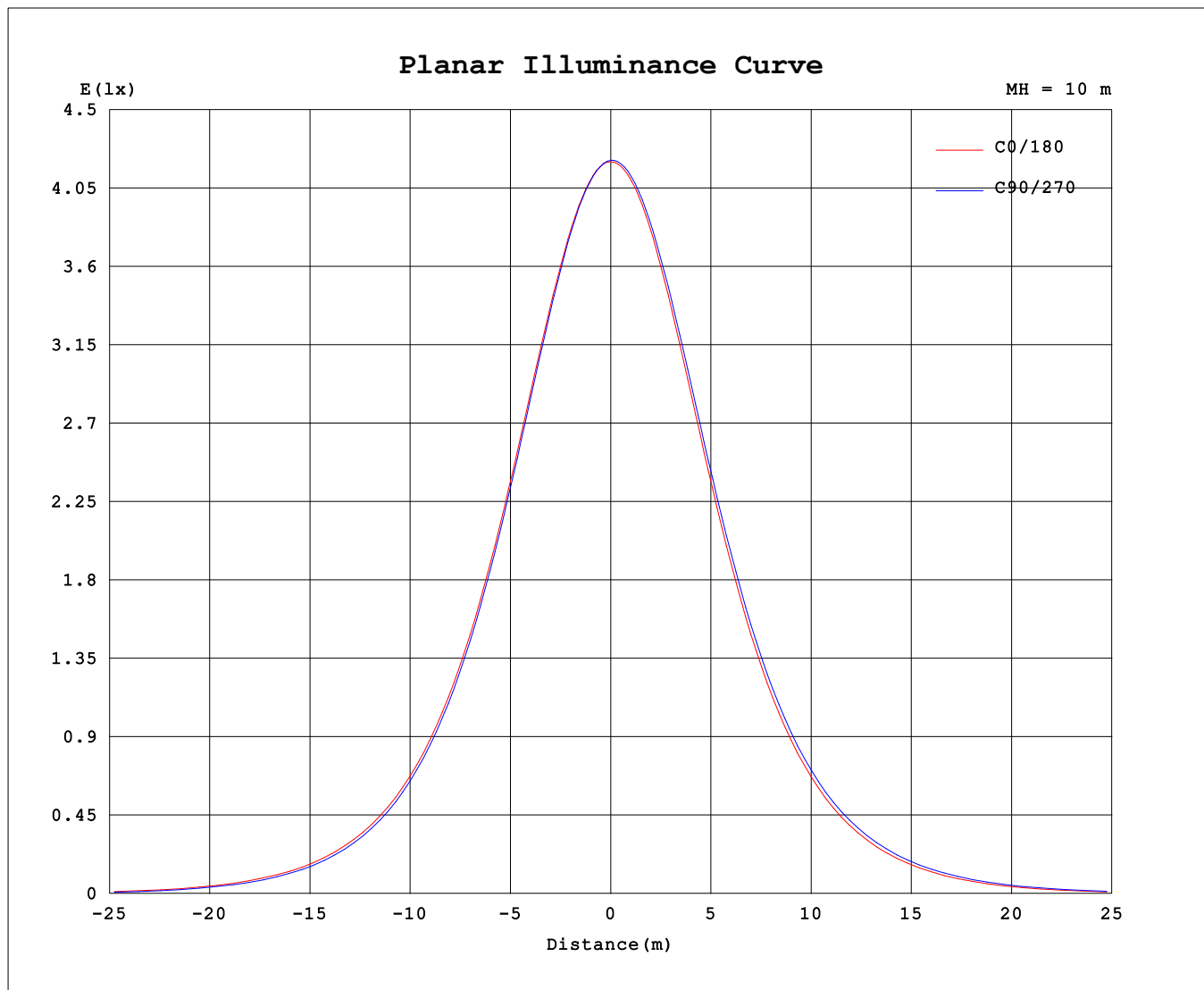
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 25276 |
| L_0~180 (75) av  | 548   |
| L_0~180 (85) av  | 9     |
| L_90~270 (65) av | 25535 |
| L_90~270 (75) av | 974   |
| L_90~270 (85) av | 9     |
| L_45 (65) av     | 25376 |
| L_45 (75) av     | 926   |
| L_45 (85) av     | 7     |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:CAM  
Test Date:31 July 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: 31 July 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:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz<br>Lamp Flux:768.4x1 lm |  |  |  |  |  |  |  |  |             |  |  |  |  |                  |  |  |  |  |
| NAME:                                                                             |  |  |  |  |  |  |  |  | TYPE: 6500K |  |  |  |  | WEIGHT:          |  |  |  |  |
| SPEC.:                                                                            |  |  |  |  |  |  |  |  | DIM.:       |  |  |  |  | SERIAL No.:      |  |  |  |  |
| MFR.:                                                                             |  |  |  |  |  |  |  |  | SUR.: D67   |  |  |  |  | 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                  | 420  | 420  | 420  | 421  | 421  | 421  | 421  | 421  | 421  | 421  | 421  | 421   | 421  | 421  | 421  | 422  | 422  | 422  | 420  |
| 5                  | 417  | 417  | 417  | 417  | 417  | 417  | 416  | 416  | 416  | 417  | 416  | 417   | 417  | 417  | 417  | 418  | 418  | 418  | 417  |
| 10                 | 407  | 407  | 407  | 407  | 406  | 406  | 406  | 406  | 405  | 406  | 405  | 406   | 406  | 406  | 406  | 407  | 407  | 408  | 407  |
| 15                 | 391  | 391  | 390  | 390  | 389  | 389  | 388  | 388  | 388  | 388  | 388  | 388   | 388  | 389  | 389  | 390  | 390  | 391  | 391  |
| 20                 | 368  | 369  | 367  | 367  | 366  | 366  | 365  | 365  | 364  | 364  | 364  | 364   | 364  | 365  | 365  | 366  | 366  | 368  | 368  |
| 25                 | 341  | 341  | 339  | 339  | 337  | 338  | 336  | 336  | 335  | 336  | 334  | 335   | 335  | 336  | 335  | 338  | 337  | 339  | 340  |
| 30                 | 308  | 308  | 306  | 306  | 304  | 305  | 302  | 303  | 301  | 302  | 300  | 302   | 300  | 302  | 301  | 304  | 303  | 306  | 308  |
| 35                 | 271  | 272  | 269  | 270  | 267  | 268  | 265  | 266  | 264  | 265  | 263  | 264   | 263  | 264  | 264  | 266  | 266  | 269  | 271  |
| 40                 | 232  | 232  | 230  | 230  | 228  | 228  | 225  | 226  | 224  | 225  | 222  | 224   | 222  | 224  | 223  | 226  | 225  | 228  | 231  |
| 45                 | 191  | 191  | 188  | 189  | 186  | 187  | 184  | 185  | 182  | 183  | 181  | 182   | 180  | 182  | 181  | 184  | 184  | 187  | 190  |
| 50                 | 150  | 150  | 148  | 148  | 146  | 146  | 144  | 144  | 142  | 142  | 140  | 140   | 139  | 140  | 140  | 142  | 142  | 145  | 148  |
| 55                 | 110  | 109  | 107  | 107  | 105  | 105  | 103  | 103  | 101  | 101  | 99.7 | 100.0 | 98.9 | 100  | 99.8 | 102  | 102  | 105  | 107  |
| 60                 | 72.3 | 71.8 | 69.7 | 69.4 | 67.5 | 67.4 | 65.7 | 65.8 | 64.1 | 64.1 | 62.6 | 62.9  | 62.0 | 63.0 | 62.8 | 64.7 | 64.8 | 67.0 | 69.5 |
| 65                 | 39.1 | 38.7 | 36.9 | 36.4 | 34.7 | 34.6 | 33.2 | 33.1 | 31.8 | 32.0 | 30.9 | 31.3  | 30.5 | 31.4 | 31.3 | 32.5 | 32.5 | 34.0 | 36.2 |
| 70                 | 13.4 | 13.3 | 12.4 | 12.2 | 11.0 | 10.7 | 9.58 | 9.44 | 8.68 | 8.90 | 8.56 | 9.07  | 8.86 | 9.22 | 8.85 | 9.35 | 9.26 | 10.1 | 11.6 |
| 75                 | 0.65 | 0.63 | 0.55 | 0.49 | 0.48 | 0.43 | 0.44 | 0.39 | 0.41 | 0.39 | 0.41 | 0.38  | 0.42 | 0.39 | 0.44 | 0.41 | 0.35 | 0.21 | 0.35 |
| 80                 | 0.10 | 0.03 | 0.09 | 0.03 | 0.09 | 0.02 | 0.08 | 0.02 | 0.08 | 0.01 | 0.08 | 0.02  | 0.08 | 0.02 | 0.08 | 0.01 | 0.03 | 0.00 | 0.00 |
| 85                 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00  | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90                 | 0.00 | 0.02 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.03 | 0.01 | 0.02 | 0.01 | 0.03  | 0.01 | 0.03 | 0.00 | 0.03 | 0.00 | 0.02 | 0.00 |
| 95                 | 0.01 | 0.08 | 0.02 | 0.07 | 0.03 | 0.08 | 0.04 | 0.10 | 0.04 | 0.09 | 0.03 | 0.09  | 0.04 | 0.09 | 0.03 | 0.08 | 0.03 | 0.08 | 0.03 |
| 100                | 0.09 | 0.14 | 0.10 | 0.16 | 0.11 | 0.17 | 0.12 | 0.18 | 0.12 | 0.18 | 0.13 | 0.19  | 0.13 | 0.19 | 0.13 | 0.18 | 0.12 | 0.17 | 0.11 |
| 105                | 0.21 | 0.27 | 0.22 | 0.28 | 0.23 | 0.29 | 0.23 | 0.30 | 0.24 | 0.30 | 0.25 | 0.30  | 0.25 | 0.30 | 0.25 | 0.30 | 0.24 | 0.29 | 0.20 |
| 110                | 0.35 | 0.41 | 0.36 | 0.42 | 0.38 | 0.44 | 0.39 | 0.44 | 0.39 | 0.45 | 0.40 | 0.46  | 0.39 | 0.44 | 0.39 | 0.45 | 0.39 | 0.43 | 0.33 |
| 115                | 0.52 | 0.58 | 0.53 | 0.60 | 0.54 | 0.61 | 0.56 | 0.62 | 0.57 | 0.62 | 0.58 | 0.62  | 0.57 | 0.62 | 0.57 | 0.62 | 0.56 | 0.61 | 0.48 |
| 120                | 0.71 | 0.77 | 0.72 | 0.79 | 0.74 | 0.79 | 0.75 | 0.81 | 0.75 | 0.81 | 0.77 | 0.82  | 0.76 | 0.82 | 0.76 | 0.80 | 0.75 | 0.80 | 0.66 |
| 125                | 0.93 | 0.97 | 0.93 | 0.98 | 0.94 | 0.99 | 0.95 | 1.01 | 0.97 | 1.02 | 0.98 | 1.03  | 0.97 | 1.03 | 0.98 | 1.02 | 0.98 | 1.02 | 0.84 |
| 130                | 1.13 | 1.18 | 1.14 | 1.20 | 1.15 | 1.21 | 1.16 | 1.22 | 1.18 | 1.24 | 1.18 | 1.24  | 1.18 | 1.24 | 1.18 | 1.24 | 1.18 | 1.23 | 1.03 |
| 135                | 1.34 | 1.38 | 1.34 | 1.40 | 1.36 | 1.41 | 1.37 | 1.44 | 1.38 | 1.44 | 1.40 | 1.44  | 1.40 | 1.45 | 1.40 | 1.44 | 1.40 | 1.44 | 1.24 |
| 140                | 1.54 | 1.61 | 1.55 | 1.61 | 1.57 | 1.62 | 1.59 | 1.63 | 1.59 | 1.66 | 1.62 | 1.67  | 1.61 | 1.67 | 1.62 | 1.66 | 1.61 | 1.67 | 1.45 |
| 145                | 1.76 | 1.81 | 1.76 | 1.81 | 1.77 | 1.84 | 1.78 | 1.84 | 1.80 | 1.86 | 1.81 | 1.87  | 1.81 | 1.87 | 1.81 | 1.87 | 1.80 | 1.86 | 1.66 |
| 150                | 1.94 | 2.00 | 1.94 | 2.00 | 1.95 | 2.02 | 1.96 | 2.03 | 1.99 | 2.06 | 2.01 | 2.07  | 2.00 | 2.06 | 2.00 | 2.06 | 2.00 | 2.06 | 1.85 |
| 155                | 2.12 | 2.17 | 2.12 | 2.18 | 2.12 | 2.19 | 2.14 | 2.22 | 2.17 | 2.24 | 2.19 | 2.24  | 2.17 | 2.23 | 2.18 | 2.24 | 2.18 | 2.23 | 2.05 |
| 160                | 2.27 | 2.33 | 2.28 | 2.34 | 2.28 | 2.35 | 2.30 | 2.37 | 2.32 | 2.39 | 2.34 | 2.39  | 2.33 | 2.39 | 2.33 | 2.39 | 2.34 | 2.39 | 2.23 |
| 165                | 2.41 | 2.46 | 2.40 | 2.47 | 2.41 | 2.48 | 2.43 | 2.49 | 2.44 | 2.50 | 2.46 | 2.52  | 2.45 | 2.52 | 2.47 | 2.54 | 2.47 | 2.54 | 2.39 |
| 170                | 2.52 | 2.57 | 2.52 | 2.57 | 2.53 | 2.59 | 2.53 | 2.59 | 2.54 | 2.59 | 2.53 | 2.59  | 2.55 | 2.61 | 2.57 | 2.63 | 2.58 | 2.63 | 2.51 |
| 175                | 2.58 | 2.62 | 2.59 | 2.62 | 2.59 | 2.63 | 2.60 | 2.62 | 2.59 | 2.62 | 2.59 | 2.62  | 2.61 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.61 |
| 180                | 2.62 | 2.62 | 2.61 | 2.62 | 2.62 | 2.63 | 2.62 | 2.62 | 2.61 | 2.62 | 2.62 | 2.62  | 2.62 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.61 |

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:31 July 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:230.19V I:0.0850A P:10.106W PF:0.5162 Freq:60.00Hz<br>Lamp Flux:768.4x1 lm |  |  |  |  |  |  |  |  |             |  |  |  |  |  |                  |  |  |
| NAME:                                                                             |  |  |  |  |  |  |  |  | TYPE: 6500K |  |  |  |  |  | WEIGHT:          |  |  |
| SPEC.:                                                                            |  |  |  |  |  |  |  |  | DIM.:       |  |  |  |  |  | SERIAL No.:      |  |  |
| MFR.:                                                                             |  |  |  |  |  |  |  |  | SUR.: D67   |  |  |  |  |  | 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                  | 420  | 420  | 421  | 421  | 421  | 421  | 421  | 421  | 421  | 421  | 421  | 421  | 421  | 421  | 422  | 422  | 422  |  |  |
| 5                  | 417  | 418  | 418  | 418  | 419  | 419  | 419  | 419  | 419  | 419  | 419  | 419  | 419  | 419  | 419  | 419  | 419  |  |  |
| 10                 | 408  | 409  | 409  | 410  | 410  | 411  | 410  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 410  | 410  | 410  |  |  |
| 15                 | 391  | 393  | 393  | 394  | 395  | 396  | 396  | 396  | 396  | 397  | 396  | 396  | 396  | 396  | 395  | 395  | 394  |  |  |
| 20                 | 369  | 371  | 371  | 373  | 373  | 375  | 374  | 376  | 375  | 376  | 375  | 375  | 374  | 374  | 373  | 373  | 372  |  |  |
| 25                 | 341  | 344  | 344  | 346  | 346  | 348  | 347  | 349  | 348  | 350  | 348  | 349  | 347  | 348  | 346  | 346  | 344  |  |  |
| 30                 | 308  | 311  | 311  | 314  | 314  | 316  | 316  | 318  | 317  | 318  | 317  | 318  | 316  | 316  | 314  | 314  | 312  |  |  |
| 35                 | 271  | 274  | 275  | 278  | 278  | 280  | 280  | 282  | 281  | 283  | 281  | 282  | 280  | 281  | 278  | 278  | 275  |  |  |
| 40                 | 231  | 235  | 235  | 238  | 238  | 241  | 240  | 243  | 242  | 244  | 242  | 243  | 241  | 242  | 239  | 239  | 236  |  |  |
| 45                 | 190  | 193  | 194  | 197  | 197  | 200  | 199  | 202  | 201  | 203  | 201  | 202  | 200  | 201  | 198  | 198  | 195  |  |  |
| 50                 | 149  | 152  | 152  | 155  | 155  | 158  | 158  | 160  | 159  | 161  | 160  | 160  | 159  | 159  | 157  | 157  | 154  |  |  |
| 55                 | 108  | 111  | 111  | 114  | 114  | 116  | 117  | 118  | 118  | 119  | 118  | 119  | 118  | 118  | 116  | 116  | 114  |  |  |
| 60                 | 70.2 | 72.4 | 73.1 | 75.3 | 75.7 | 77.6 | 77.8 | 79.5 | 79.0 | 80.0 | 79.0 | 79.7 | 78.5 | 78.9 | 77.3 | 77.4 | 75.6 |  |  |
| 65                 | 36.7 | 38.7 | 39.3 | 41.2 | 41.6 | 43.2 | 43.2 | 44.4 | 44.1 | 44.9 | 44.1 | 44.6 | 43.6 | 44.0 | 42.8 | 42.9 | 41.5 |  |  |
| 70                 | 11.9 | 13.2 | 13.7 | 15.0 | 15.2 | 16.3 | 16.2 | 17.0 | 16.6 | 17.3 | 16.8 | 17.1 | 16.3 | 16.5 | 15.7 | 15.8 | 14.9 |  |  |
| 75                 | 0.54 | 0.73 | 0.78 | 1.06 | 1.08 | 1.35 | 1.26 | 1.55 | 1.39 | 1.63 | 1.43 | 1.62 | 1.38 | 1.51 | 1.21 | 1.18 | 0.92 |  |  |
| 80                 | 0.09 | 0.05 | 0.12 | 0.07 | 0.12 | 0.07 | 0.13 | 0.07 | 0.14 | 0.07 | 0.13 | 0.08 | 0.12 | 0.07 | 0.12 | 0.06 | 0.11 |  |  |
| 85                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |  |  |
| 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 | 0.03 | 0.00 | 0.04 | 0.00 | 0.03 | 0.00 | 0.03 | 0.00 | 0.03 | 0.00 | 0.02 | 0.00 | 0.02 | 0.00 | 0.03 | 0.00 |  |  |
| 100                | 0.05 | 0.11 | 0.04 | 0.09 | 0.04 | 0.10 | 0.03 | 0.09 | 0.03 | 0.08 | 0.03 | 0.08 | 0.03 | 0.08 | 0.03 | 0.10 | 0.03 |  |  |
| 105                | 0.15 | 0.20 | 0.14 | 0.19 | 0.13 | 0.18 | 0.13 | 0.18 | 0.13 | 0.19 | 0.13 | 0.17 | 0.12 | 0.18 | 0.12 | 0.19 | 0.13 |  |  |
| 110                | 0.26 | 0.31 | 0.25 | 0.31 | 0.25 | 0.30 | 0.24 | 0.29 | 0.24 | 0.30 | 0.24 | 0.29 | 0.23 | 0.29 | 0.25 | 0.31 | 0.26 |  |  |
| 115                | 0.42 | 0.46 | 0.40 | 0.45 | 0.39 | 0.44 | 0.38 | 0.44 | 0.38 | 0.43 | 0.38 | 0.43 | 0.38 | 0.44 | 0.38 | 0.45 | 0.40 |  |  |
| 120                | 0.59 | 0.64 | 0.58 | 0.62 | 0.57 | 0.61 | 0.56 | 0.61 | 0.55 | 0.60 | 0.54 | 0.60 | 0.55 | 0.61 | 0.56 | 0.62 | 0.57 |  |  |
| 125                | 0.77 | 0.82 | 0.76 | 0.80 | 0.75 | 0.79 | 0.73 | 0.80 | 0.77 | 0.78 | 0.73 | 0.78 | 0.72 | 0.79 | 0.74 | 0.80 | 0.75 |  |  |
| 130                | 0.98 | 1.02 | 0.95 | 1.01 | 0.95 | 0.98 | 0.93 | 1.00 | 0.95 | 0.97 | 0.91 | 0.97 | 0.93 | 0.98 | 0.93 | 1.00 | 0.96 |  |  |
| 135                | 1.17 | 1.21 | 1.16 | 1.19 | 1.14 | 1.18 | 1.13 | 1.19 | 1.14 | 1.18 | 1.12 | 1.17 | 1.12 | 1.19 | 1.13 | 1.20 | 1.16 |  |  |
| 140                | 1.38 | 1.43 | 1.36 | 1.40 | 1.34 | 1.39 | 1.34 | 1.39 | 1.35 | 1.39 | 1.32 | 1.37 | 1.32 | 1.39 | 1.34 | 1.40 | 1.36 |  |  |
| 145                | 1.59 | 1.62 | 1.57 | 1.61 | 1.55 | 1.59 | 1.54 | 1.59 | 1.53 | 1.58 | 1.53 | 1.58 | 1.53 | 1.59 | 1.54 | 1.61 | 1.57 |  |  |
| 150                | 1.79 | 1.83 | 1.77 | 1.82 | 1.76 | 1.80 | 1.75 | 1.81 | 1.75 | 1.80 | 1.73 | 1.80 | 1.74 | 1.80 | 1.76 | 1.81 | 1.76 |  |  |
| 155                | 1.98 | 2.02 | 1.96 | 2.01 | 1.94 | 2.00 | 1.94 | 1.99 | 1.94 | 1.98 | 1.93 | 1.98 | 1.93 | 1.99 | 1.93 | 2.00 | 1.96 |  |  |
| 160                | 2.16 | 2.21 | 2.14 | 2.18 | 2.13 | 2.18 | 2.13 | 2.18 | 2.12 | 2.17 | 2.12 | 2.17 | 2.11 | 2.17 | 2.12 | 2.19 | 2.14 |  |  |
| 165                | 2.32 | 2.37 | 2.31 | 2.36 | 2.29 | 2.35 | 2.28 | 2.34 | 2.29 | 2.34 | 2.28 | 2.34 | 2.28 | 2.33 | 2.28 | 2.36 | 2.31 |  |  |
| 170                | 2.45 | 2.50 | 2.45 | 2.50 | 2.43 | 2.47 | 2.41 | 2.47 | 2.41 | 2.47 | 2.42 | 2.48 | 2.42 | 2.48 | 2.43 | 2.49 | 2.44 |  |  |
| 175                | 2.55 | 2.61 | 2.55 | 2.61 | 2.54 | 2.59 | 2.53 | 2.58 | 2.53 | 2.59 | 2.53 | 2.59 | 2.54 | 2.60 | 2.54 | 2.59 | 2.55 |  |  |
| 180                | 2.61 | 2.61 | 2.62 | 2.63 | 2.62 | 2.62 | 2.61 | 2.61 | 2.61 | 2.61 | 2.61 | 2.63 | 2.63 | 2.63 | 2.62 | 2.62 | 2.62 |  |  |

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:31 July 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: