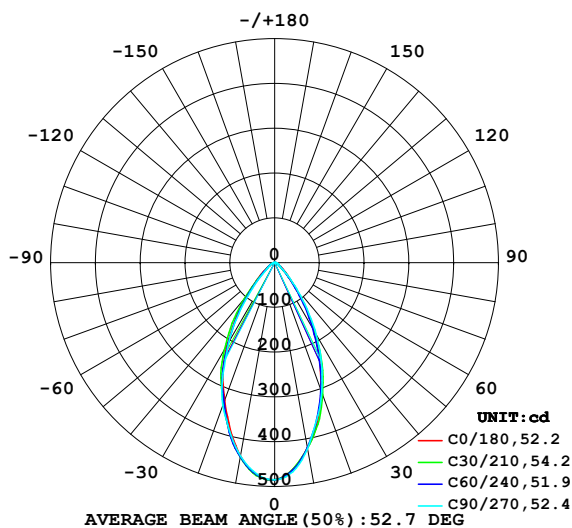


## LUMINAIRE PHOTOMETRIC TEST REPORT

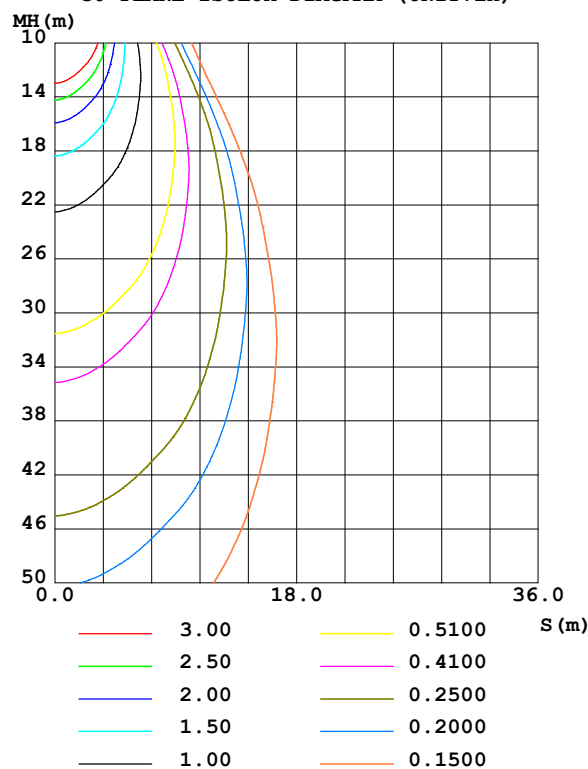
|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.40V I:0.0396A P:4.9277W PF:0.5403 Freq:50.00Hz<br>Lamp Flux:416.20lx1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.: 3000K                                                                        | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 84.46 lm/W |        |                        |          |
|------------------|---------|----------------------------------|--------|------------------------|----------|
| MODEL            | 20003   | Imax (cd)                        | 485.3  | S/MH(C0/180)           | 0.81     |
| NOMINAL POWER(W) | 5       | LOR(%)                           | 100.0  | S/MH(C90/270)          | 0.83     |
| RATED VOLTAGE(V) | 230     | TOTAL FLUX(lm)                   | 416.20 | $\eta$ UP,DN(C0-180)   | 0.0,48.5 |
| NOMINAL FLUX(lm) | 416.201 | CIE CLASS                        | DIRECT | $\eta$ UP,DN(C180-360) | 0.0,51.5 |
| LAMPS INSIDE     | 1       | $\eta$ up (%)                    | 0.0    | CIBSE SHR NOM          | 0.75     |
| TEST VOLTAGE(V)  | 220     | $\eta$ down (%)                  | 100.0  | CIBSE SHR MAX          | 0.85     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2025-12-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks: M-1051

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C45    | C90   | C135  | C180  | C225  | C270  | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|--------|-------|-------|-------|-------|-------|--------|----------|-------------|--------------|------------|
| 10       | 420.6                 | 421.4  | 422.9 | 430.5 | 439.4 | 440.1 | 439.1 | 422.8  | 0- 10    | 43.54       | 43.54        | 10.5,10.5  |
| 20       | 303.3                 | 313.8  | 307.5 | 314.5 | 326.9 | 334.0 | 338.7 | 318.6  | 10- 20   | 104.9       | 148.5        | 35.7,35.7  |
| 30       | 174.8                 | 179.6  | 187.1 | 196.5 | 212.0 | 224.2 | 205.0 | 180.6  | 20- 30   | 117.9       | 266.4        | 64,64      |
| 40       | 69.68                 | 68.08  | 76.68 | 89.36 | 97.87 | 95.15 | 85.04 | 70.16  | 30- 40   | 83.95       | 350.3        | 84.2,84.2  |
| 50       | 28.03                 | 21.07  | 23.14 | 28.89 | 37.03 | 28.26 | 24.85 | 24.56  | 40- 50   | 37.85       | 388.1        | 93.3,93.3  |
| 60       | 12.92                 | 10.00  | 10.64 | 12.72 | 13.97 | 12.61 | 12.13 | 11.55  | 50- 60   | 15.78       | 403.9        | 97.1,97.1  |
| 70       | 5.943                 | 4.494  | 4.806 | 5.820 | 7.342 | 6.242 | 5.553 | 5.360  | 60- 70   | 8.456       | 412.4        | 99.1,99.1  |
| 80       | 0.4927                | 0.5916 | 1.101 | 1.673 | 2.207 | 1.945 | 1.332 | 0.7610 | 70- 80   | 3.476       | 415.9        | 99.9,99.9  |
| 90       | 0                     | 0      | 0     | 0     | 0     | 0     | 0     | 0      | 80- 90   | 0.3394      | 416.2        | 100,100    |
| 100      |                       |        |       |       |       |       |       |        | 90-100   |             |              |            |
| 110      |                       |        |       |       |       |       |       |        | 100-110  |             |              |            |
| 120      |                       |        |       |       |       |       |       |        | 110-120  |             |              |            |
| 130      |                       |        |       |       |       |       |       |        | 120-130  |             |              |            |
| 140      |                       |        |       |       |       |       |       |        | 130-140  |             |              |            |
| 150      |                       |        |       |       |       |       |       |        | 140-150  |             |              |            |
| 160      |                       |        |       |       |       |       |       |        | 150-160  |             |              |            |
| 170      |                       |        |       |       |       |       |       |        | 160-170  |             |              |            |
| 180      |                       |        |       |       |       |       |       |        | 170-180  |             |              |            |
| DEG      | LUMINOUS INTENSITY:cd |        |       |       |       |       |       |        |          | UNIT:lm     |              |            |

Conical surface Flux(90deg): 373.6 lm

%lum = 89.8%

%lamp = 89.8%

Conical surface Flux(130deg): 408.85 lm

%lum = 98.2%

%lamp = 98.2%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2025-12-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks: M-1051

## LUMINANCE LIMITATION CURVES

Test:U:230.40V I:0.0396A P:4.9277W PF:0.5403 Freq:50.00Hz

Lamp Flux:416.20lx1 lm

NAME:

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

SERIAL No.:

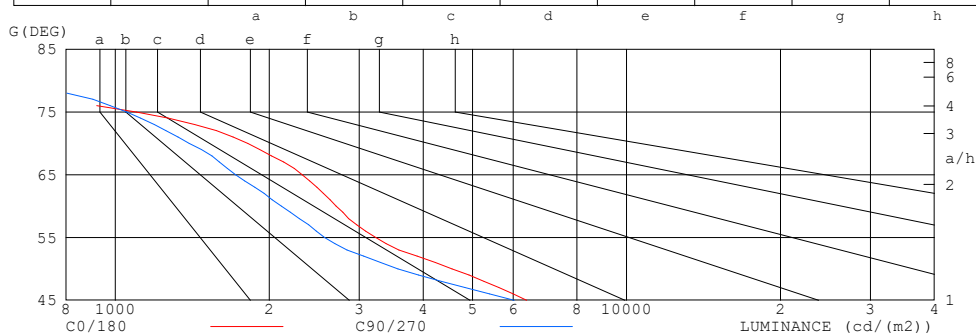
MFR.: EVERFINE

SUR.:

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                | 0      | 15      |
| 80                | 297    | 629     |
| 75                | 1099   | 1053    |
| 70                | 1817   | 1394    |
| 65                | 2321   | 1718    |
| 60                | 2703   | 2111    |
| 55                | 3232   | 2568    |
| 50                | 4559   | 3572    |
| 45                | 6376   | 6027    |

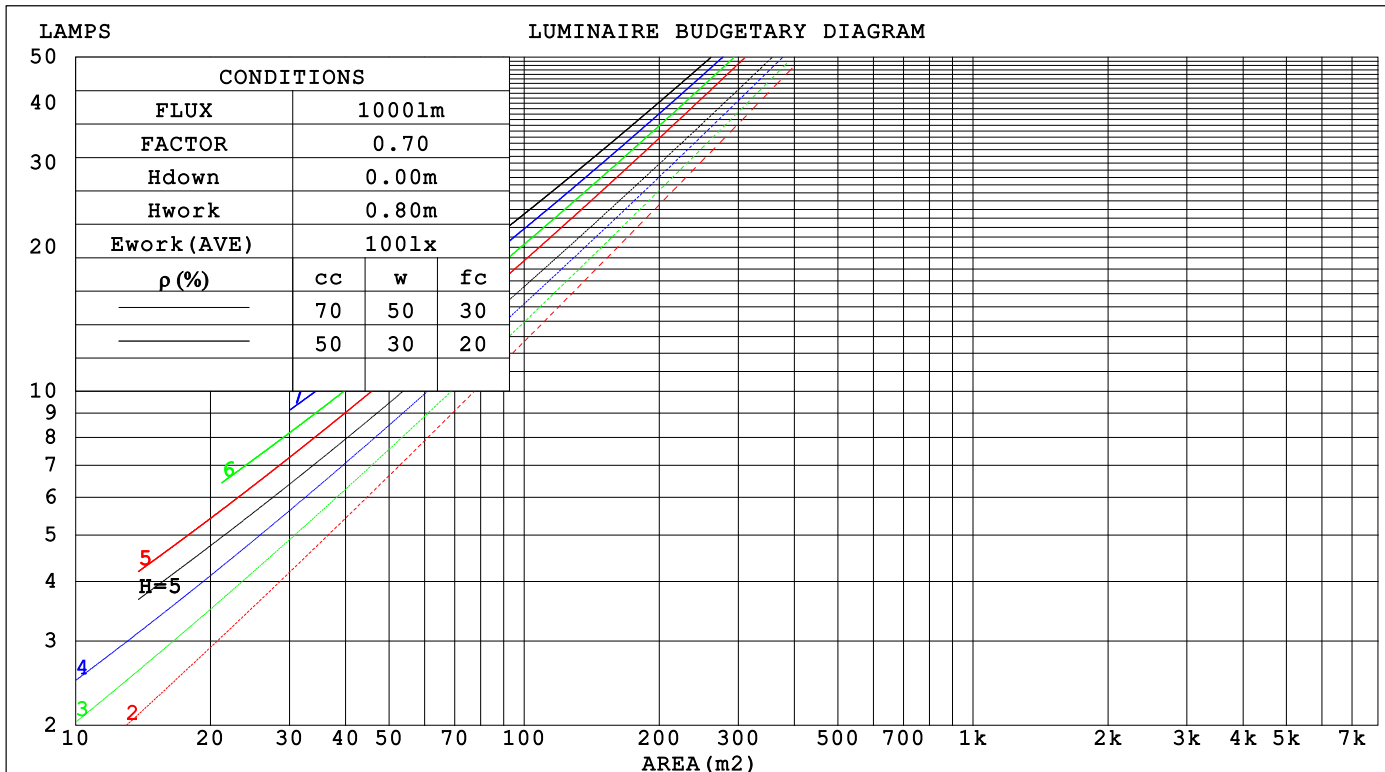
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2025-12-16

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks: M-1051

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.40V I:0.0396A P:4.9277W PF:0.5403 Freq:50.00Hz<br>Lamp Flux:416.20lx1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.: 3000K                                                                        | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | 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 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2025-12-16

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks: M-1051

### WEC AND CCEC

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.40V I:0.0396A P:4.9277W PF:0.5403 Freq:50.00Hz<br>Lamp Flux:416.20lx1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.: 3000K                                                                        | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | 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  | .194                  | .110 | .035 | .187 | .107 | .034 | .174                            | .100 | .032 | .163 | .094 | .030 | .152 | .088 | .028 |   |  |
| 2.0  | .186                  | .102 | .031 | .181 | .100 | .031 | .170                            | .095 | .029 | .160 | .090 | .028 | .151 | .085 | .027 |   |  |
| 3.0  | .177                  | .094 | .028 | .172 | .092 | .028 | .163                            | .088 | .027 | .155 | .085 | .026 | .147 | .081 | .025 |   |  |
| 4.0  | .168                  | .087 | .026 | .164 | .086 | .025 | .156                            | .083 | .025 | .149 | .080 | .024 | .142 | .077 | .023 |   |  |
| 5.0  | .160                  | .081 | .024 | .156 | .080 | .023 | .149                            | .078 | .023 | .142 | .075 | .022 | .136 | .073 | .022 |   |  |
| 6.0  | .152                  | .076 | .022 | .148 | .075 | .022 | .142                            | .073 | .021 | .136 | .071 | .021 | .131 | .069 | .020 |   |  |
| 7.0  | .144                  | .071 | .020 | .141 | .070 | .020 | .136                            | .069 | .020 | .131 | .067 | .020 | .126 | .065 | .019 |   |  |
| 8.0  | .137                  | .067 | .019 | .135 | .066 | .019 | .130                            | .065 | .019 | .125 | .064 | .018 | .121 | .062 | .018 |   |  |
| 9.0  | .131                  | .063 | .018 | .129 | .063 | .018 | .124                            | .062 | .017 | .120 | .060 | .017 | .116 | .059 | .017 |   |  |
| 10.0 | .125                  | .060 | .017 | .123 | .060 | .017 | .119                            | .058 | .016 | .116 | .057 | .016 | .112 | .056 | .016 |   |  |

| 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  | .190                  | .190 | .190 | .163 | .163 | .163 | .111                                        | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |  |
| 1.0  | .172                  | .157 | .144 | .147 | .135 | .124 | .101                                        | .093 | .085 | .058 | .054 | .050 | .019 | .017 | .016 |   |  |
| 2.0  | .158                  | .132 | .111 | .135 | .114 | .096 | .093                                        | .079 | .067 | .054 | .046 | .039 | .017 | .015 | .013 |   |  |
| 3.0  | .147                  | .114 | .087 | .126 | .098 | .076 | .086                                        | .068 | .053 | .050 | .040 | .031 | .016 | .013 | .010 |   |  |
| 4.0  | .137                  | .099 | .070 | .117 | .086 | .061 | .081                                        | .060 | .043 | .047 | .035 | .025 | .015 | .011 | .008 |   |  |
| 5.0  | .129                  | .088 | .058 | .110 | .076 | .050 | .076                                        | .053 | .035 | .044 | .031 | .021 | .014 | .010 | .007 |   |  |
| 6.0  | .121                  | .079 | .048 | .104 | .068 | .042 | .072                                        | .048 | .030 | .042 | .028 | .018 | .013 | .009 | .006 |   |  |
| 7.0  | .115                  | .071 | .041 | .099 | .062 | .035 | .068                                        | .043 | .025 | .040 | .025 | .015 | .013 | .008 | .005 |   |  |
| 8.0  | .109                  | .065 | .035 | .094 | .056 | .030 | .065                                        | .040 | .022 | .038 | .023 | .013 | .012 | .008 | .004 |   |  |
| 9.0  | .104                  | .060 | .030 | .089 | .052 | .026 | .062                                        | .037 | .019 | .036 | .022 | .011 | .012 | .007 | .004 |   |  |
| 10.0 | .099                  | .056 | .027 | .085 | .048 | .023 | .059                                        | .034 | .016 | .035 | .020 | .010 | .011 | .007 | .003 |   |  |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2025-12-16

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks: M-1051

### UGR(Unified Glare Rating) Table

|                                                                                     |                  |      |       |      |      |                  |      |      |      |      |
|-------------------------------------------------------------------------------------|------------------|------|-------|------|------|------------------|------|------|------|------|
| Test:U:230.40V I:0.0396A P:4.9277W PF:0.5403 Freq:50.00Hz<br>Lamp Flux:416.20lx1 lm |                  |      |       |      |      |                  |      |      |      |      |
| NAME:                                                                               |                  |      | TYPE: |      |      | WEIGHT:          |      |      |      |      |
| SPEC.: 3000K                                                                        |                  |      | DIM.: |      |      | SERIAL No.:      |      |      |      |      |
| MFR.: EVERFINE                                                                      |                  |      | SUR.: |      |      | Shielding Angle: |      |      |      |      |
| ceiling/cavity                                                                      | 0.7              | 0.7  | 0.5   | 0.5  | 0.3  | 0.7              | 0.7  | 0.5  | 0.5  | 0.3  |
| walls                                                                               | 0.5              | 0.3  | 0.5   | 0.3  | 0.3  | 0.5              | 0.3  | 0.5  | 0.3  | 0.3  |
| working plane                                                                       | 0.2              | 0.2  | 0.2   | 0.2  | 0.2  | 0.2              | 0.2  | 0.2  | 0.2  | 0.2  |
| Room dimensions                                                                     | Viewed crosswise |      |       |      |      | Viewed endwise   |      |      |      |      |
| x = 2H y = 2H                                                                       | 17.6             | 18.7 | 17.9  | 18.8 | 19.0 | 17.2             | 18.2 | 17.4 | 18.4 | 18.6 |
| 3H                                                                                  | 17.9             | 18.8 | 18.2  | 19.0 | 19.3 | 17.4             | 18.3 | 17.6 | 18.5 | 18.7 |
| 4H                                                                                  | 17.9             | 18.8 | 18.2  | 19.0 | 19.3 | 17.4             | 18.3 | 17.7 | 18.5 | 18.8 |
| 6H                                                                                  | 17.8             | 18.7 | 18.2  | 18.9 | 19.2 | 17.4             | 18.2 | 17.7 | 18.5 | 18.7 |
| 8H                                                                                  | 17.8             | 18.6 | 18.1  | 18.9 | 19.1 | 17.3             | 18.1 | 17.6 | 18.4 | 18.7 |
| 12H                                                                                 | 17.8             | 18.5 | 18.1  | 18.8 | 19.1 | 17.3             | 18.1 | 17.6 | 18.3 | 18.6 |
| 4H 2H                                                                               | 17.5             | 18.4 | 17.8  | 18.7 | 18.9 | 17.2             | 18.1 | 17.4 | 18.3 | 18.5 |
| 3H                                                                                  | 17.9             | 18.7 | 18.2  | 18.9 | 19.2 | 17.4             | 18.2 | 17.8 | 18.5 | 18.8 |
| 4H                                                                                  | 17.9             | 18.6 | 18.3  | 18.9 | 19.3 | 17.5             | 18.2 | 17.9 | 18.5 | 18.8 |
| 6H                                                                                  | 17.9             | 18.5 | 18.3  | 18.8 | 19.2 | 17.5             | 18.1 | 17.9 | 18.4 | 18.8 |
| 8H                                                                                  | 17.8             | 18.4 | 18.2  | 18.8 | 19.1 | 17.5             | 18.0 | 17.8 | 18.4 | 18.7 |
| 12H                                                                                 | 17.8             | 18.3 | 18.2  | 18.7 | 19.1 | 17.4             | 17.9 | 17.8 | 18.3 | 18.7 |
| 8H 4H                                                                               | 17.9             | 18.4 | 18.3  | 18.8 | 19.2 | 17.4             | 18.0 | 17.8 | 18.4 | 18.7 |
| 6H                                                                                  | 17.8             | 18.3 | 18.2  | 18.7 | 19.1 | 17.4             | 17.9 | 17.9 | 18.3 | 18.7 |
| 8H                                                                                  | 17.8             | 18.2 | 18.2  | 18.6 | 19.0 | 17.4             | 17.8 | 17.8 | 18.2 | 18.7 |
| 12H                                                                                 | 17.7             | 18.1 | 18.2  | 18.5 | 19.0 | 17.3             | 17.7 | 17.8 | 18.1 | 18.6 |
| 12H 4H                                                                              | 17.8             | 18.3 | 18.2  | 18.7 | 19.1 | 17.4             | 17.9 | 17.8 | 18.3 | 18.7 |
| 6H                                                                                  | 17.8             | 18.2 | 18.2  | 18.6 | 19.0 | 17.4             | 17.8 | 17.8 | 18.2 | 18.7 |
| 8H                                                                                  | 17.7             | 18.1 | 18.2  | 18.5 | 19.0 | 17.3             | 17.7 | 17.8 | 18.1 | 18.6 |
| Variations with the observer position at spacings(CIE Pub.117):                     |                  |      |       |      |      |                  |      |      |      |      |
| S = 1.0H                                                                            | + 1.8 / - 2.7    |      |       |      |      | + 2.1 / - 2.8    |      |      |      |      |
| 1.5H                                                                                | + 3.0 / - 2.8    |      |       |      |      | + 3.4 / - 2.3    |      |      |      |      |
| 2.0H                                                                                | + 3.2 / - 2.7    |      |       |      |      | + 3.2 / - 1.8    |      |      |      |      |

CIE Pub.117, 416.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.0)  
Area: 0.01 m2

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2025-12-16

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks: M-1051

### UTILIZATION FACTORS TABLE

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.40V I:0.0396A P:4.9277W PF:0.5403 Freq:50.00Hz<br>Lamp Flux:416.20lx1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.: 3000K                                                                        | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

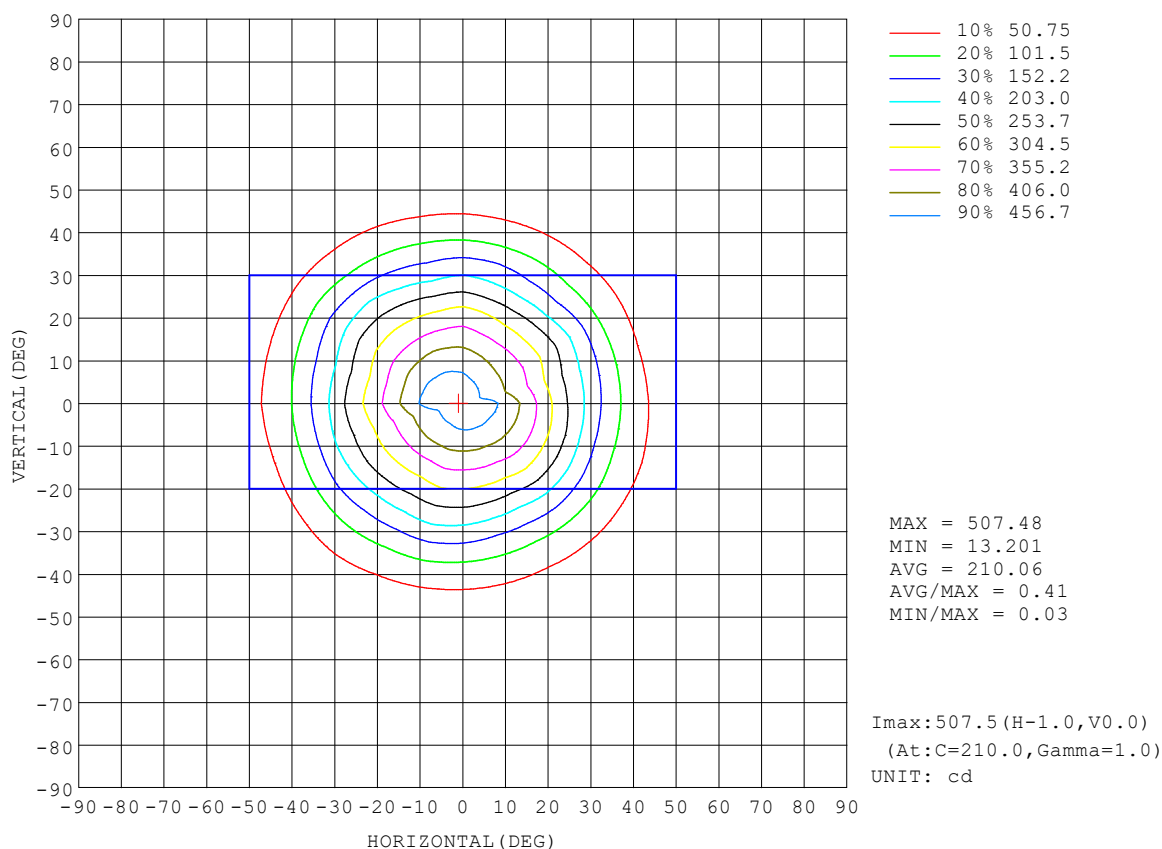
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8                                                  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 0.5 | 0.5           | 0.5 | 0      |
| Walls                            | 0.7                                                  | 0.5 | 0.3       | 0.7 | 0.5 | 0.3 | 0.7 | 0.5           | 0.3 | 0      |
| Working plane                    | 0.2                                                  | 0.2 | 0.2       | 0.2 | 0.2 | 0.2 | 0.2 | 0.2           | 0.2 | 0      |
| ROOM INDEX                       | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 82                                                   | 74  | 70        | 81  | 74  | 70  | 80  | 74            | 70  | 65     |
| 0.80                             | 90                                                   | 83  | 78        | 89  | 83  | 78  | 88  | 82            | 78  | 74     |
| 1.00                             | 95                                                   | 89  | 84        | 94  | 88  | 84  | 93  | 88            | 84  | 79     |
| 1.25                             | 100                                                  | 94  | 90        | 99  | 93  | 89  | 97  | 92            | 89  | 84     |
| 1.50                             | 103                                                  | 97  | 94        | 102 | 97  | 93  | 99  | 95            | 92  | 87     |
| 2.00                             | 106                                                  | 102 | 98        | 105 | 101 | 97  | 102 | 99            | 96  | 90     |
| 2.50                             | 109                                                  | 104 | 101       | 107 | 103 | 100 | 104 | 100           | 98  | 92     |
| 3.00                             | 110                                                  | 106 | 103       | 109 | 105 | 102 | 105 | 102           | 100 | 93     |
| 4.00                             | 113                                                  | 109 | 107       | 111 | 108 | 105 | 107 | 105           | 103 | 95     |
| 5.00                             | 114                                                  | 111 | 109       | 112 | 110 | 108 | 108 | 106           | 105 | 97     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2025-12-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity: 65.0%  
Test Distance: 9.401m [K=1.0000]  
Remarks: M-1051

## ISOCANDELA DIAGRAM

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.40V I:0.0396A P:4.9277W PF:0.5403 Freq:50.00Hz<br>Lamp Flux:416.201x1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.: 3000K                                                                        | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

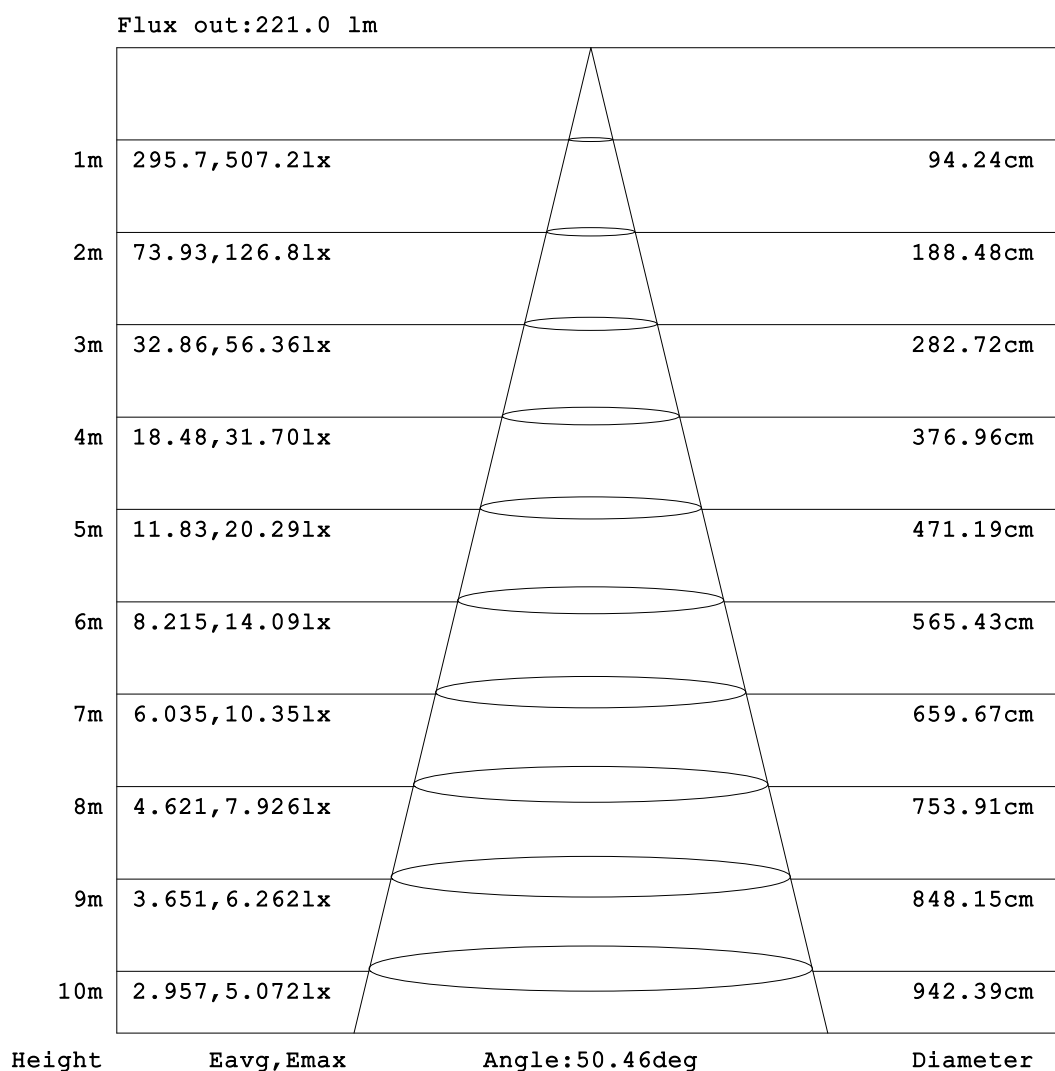


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2025-12-16

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks: M-1051

### AAI Figure

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.40V I:0.0396A P:4.9277W PF:0.5403 Freq:50.00Hz<br>Lamp Flux:416.20lx1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.: 3000K                                                                        | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |



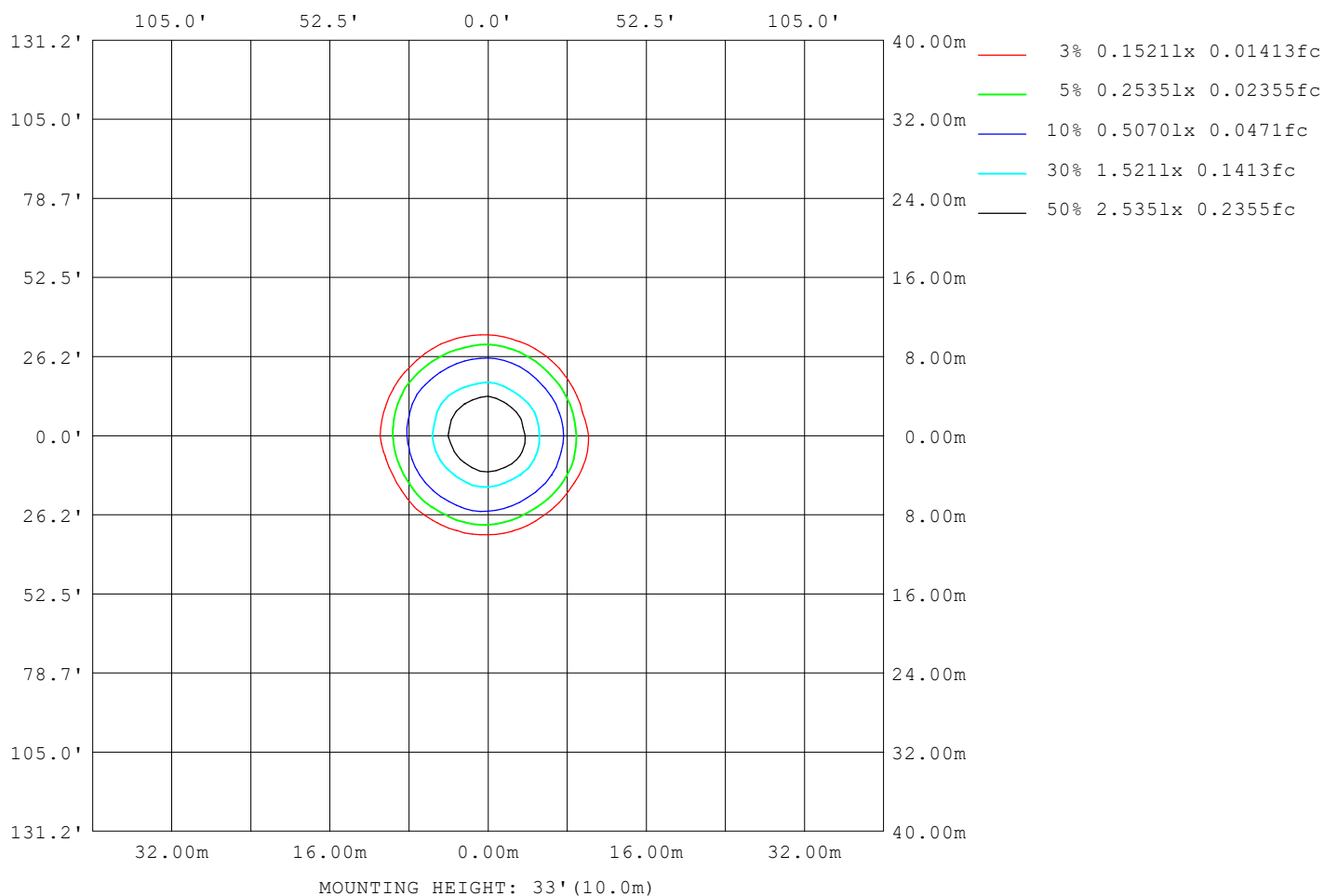
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2025-12-16

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks: M-1051

### ISOLUX DIAGRAM

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.40V I:0.0396A P:4.9277W PF:0.5403 Freq:50.00Hz<br>Lamp Flux:416.20lx1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.: 3000K                                                                        | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2025-12-16

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks: M-1051

### LED Avg.L Report

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.40V I:0.0396A P:4.9277W PF:0.5403 Freq:50.00Hz<br>Lamp Flux:416.201x1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.: 3000K                                                                        | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

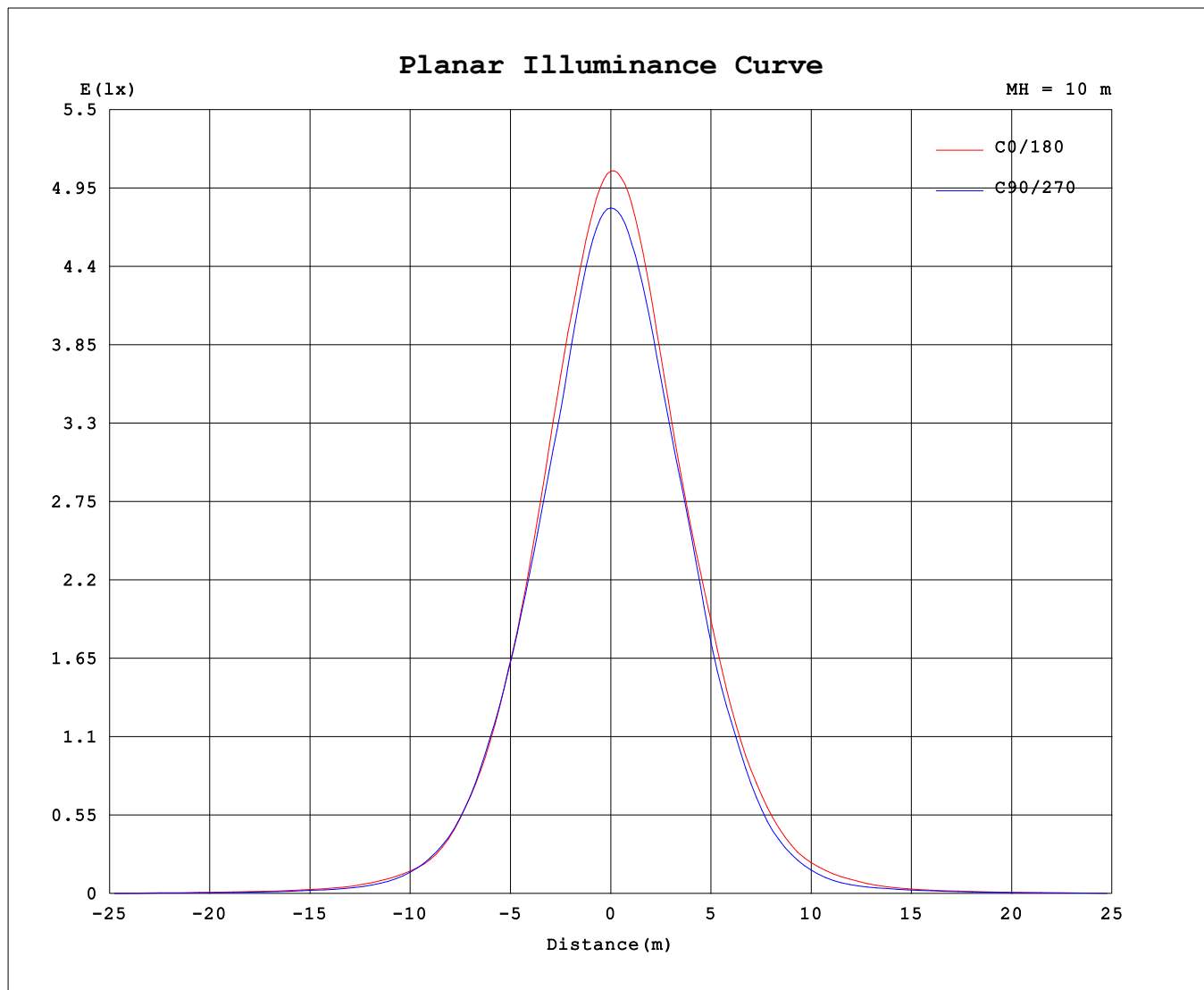
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 2312  |
| L_0~180 (75) av  | 1352  |
| L_0~180 (85) av  | 249   |
| L_90~270 (65) av | 1855  |
| L_90~270 (75) av | 1170  |
| L_90~270 (85) av | 21    |
| L_45 (65) av     | 1940  |
| L_45 (75) av     | 1219  |
| L_45 (85) av     | 149   |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2025-12-16

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks: M-1051

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2025-12-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity: 65.0%  
Test Distance: 9.401m [K=1.0000]  
Remarks: M-1051

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.40V I:0.0396A P:4.9277W PF:0.5403 Freq:50.00Hz<br>Lamp Flux:416.20lx1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.: 3000K                                                                        | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

UNIT: cd

[illegible]

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:9.401m [K=1.0000]
Remarks: M-1051

```

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:230.40V I:0.0396A P:4.9277W PF:0.5403 Freq:50.00Hz<br>Lamp Flux:416.20lx1 lm |       |                  |
| NAME:                                                                               | TYPE: | WEIGHT:          |
| SPEC.: 3000K                                                                        | DIM.: | SERIAL No.:      |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

UNIT: cd

[illegible]

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:9.401m [K=1.0000]
Remarks: M-1051

```