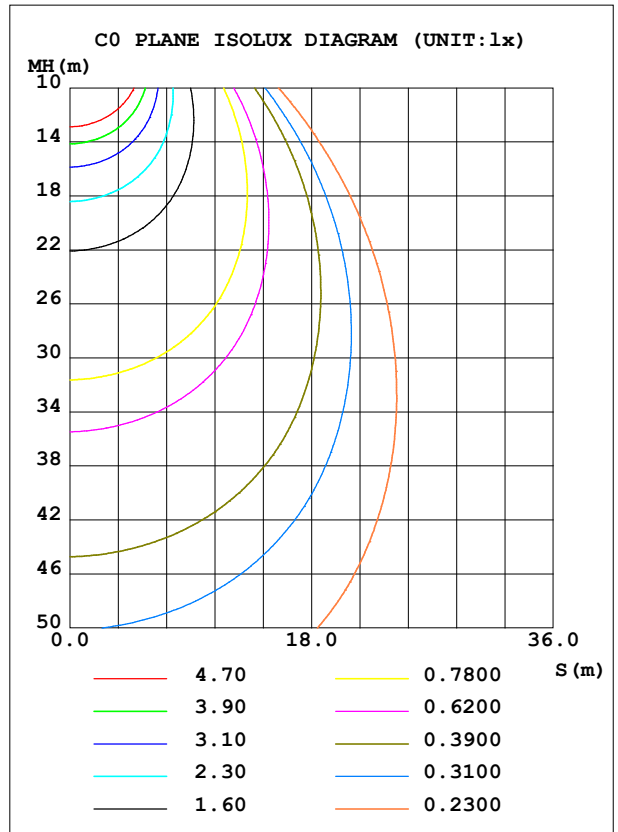
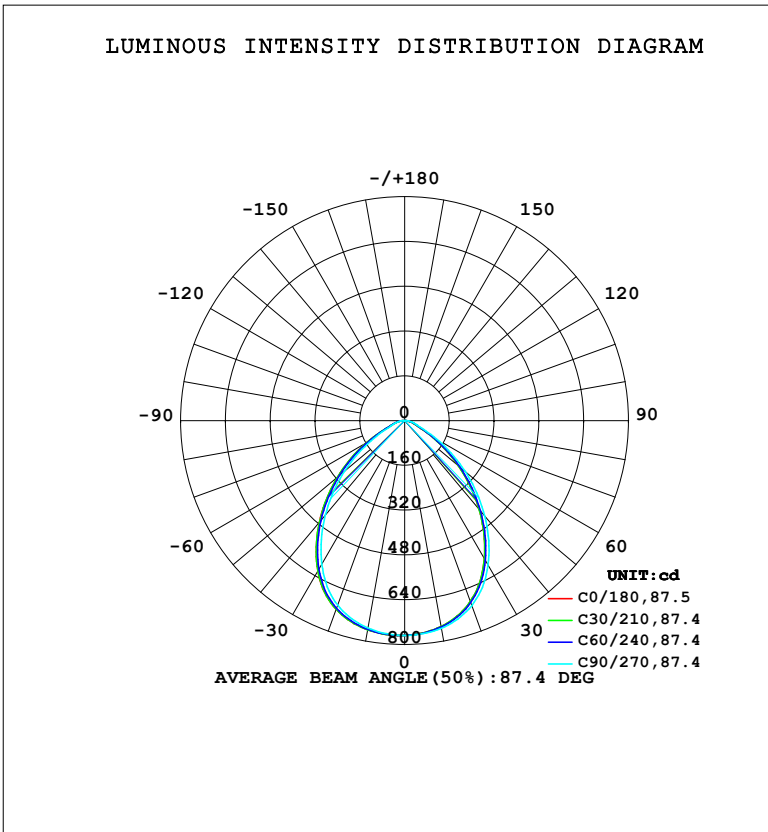


LUMINAIRE PHOTOMETRIC TEST REPORT

|   |            |                  |
|---|------------|------------------|
| Test:U:230.42V I:0.1100A P:13.826W PF:0.5454 Freq:50.00Hz<br>Lamp Flux:1492.33x1 lm |            |                  |
| NAME:   | TYPE: 带反光纸 | WEIGHT:          |
| SPEC.: 4000   | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.:      | Shielding Angle: |

| DATA OF LAMP      |         | PHOTOMETRIC DATA |        |                          |           |
|-------------------|---------|------------------|--------|--------------------------|-----------|
| MODEL             | 219C    | Imax (cd)        | 770.4  | S/MH (C0/180)            | 1.20      |
| NOMINAL POWER (W) | 15      | LOR (%)          | 100.0  | S/MH (C90/270)           | 1.16      |
| RATED VOLTAGE (V) | 220     | TOTAL FLUX (lm)  | 1492.3 | $\eta$ UP, DN (C0-180)   | 0.0, 51.0 |
| NOMINAL FLUX (lm) | 1492.33 | CIE CLASS        | DIRECT | $\eta$ UP, DN (C180-360) | 0.0, 49.0 |
| LAMPS INSIDE      | 1       | $\eta$ up (%)    | 0.0    | CIBSE SHR NOM            | 1.25      |
| TEST VOLTAGE (V)  | 220     | $\eta$ down (%)  | 100.0  | CIBSE SHR MAX            | 1.25      |



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-12-05

$\gamma$  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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C45    | C90    | C135   | C180  | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|-------|--------|--------|--------|----------|-------------|--------------|------------|
| 10       | 747.3                 | 748.1  | 753.4  | 763.2  | 758.7 | 758.2  | 752.4  | 741.6  | 0- 10    | 72.57       | 72.57        | 4.86,4.86  |
| 20       | 686.9                 | 689.5  | 703.0  | 726.5  | 716.8 | 715.0  | 701.4  | 672.8  | 10- 20   | 206.4       | 279.0        | 18.7,18.7  |
| 30       | 570.3                 | 574.1  | 596.4  | 638.6  | 621.0 | 616.6  | 592.1  | 545.8  | 20- 30   | 300.7       | 579.6        | 38.8,38.8  |
| 40       | 414.7                 | 419.4  | 445.3  | 496.7  | 474.4 | 470.2  | 441.1  | 386.7  | 30- 40   | 325.5       | 905.2        | 60.7,60.7  |
| 50       | 250.9                 | 256.4  | 282.3  | 335.4  | 313.0 | 308.0  | 279.2  | 223.4  | 40- 50   | 279.2       | 1184         | 79.4,79.4  |
| 60       | 107.3                 | 110.9  | 131.9  | 175.7  | 155.8 | 153.7  | 128.8  | 88.24  | 50- 60   | 181.9       | 1366         | 91.6,91.6  |
| 70       | 40.58                 | 42.77  | 48.83  | 61.40  | 52.17 | 53.57  | 48.25  | 37.62  | 60- 70   | 80.98       | 1447         | 97,97      |
| 80       | 14.01                 | 15.38  | 20.56  | 28.76  | 21.98 | 23.28  | 20.36  | 13.27  | 70- 80   | 35.15       | 1482         | 99.3,99.3  |
| 90       | 0.3849                | 0.4015 | 0.3504 | 0.6136 | 2.185 | 0.4015 | 0.4410 | 0.5164 | 80- 90   | 9.878       | 1492         | 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): 1054.4 lm

%lum = 70.7%

%lamp = 70.7%

Conical surface Flux(130deg): 1416.3 lm

%lum = 94.9%

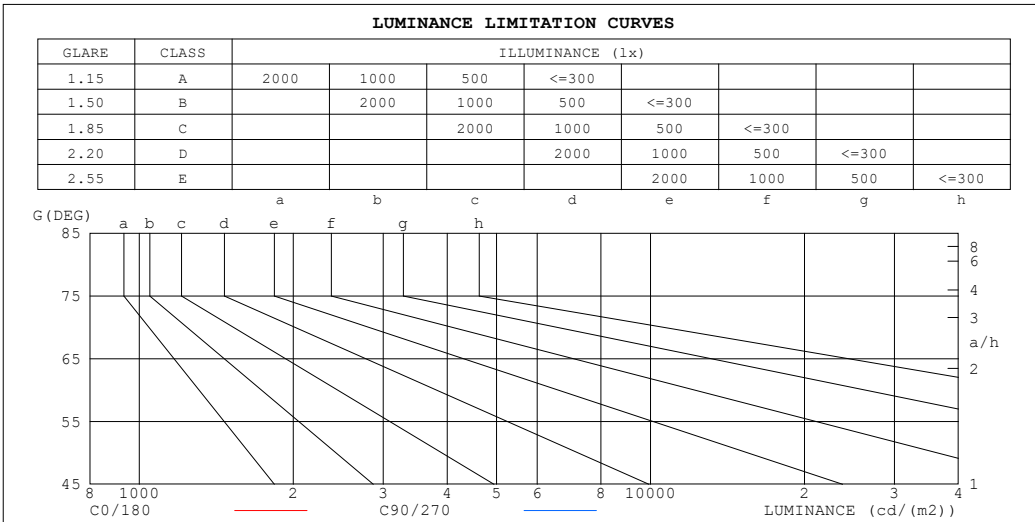
%lamp = 94.9%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-12-05

$\gamma$  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:

**LUMINANCE LIMITATION CURVES**

|   |            |                  |
|---|------------|------------------|
| Test:U:230.42V I:0.1100A P:13.826W PF:0.5454 Freq:50.00Hz<br>Lamp Flux:1492.33x1 lm |            |                  |
| NAME:   | TYPE: 带反光纸 | WEIGHT:          |
| SPEC.: 4000   | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.:      | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 98     | 155     |
| 80                | 131    | 188     |
| 75                | 162    | 208     |
| 70                | 192    | 227     |
| 65                | 227    | 285     |
| 60                | 348    | 419     |
| 55                | 493    | 562     |
| 50                | 633    | 698     |
| 45                | 762    | 819     |

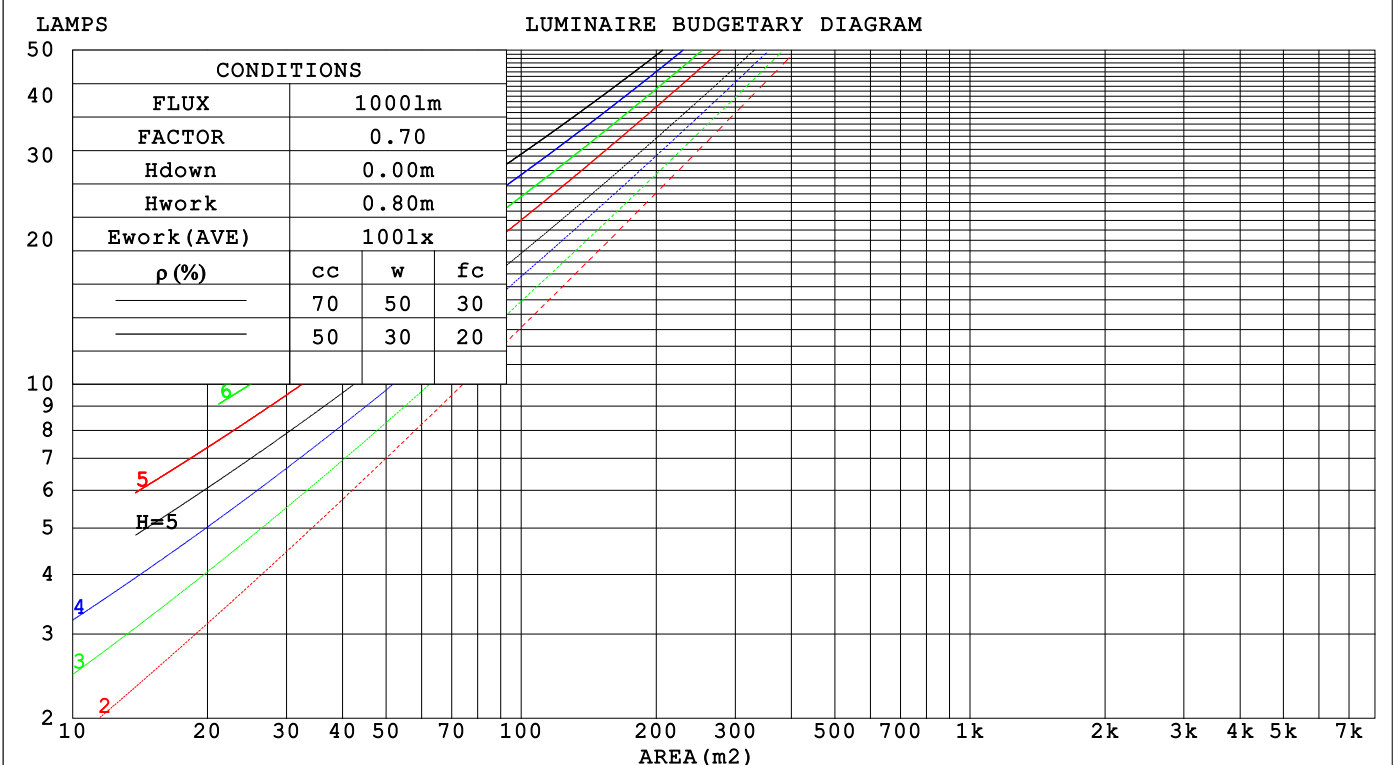
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-12-05

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|   |            |                  |
|---|------------|------------------|
| Test:U:230.42V I:0.1100A P:13.826W PF:0.5454 Freq:50.00Hz<br>Lamp Flux:1492.33x1 lm |            |                  |
| NAME:   | TYPE: 带反光纸 | WEIGHT:          |
| SPEC.: 4000   | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.:      | Shielding Angle: |

| ρcc  | 80%  |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0    |
|------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ρw   | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0    |
| ρfc  | 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 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1.0  | 1.07   | 1.04 | 1.01 | 1.05 | 1.02 | .99  | 1.01 | .98  | .96  | .97  | .95  | .93  | .93  | .92  | .90  | .88  |
| 2.0  | .96  | .90  | .86  | .94  | .89  | .85  | .91  | .87  | .83  | .88  | .84  | .81  | .85  | .82  | .79  | .77  |
| 3.0  | .86  | .79  | .74  | .85  | .78  | .73  | .82  | .77  | .72  | .79  | .75  | .71  | .77  | .73  | .70  | .68  |
| 4.0  | .78  | .70  | .65  | .77  | .70  | .64  | .74  | .68  | .63  | .72  | .67  | .63  | .70  | .65  | .62  | .60  |
| 5.0  | .71  | .63  | .57  | .70  | .62  | .57  | .68  | .61  | .56  | .66  | .60  | .56  | .64  | .59  | .55  | .53  |
| 6.0  | .64  | .56  | .51  | .63  | .56  | .51  | .62  | .55  | .50  | .60  | .54  | .50  | .59  | .53  | .49  | .48  |
| 7.0  | .59  | .51  | .46  | .58  | .51  | .45  | .57  | .50  | .45  | .55  | .49  | .45  | .54  | .49  | .45  | .43  |
| 8.0  | .54  | .47  | .41  | .54  | .46  | .41  | .52  | .46  | .41  | .51  | .45  | .41  | .50  | .45  | .40  | .39  |
| 9.0  | .50  | .43  | .38  | .50  | .42  | .37  | .48  | .42  | .37  | .47  | .41  | .37  | .46  | .41  | .37  | .35  |
| 10.0 | .47  | .39  | .34  | .46  | .39  | .34  | .45  | .39  | .34  | .44  | .38  | .34  | .43  | .38  | .34  | .32  |



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-12-05

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:

WEC AND CCEC

|   |            |                  |
|---|------------|------------------|
| Test:U:230.42V I:0.1100A P:13.826W PF:0.5454 Freq:50.00Hz<br>Lamp Flux:1492.33x1 lm |            |                  |
| NAME:   | TYPE: 带反光纸 | WEIGHT:          |
| SPEC.: 4000   | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.:      | Shielding Angle: |

| $\rho_{CC}$ | 80%                   |      |      | 70%  |      |      | 50%                              |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-------------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|
| $\rho_w$    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                              | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| $\rho_{fc}$ | 20%                   |      |      | 20%  |      |      | 20%                              |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR         | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients (WEC) |      |      |      |      |      |      |      |      |   |
| 0.0         |                       |      |      |      |      |      |                                  |      |      |      |      |      |      |      |      |   |
| 1.0         | .247                  | .140 | .044 | .240 | .137 | .043 | .227                             | .130 | .042 | .215 | .124 | .040 | .204 | .118 | .038 |   |
| 2.0         | .238                  | .130 | .040 | .232 | .128 | .039 | .221                             | .123 | .038 | .211 | .118 | .037 | .201 | .114 | .036 |   |
| 3.0         | .226                  | .120 | .036 | .220 | .118 | .036 | .211                             | .114 | .035 | .201 | .110 | .034 | .193 | .107 | .033 |   |
| 4.0         | .212                  | .110 | .032 | .208 | .109 | .032 | .199                             | .106 | .032 | .191 | .103 | .031 | .184 | .100 | .030 |   |
| 5.0         | .200                  | .102 | .030 | .196 | .101 | .029 | .188                             | .098 | .029 | .181 | .096 | .028 | .174 | .093 | .028 |   |
| 6.0         | .188                  | .094 | .027 | .185 | .093 | .027 | .178                             | .091 | .026 | .171 | .089 | .026 | .165 | .087 | .026 |   |
| 7.0         | .177                  | .088 | .025 | .174 | .087 | .025 | .168                             | .085 | .024 | .162 | .083 | .024 | .157 | .082 | .024 |   |
| 8.0         | .167                  | .082 | .023 | .165 | .081 | .023 | .159                             | .079 | .023 | .154 | .078 | .022 | .149 | .077 | .022 |   |
| 9.0         | .158                  | .077 | .021 | .156 | .076 | .021 | .151                             | .075 | .021 | .146 | .073 | .021 | .142 | .072 | .021 |   |
| 10.0        | .150                  | .072 | .020 | .148 | .071 | .020 | .143                             | .070 | .020 | .139 | .069 | .020 | .135 | .068 | .020 |   |

| $\rho_{CC}$ | 80%                   |      |      | 70%  |      |      | 50%   |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-------------|-----------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|
| $\rho_w$    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| $\rho_{fc}$ | 20%                   |      |      | 20%  |      |      | 20%   |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR         | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients (CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0         | .190                  | .190 | .190 | .163 | .163 | .163 | .111  | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |
| 1.0         | .176                  | .157 | .139 | .151 | .134 | .120 | .103  | .093 | .083 | .059 | .054 | .048 | .019 | .017 | .016 |   |
| 2.0         | .165                  | .132 | .105 | .141 | .114 | .090 | .097  | .079 | .063 | .056 | .046 | .037 | .018 | .015 | .012 |   |
| 3.0         | .156                  | .114 | .081 | .134 | .098 | .070 | .092  | .068 | .049 | .053 | .040 | .029 | .017 | .013 | .009 |   |
| 4.0         | .148                  | .100 | .064 | .127 | .087 | .055 | .087  | .060 | .039 | .050 | .035 | .023 | .016 | .012 | .008 |   |
| 5.0         | .140                  | .089 | .052 | .121 | .077 | .045 | .083  | .054 | .032 | .048 | .032 | .019 | .016 | .010 | .006 |   |
| 6.0         | .134                  | .081 | .043 | .115 | .070 | .037 | .079  | .049 | .026 | .046 | .029 | .016 | .015 | .009 | .005 |   |
| 7.0         | .127                  | .074 | .036 | .110 | .064 | .031 | .076  | .045 | .022 | .044 | .026 | .013 | .014 | .009 | .004 |   |
| 8.0         | .121                  | .068 | .031 | .105 | .059 | .027 | .072  | .041 | .019 | .042 | .024 | .011 | .014 | .008 | .004 |   |
| 9.0         | .116                  | .063 | .027 | .100 | .055 | .024 | .069  | .038 | .017 | .040 | .023 | .010 | .013 | .007 | .003 |   |
| 10.0        | .111                  | .059 | .024 | .096 | .051 | .021 | .066  | .036 | .015 | .039 | .021 | .009 | .013 | .007 | .003 |   |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-12-05

$\gamma$  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:

UGR(Unified Glare Rating) Table

|   |            |                  |
|---|------------|------------------|
| Test:U:230.42V I:0.1100A P:13.826W PF:0.5454 Freq:50.00Hz<br>Lamp Flux:1492.33x1 lm |            |                  |
| NAME:   | TYPE: 带反光纸 | WEIGHT:          |
| SPEC.: 4000   | 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   | 7.9              | 9.3 | 8.2 | 9.4 | 9.6  | 8.3            | 9.7 | 8.6 | 9.8  | 10.0 |
| 3H              | 8.1              | 9.3 | 8.4 | 9.6 | 9.8  | 8.6            | 9.8 | 8.9 | 10.0 | 10.2 |
| 4H              | 8.2              | 9.4 | 8.5 | 9.6 | 9.8  | 8.7            | 9.9 | 9.0 | 10.1 | 10.3 |
| 6H              | 8.2              | 9.3 | 8.6 | 9.6 | 9.8  | 8.8            | 9.9 | 9.1 | 10.1 | 10.4 |
| 8H              | 8.2              | 9.3 | 8.6 | 9.5 | 9.8  | 8.8            | 9.9 | 9.2 | 10.1 | 10.4 |
| 12H             | 8.2              | 9.2 | 8.5 | 9.5 | 9.8  | 8.8            | 9.8 | 9.2 | 10.1 | 10.4 |
| 4H 2H           | 8.0              | 9.2 | 8.3 | 9.4 | 9.6  | 8.4            | 9.5 | 8.7 | 9.7  | 10.0 |
| 3H              | 8.3              | 9.3 | 8.7 | 9.6 | 9.9  | 8.7            | 9.7 | 9.1 | 10.0 | 10.3 |
| 4H              | 8.5              | 9.4 | 8.8 | 9.7 | 10.0 | 9.0            | 9.8 | 9.3 | 10.2 | 10.5 |
| 6H              | 8.6              | 9.3 | 8.9 | 9.7 | 10.0 | 9.1            | 9.9 | 9.5 | 10.3 | 10.6 |
| 8H              | 8.6              | 9.3 | 9.0 | 9.7 | 10.0 | 9.2            | 9.9 | 9.6 | 10.3 | 10.7 |
| 12H             | 8.6              | 9.2 | 9.0 | 9.6 | 10.0 | 9.2            | 9.9 | 9.7 | 10.3 | 10.7 |
| 8H 4H           | 8.5              | 9.2 | 8.9 | 9.6 | 9.9  | 8.9            | 9.7 | 9.3 | 10.0 | 10.4 |
| 6H              | 8.6              | 9.2 | 9.1 | 9.6 | 10.0 | 9.2            | 9.8 | 9.6 | 10.2 | 10.6 |
| 8H              | 8.7              | 9.2 | 9.1 | 9.6 | 10.1 | 9.3            | 9.8 | 9.8 | 10.3 | 10.7 |
| 12H             | 8.7              | 9.1 | 9.2 | 9.6 | 10.1 | 9.4            | 9.8 | 9.9 | 10.3 | 10.8 |
| 12H 4H          | 8.5              | 9.1 | 8.9 | 9.5 | 9.9  | 8.9            | 9.6 | 9.3 | 10.0 | 10.4 |
| 6H              | 8.6              | 9.1 | 9.1 | 9.6 | 10.0 | 9.2            | 9.7 | 9.6 | 10.1 | 10.6 |
| 8H              | 8.7              | 9.1 | 9.1 | 9.6 | 10.0 | 9.3            | 9.8 | 9.8 | 10.2 | 10.7 |

|   |               |               |
|---|---------------|---------------|
| Variations with the observer position at spacings(CIE Pub.117): |               |               |
| S = 1.0H  | + 0.8 / - 1.1 | + 0.6 / - 0.8 |
| 1.5H  | + 0.5 / - 0.5 | + 0.4 / - 0.5 |
| 2.0H  | + 1.9 / - 2.5 | + 1.7 / - 2.3 |

CIE Pub.117, 1492 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.4)  
Area: 0.627 m2

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-12-05

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:

**UTILIZATION FACTORS TABLE**

|   |            |                  |
|---|------------|------------------|
| Test:U:230.42V I:0.1100A P:13.826W PF:0.5454 Freq:50.00Hz<br>Lamp Flux:1492.33x1 lm |            |                  |
| NAME:   | TYPE: 带反光纸 | WEIGHT:          |
| SPEC.: 4000   | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.:      | Shielding Angle: |

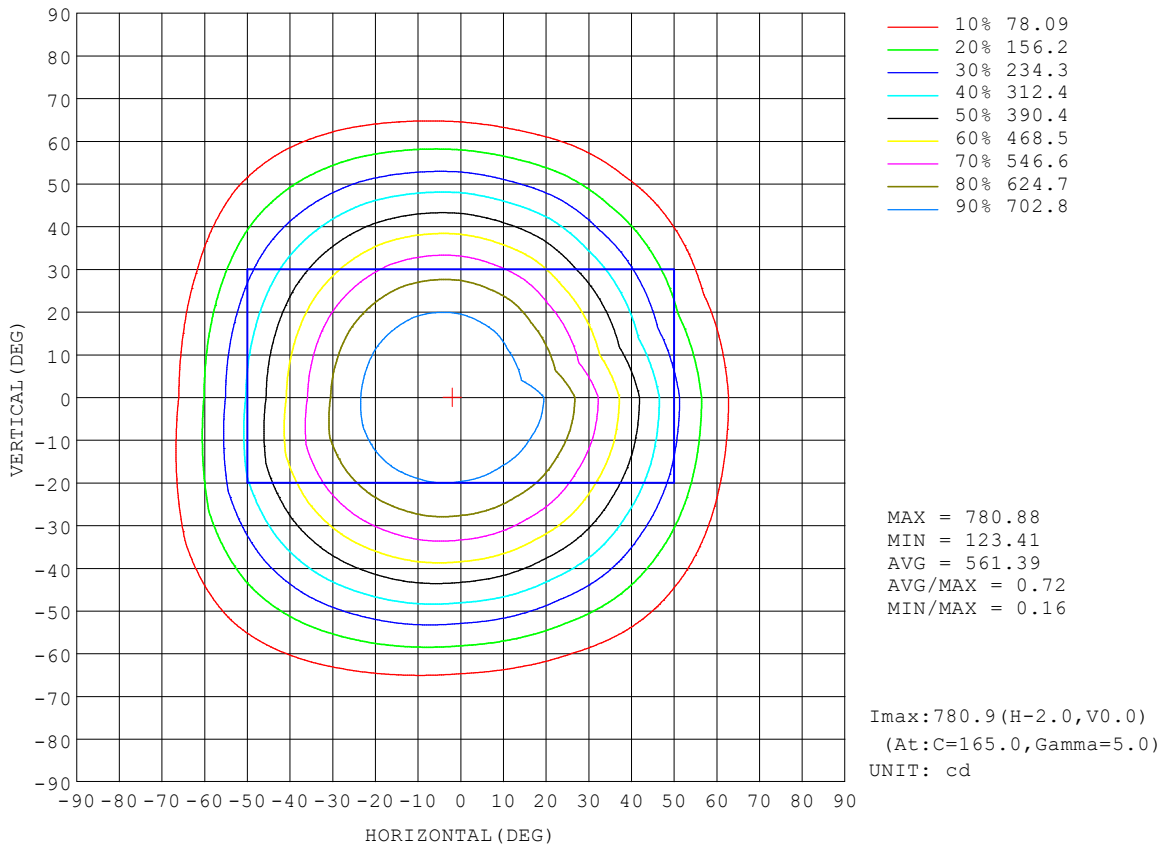
| REFLECTANCE                      |  |     |           |     |     |     |               |     |     |        |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 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                         | 67   | 57  | 51        | 66  | 56  | 50  | 65            | 56  | 50  | 45     |
| 0.80                             | 77   | 67  | 61        | 76  | 67  | 61  | 74            | 66  | 60  | 54     |
| 1.00                             | 85   | 76  | 70        | 84  | 75  | 69  | 82            | 76  | 69  | 63     |
| 1.25                             | 91   | 83  | 77        | 90  | 82  | 77  | 87            | 81  | 76  | 70     |
| 1.50                             | 95   | 88  | 82        | 94  | 87  | 82  | 91            | 85  | 81  | 74     |
| 2.00                             | 101  | 94  | 89        | 99  | 93  | 88  | 96            | 91  | 87  | 80     |
| 2.50                             | 104  | 98  | 93        | 102 | 96  | 92  | 98            | 94  | 90  | 83     |
| 3.00                             | 106  | 101 | 97        | 104 | 100 | 96  | 101           | 97  | 94  | 86     |
| 4.00                             | 109  | 105 | 101       | 107 | 103 | 100 | 103           | 100 | 97  | 89     |
| 5.00                             | 111  | 107 | 104       | 109 | 106 | 103 | 105           | 102 | 100 | 91     |
| 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:2024-12-05

$\gamma$  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:

**ISOCANDELA DIAGRAM**

|   |            |                  |
|---|------------|------------------|
| Test:U:230.42V I:0.1100A P:13.826W PF:0.5454 Freq:50.00Hz<br>Lamp Flux:1492.33x1 lm |            |                  |
| NAME:   | TYPE: 带反光纸 | WEIGHT:          |
| SPEC.: 4000   | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.:      | Shielding Angle: |



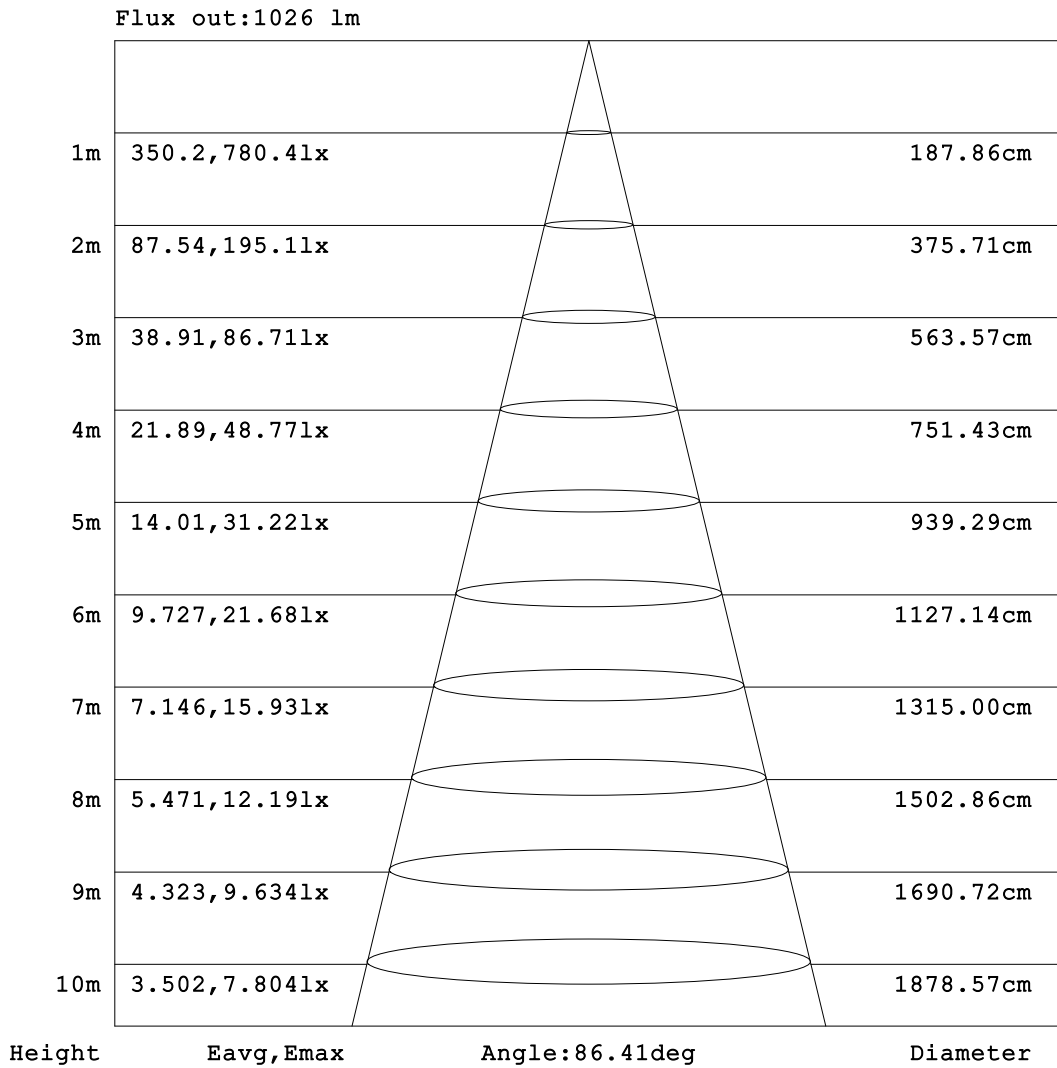
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-12-05

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:



**AAI Figure**

|   |            |                  |
|---|------------|------------------|
| Test:U:230.42V I:0.1100A P:13.826W PF:0.5454 Freq:50.00Hz<br>Lamp Flux:1492.33x1 lm |            |                  |
| NAME:   | TYPE: 带反光纸 | WEIGHT:          |
| SPEC.: 4000   | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.:      | Shielding Angle: |



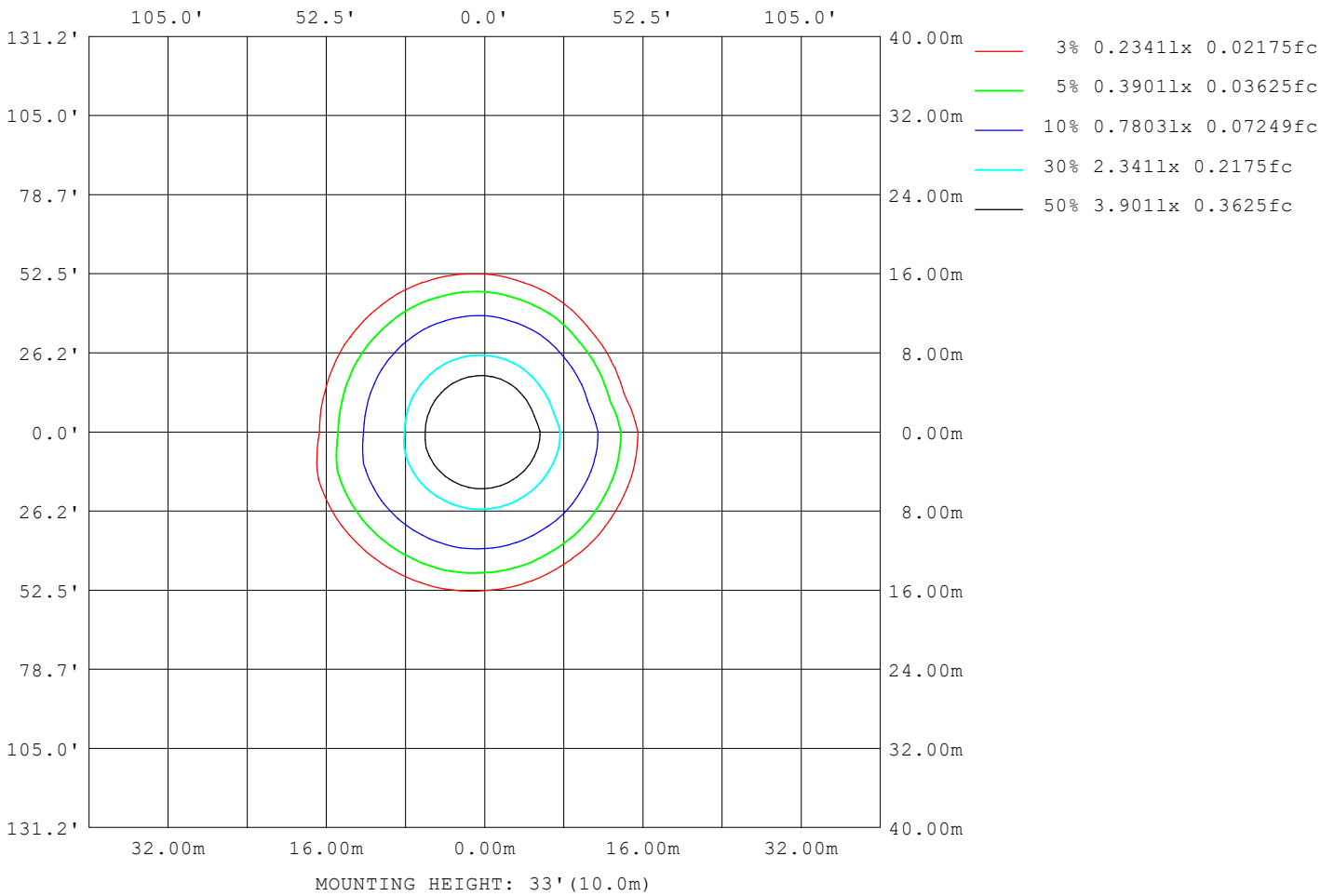
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-12-05

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:

**ISOLUX DIAGRAM**

|   |            |                  |
|---|------------|------------------|
| Test:U:230.42V I:0.1100A P:13.826W PF:0.5454 Freq:50.00Hz<br>Lamp Flux:1492.33x1 lm |            |                  |
| NAME:   | TYPE: 带反光纸 | WEIGHT:          |
| SPEC.: 4000   | 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:2024-12-05

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:

**LED Avg.L Report**

|   |            |                  |
|---|------------|------------------|
| Test:U:230.42V I:0.1100A P:13.826W PF:0.5454 Freq:50.00Hz<br>Lamp Flux:1492.33x1 lm |            |                  |
| NAME:   | TYPE: 带反光纸 | WEIGHT:          |
| SPEC.: 4000   | DIM.:      | SERIAL No.:      |
| MFR.: EVERFINE  | SUR.:      | Shielding Angle: |

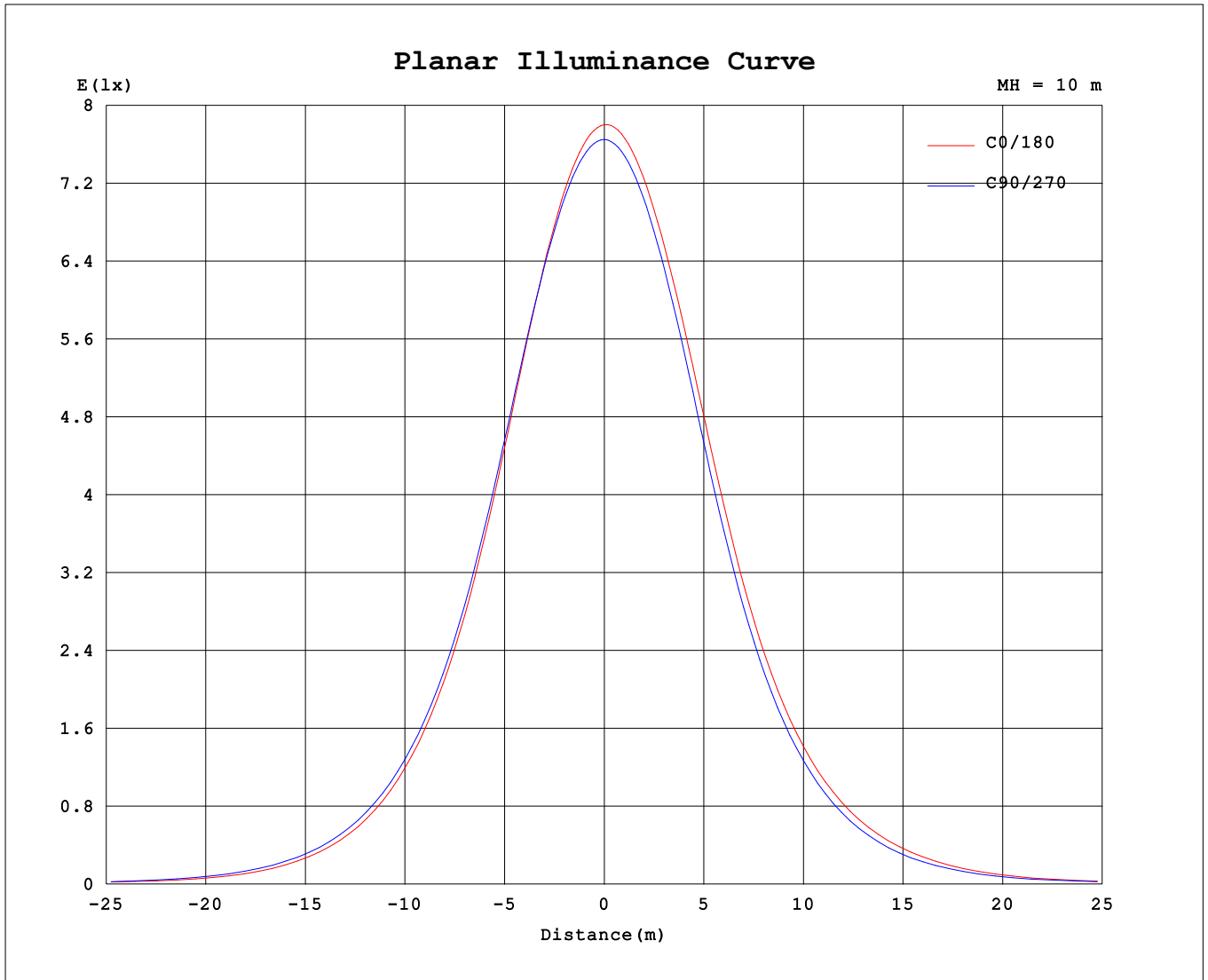
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 277   |
| L_0~180 (75) av  | 190   |
| L_0~180 (85) av  | 147   |
| L_90~270 (65) av | 282   |
| L_90~270 (75) av | 207   |
| L_90~270 (85) av | 156   |
| L_45 (65) av     | 298   |
| L_45 (75) av     | 205   |
| L_45 (85) av     | 161   |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-12-05

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:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-12-05

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:



