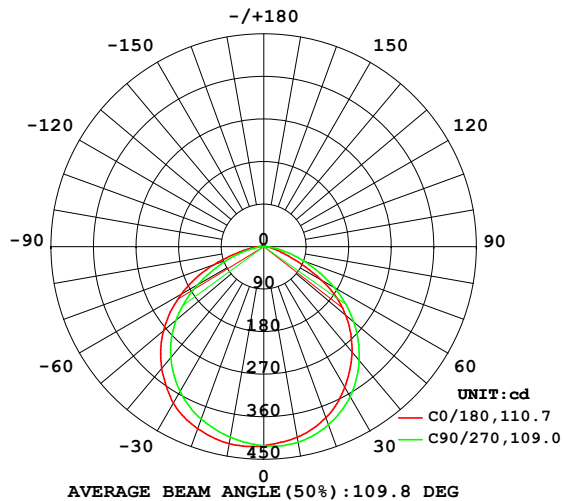


## LUMINAIRE PHOTOMETRIC TEST REPORT

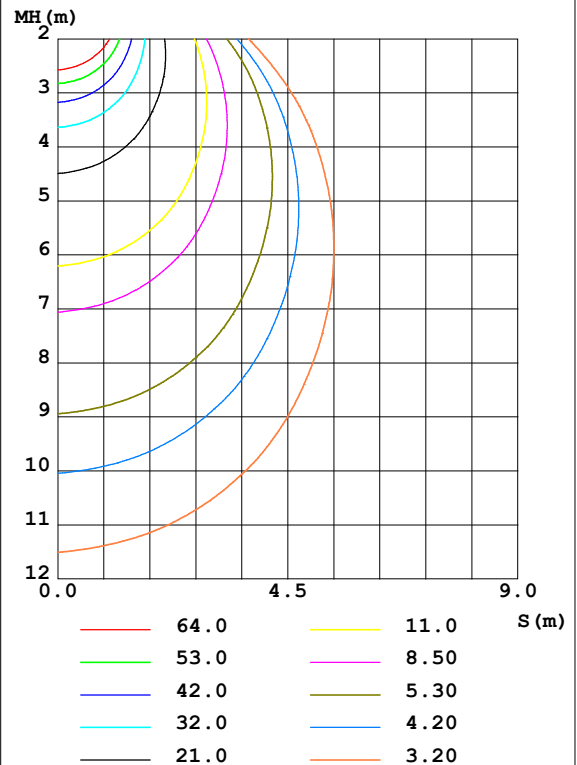
|                                                                                |                  |                  |
|--------------------------------------------------------------------------------|------------------|------------------|
| Test:U:120.4V I:0.0850A P:10.20W PF:0.9970 Freq:60.00Hz Lamp Flux:1160.54x1 lm |                  |                  |
| NAME: 1FT PC罩                                                                  | TYPE:3000K       | WEIGHT:          |
| SPEC.:                                                                         | DIM.:            | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.305*0.056 | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 113.78 lm/W |        |                   |          |
|------------------|---------|-----------------------------------|--------|-------------------|----------|
| MODEL            |         | I <sub>max</sub> (cd)             | 427.1  | S/MH(C0/180)      | 1.22     |
| NOMINAL POWER(W) | 10W     | LOR(%)                            | 100.0  | S/MH(C90/270)     | 1.25     |
| RATED VOLTAGE(V) | 120.0   | TOTAL FLUX(lm)                    | 1160.5 | η UP,DN(C0-180)   | 0.4,49.3 |
| NOMINAL FLUX(lm) | 1160.54 | CIE CLASS                         | DIRECT | η UP,DN(C180-360) | 0.4,49.9 |
| LAMPS INSIDE     | 1       | η up(%)                           | 0.8    | CIBSE SHR NOM     | 1.25     |
| TEST VOLTAGE(V)  | 120.0   | η down(%)                         | 99.2   | CIBSE SHR MAX     | 1.35     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-01-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

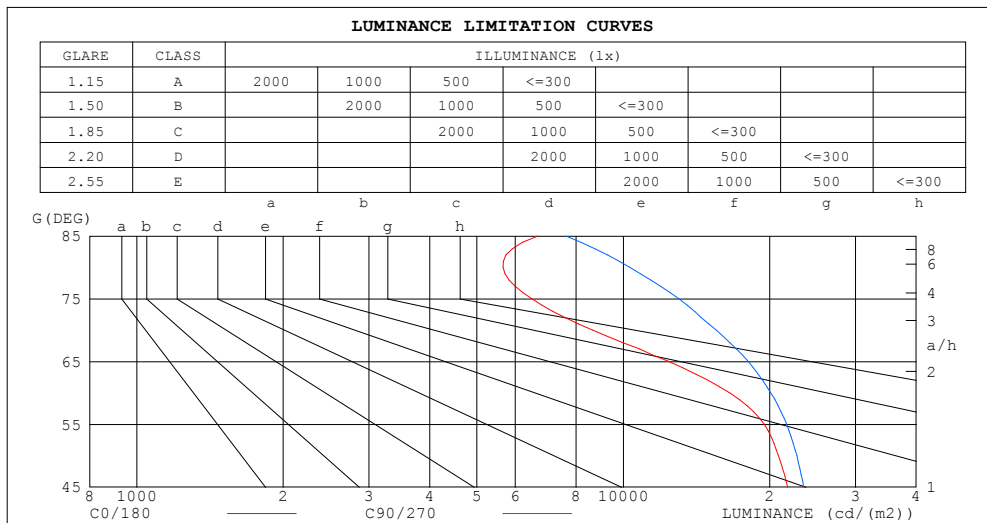
| $\gamma$ | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10       | 409.3                 | 413.9  | 420.0  | 426.8  | 423.1  | 416.6  | 409.0  | 405.6  | 0- 10    | 39.94       | 39.94        | 3.44,3.44  |
| 20       | 385.0                 | 392.4  | 400.9  | 415.3  | 409.8  | 399.3  | 388.0  | 379.8  | 10- 20   | 115.1       | 155.1        | 13.4,13.4  |
| 30       | 343.0                 | 355.1  | 365.9  | 388.5  | 382.3  | 370.2  | 353.9  | 339.7  | 20- 30   | 175.7       | 330.7        | 28.5,28.5  |
| 40       | 290.7                 | 299.2  | 313.9  | 344.9  | 336.0  | 326.4  | 306.1  | 283.3  | 30- 40   | 212.1       | 542.9        | 46.8,46.8  |
| 50       | 226.5                 | 228.9  | 248.9  | 280.2  | 277.1  | 264.3  | 242.5  | 217.5  | 40- 50   | 217.3       | 760.1        | 65.5,65.5  |
| 60       | 139.8                 | 153.3  | 171.2  | 203.0  | 201.7  | 187.9  | 161.7  | 140.0  | 50- 60   | 187.9       | 948.1        | 81.7,81.7  |
| 70       | 50.05                 | 74.67  | 90.50  | 120.3  | 113.0  | 106.1  | 80.79  | 61.41  | 60- 70   | 126.0       | 1074         | 92.5,92.5  |
| 80       | 16.61                 | 24.64  | 30.52  | 51.41  | 37.52  | 42.24  | 23.76  | 19.22  | 70- 80   | 58.88       | 1133         | 97.6,97.6  |
| 90       | 5.441                 | 4.979  | 0.5031 | 15.31  | 12.70  | 11.44  | 0.0097 | 3.842  | 80- 90   | 17.99       | 1151         | 99.2,99.2  |
| 100      | 2.118                 | 1.671  | 0.0873 | 3.146  | 4.203  | 2.368  | 0.0461 | 1.700  | 90-100   | 3.992       | 1155         | 99.5,99.5  |
| 110      | 1.640                 | 1.357  | 0.1479 | 2.031  | 2.187  | 1.848  | 0.1190 | 1.373  | 100-110  | 1.641       | 1157         | 99.7,99.7  |
| 120      | 1.342                 | 1.123  | 0.2593 | 1.641  | 1.763  | 1.495  | 0.1870 | 1.122  | 110-120  | 1.221       | 1158         | 99.8,99.8  |
| 130      | 1.130                 | 0.8885 | 0.4340 | 1.329  | 1.103  | 1.183  | 0.3715 | 0.8390 | 120-130  | 0.8956      | 1159         | 99.8,99.8  |
| 140      | 0.9201                | 0.8064 | 0.6208 | 1.051  | 0.9559 | 1.019  | 0.5193 | 0.7463 | 130-140  | 0.6744      | 1159         | 99.9,99.9  |
| 150      | 0.8718                | 0.8041 | 0.6865 | 0.9070 | 0.9391 | 0.8815 | 0.5993 | 0.7559 | 140-150  | 0.5103      | 1160         | 99.9,99.9  |
| 160      | 0.9053                | 0.8379 | 0.6890 | 0.9975 | 0.9876 | 1.038  | 0.6478 | 0.8608 | 150-160  | 0.3839      | 1160         | 100,100    |
| 170      | 0.8321                | 0.5987 | 0.6720 | 1.036  | 0.8044 | 0.9638 | 0.6355 | 0.5636 | 160-170  | 0.2425      | 1160         | 100,100    |
| 180      | 0.4672                | 0.6012 | 0.7157 | 0.7584 | 0.4696 | 0.6037 | 0.7181 | 0.7365 | 170-180  | 0.0683      | 1161         | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |          | UNIT:lm     |              |            |

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-01-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
 Humidity:65.0%  
 Test Distance:7.540m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                |                  |                  |
|--------------------------------------------------------------------------------|------------------|------------------|
| Test:U:120.4V I:0.0850A P:10.20W PF:0.9970 Freq:60.00Hz Lamp Flux:1160.54x1 lm |                  |                  |
| NAME: 1FT PC罩                                                                  | TYPE:3000K       | WEIGHT:          |
| SPEC.:                                                                         | DIM.:            | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.305*0.056 | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 6675   | 7618    |
| 80                | 5660   | 10322   |
| 75                | 6485   | 13010   |
| 70                | 8656   | 15538   |
| 65                | 12408  | 18059   |
| 60                | 16544  | 20103   |
| 55                | 19494  | 21666   |
| 50                | 20843  | 22738   |
| 45                | 21784  | 23496   |

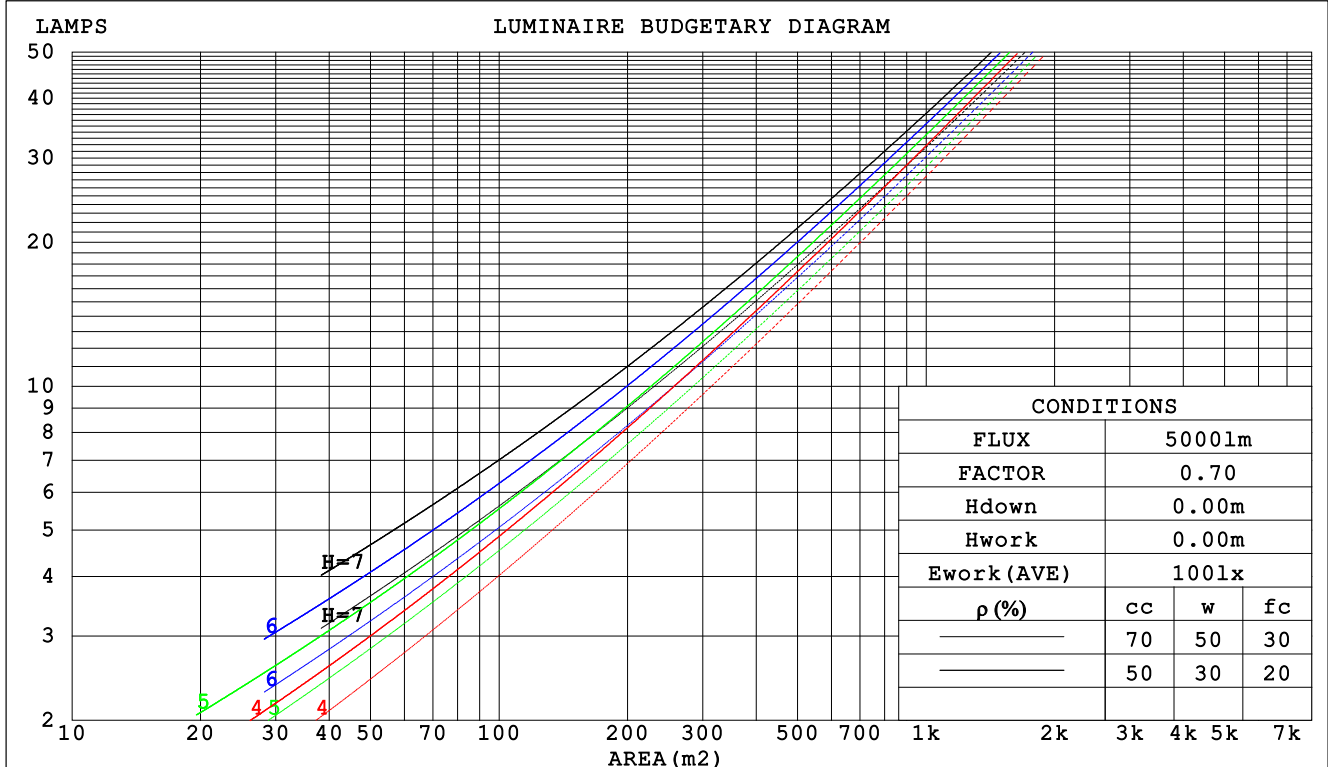
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-01-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                |                  |                  |
|--------------------------------------------------------------------------------|------------------|------------------|
| Test:U:120.4V I:0.0850A P:10.20W PF:0.9970 Freq:60.00Hz Lamp Flux:1160.54x1 lm |                  |                  |
| NAME: 1FT PC罩                                                                  | TYPE:3000K       | WEIGHT:          |
| SPEC.:                                                                         | DIM.:            | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.305*0.056 | 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                   | Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| RCR:Room Cavity Ratio |                                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| 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                   | 1.05                            | 1.00 | .97  | 1.02 | .98  | .95  | .98  | .95  | .92  | .94  | .91  | .89  | .90  | .88  | .86  | .84 |
| 2.0                   | .92                             | .85  | .80  | .90  | .84  | .79  | .86  | .81  | .77  | .83  | .78  | .75  | .80  | .76  | .73  | .71 |
| 3.0                   | .81                             | .73  | .67  | .79  | .72  | .66  | .76  | .70  | .65  | .73  | .68  | .63  | .71  | .66  | .62  | .60 |
| 4.0                   | .72                             | .63  | .57  | .70  | .62  | .56  | .68  | .61  | .55  | .65  | .59  | .54  | .63  | .58  | .54  | .51 |
| 5.0                   | .64                             | .55  | .49  | .63  | .55  | .49  | .61  | .54  | .48  | .59  | .52  | .47  | .57  | .51  | .47  | .45 |
| 6.0                   | .58                             | .49  | .43  | .57  | .49  | .42  | .55  | .48  | .42  | .53  | .47  | .42  | .52  | .46  | .41  | .39 |
| 7.0                   | .52                             | .44  | .38  | .52  | .43  | .38  | .50  | .43  | .37  | .48  | .42  | .37  | .47  | .41  | .37  | .35 |
| 8.0                   | .48                             | .39  | .34  | .47  | .39  | .34  | .46  | .38  | .33  | .44  | .38  | .33  | .43  | .37  | .33  | .31 |
| 9.0                   | .44                             | .36  | .30  | .43  | .36  | .30  | .42  | .35  | .30  | .41  | .34  | .30  | .40  | .34  | .30  | .28 |
| 10.0                  | .41                             | .33  | .27  | .40  | .32  | .27  | .39  | .32  | .27  | .38  | .32  | .27  | .37  | .31  | .27  | .25 |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-01-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

## WEC AND CCEC

|                                                                                |                  |                  |
|--------------------------------------------------------------------------------|------------------|------------------|
| Test:U:120.4V I:0.0850A P:10.20W PF:0.9970 Freq:60.00Hz Lamp Flux:1160.54x1 lm |                  |                  |
| NAME: 1FT PC罩                                                                  | TYPE:3000K       | WEIGHT:          |
| SPEC.:                                                                         | DIM.:            | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.305*0.056 | 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  | .293                  | .167 | .053 | .286 | .163 | .052 | .272                             | .156 | .050 | .260 | .150 | .048 | .248 | .144 | .046 |   |  |
| 2.0  | .278                  | .153 | .047 | .272 | .150 | .046 | .260                             | .145 | .045 | .249 | .140 | .044 | .239 | .135 | .043 |   |  |
| 3.0  | .260                  | .138 | .041 | .254 | .136 | .041 | .243                             | .132 | .040 | .234 | .128 | .039 | .224 | .124 | .038 |   |  |
| 4.0  | .241                  | .125 | .037 | .236 | .124 | .037 | .227                             | .120 | .036 | .218 | .117 | .035 | .210 | .114 | .035 |   |  |
| 5.0  | .224                  | .114 | .033 | .220 | .113 | .033 | .211                             | .110 | .032 | .203 | .107 | .032 | .196 | .105 | .031 |   |  |
| 6.0  | .209                  | .105 | .030 | .205 | .103 | .030 | .197                             | .101 | .029 | .190 | .099 | .029 | .184 | .097 | .029 |   |  |
| 7.0  | .195                  | .096 | .027 | .191 | .095 | .027 | .185                             | .093 | .027 | .178 | .091 | .027 | .172 | .090 | .026 |   |  |
| 8.0  | .182                  | .089 | .025 | .179 | .088 | .025 | .173                             | .087 | .025 | .168 | .085 | .024 | .162 | .083 | .024 |   |  |
| 9.0  | .171                  | .083 | .023 | .168 | .082 | .023 | .163                             | .081 | .023 | .158 | .079 | .023 | .153 | .078 | .022 |   |  |
| 10.0 | .161                  | .077 | .021 | .159 | .077 | .021 | .154                             | .075 | .021 | .149 | .074 | .021 | .145 | .073 | .021 |   |  |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                                        |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                                        |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0  | .197                  | .197 | .197 | .168 | .168 | .168 | .115                                       | .115 | .115 | .066 | .066 | .066 | .021 | .021 | .021 |   |
| 1.0  | .186                  | .163 | .142 | .159 | .140 | .122 | .109                                       | .096 | .085 | .062 | .056 | .049 | .020 | .018 | .016 |   |
| 2.0  | .177                  | .138 | .106 | .151 | .119 | .092 | .104                                       | .082 | .064 | .060 | .048 | .037 | .019 | .016 | .012 |   |
| 3.0  | .169                  | .121 | .082 | .145 | .104 | .071 | .099                                       | .072 | .050 | .057 | .042 | .029 | .018 | .014 | .010 |   |
| 4.0  | .161                  | .107 | .066 | .138 | .093 | .057 | .095                                       | .065 | .040 | .055 | .038 | .024 | .018 | .012 | .008 |   |
| 5.0  | .154                  | .097 | .055 | .132 | .084 | .047 | .091                                       | .059 | .034 | .053 | .034 | .020 | .017 | .011 | .007 |   |
| 6.0  | .147                  | .088 | .046 | .126 | .077 | .040 | .087                                       | .054 | .029 | .051 | .032 | .017 | .016 | .010 | .006 |   |
| 7.0  | .140                  | .082 | .040 | .121 | .071 | .035 | .083                                       | .050 | .025 | .048 | .029 | .015 | .016 | .010 | .005 |   |
| 8.0  | .134                  | .076 | .036 | .115 | .066 | .031 | .080                                       | .046 | .022 | .046 | .027 | .013 | .015 | .009 | .004 |   |
| 9.0  | .128                  | .071 | .032 | .110 | .061 | .028 | .077                                       | .043 | .020 | .045 | .026 | .012 | .014 | .008 | .004 |   |
| 10.0 | .123                  | .067 | .029 | .106 | .058 | .026 | .073                                       | .041 | .018 | .043 | .024 | .011 | .014 | .008 | .004 |   |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-01-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

|                                                                                |                  |      |      |      |                  |                |      |                  |      |      |
|--------------------------------------------------------------------------------|------------------|------|------|------|------------------|----------------|------|------------------|------|------|
| Test:U:120.4V I:0.0850A P:10.20W PF:0.9970 Freq:60.00Hz Lamp Flux:1160.54x1 lm |                  |      |      |      |                  |                |      |                  |      |      |
| NAME: 1FT PC罩                                                                  |                  |      |      |      | TYPE:3000K       |                |      | WEIGHT:          |      |      |
| SPEC.:                                                                         |                  |      |      |      | DIM.:            |                |      | SERIAL No.:      |      |      |
| MFR.: EVERFINE                                                                 |                  |      |      |      | SUR.:0.305*0.056 |                |      | 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                                                                  | 22.6             | 24.1 | 22.9 | 24.3 | 24.5             | 23.2           | 24.7 | 23.5             | 24.9 | 25.1 |
| 3H                                                                             | 23.2             | 24.6 | 23.5 | 24.8 | 25.1             | 24.3           | 25.7 | 24.6             | 25.9 | 26.2 |
| 4H                                                                             | 23.3             | 24.6 | 23.7 | 24.9 | 25.2             | 24.7           | 26.0 | 25.0             | 26.2 | 26.5 |
| 6H                                                                             | 23.4             | 24.6 | 23.7 | 24.9 | 25.2             | 24.9           | 26.1 | 25.3             | 26.4 | 26.7 |
| 8H                                                                             | 23.4             | 24.6 | 23.7 | 24.9 | 25.2             | 25.0           | 26.1 | 25.3             | 26.4 | 26.7 |
| 12H                                                                            | 23.4             | 24.5 | 23.8 | 24.8 | 25.2             | 25.0           | 26.1 | 25.3             | 26.4 | 26.7 |
| 4H 2H                                                                          | 23.1             | 24.4 | 23.4 | 24.6 | 24.9             | 23.6           | 24.9 | 23.9             | 25.1 | 25.4 |
| 3H                                                                             | 23.9             | 25.0 | 24.2 | 25.3 | 25.6             | 24.8           | 26.0 | 25.2             | 26.3 | 26.6 |
| 4H                                                                             | 24.1             | 25.1 | 24.4 | 25.4 | 25.8             | 25.3           | 26.3 | 25.7             | 26.7 | 27.0 |
| 6H                                                                             | 24.2             | 25.1 | 24.6 | 25.5 | 25.8             | 25.6           | 26.5 | 26.0             | 26.9 | 27.3 |
| 8H                                                                             | 24.2             | 25.1 | 24.7 | 25.5 | 25.9             | 25.7           | 26.5 | 26.1             | 26.9 | 27.3 |
| 12H                                                                            | 24.3             | 25.0 | 24.7 | 25.4 | 25.9             | 25.7           | 26.5 | 26.2             | 26.9 | 27.3 |
| 8H 4H                                                                          | 24.2             | 25.0 | 24.6 | 25.4 | 25.8             | 25.4           | 26.2 | 25.8             | 26.6 | 27.0 |
| 6H                                                                             | 24.4             | 25.1 | 24.9 | 25.5 | 26.0             | 25.8           | 26.5 | 26.2             | 26.9 | 27.3 |
| 8H                                                                             | 24.5             | 25.2 | 25.0 | 25.6 | 26.1             | 25.9           | 26.5 | 26.4             | 27.0 | 27.4 |
| 12H                                                                            | 24.6             | 25.2 | 25.1 | 25.6 | 26.1             | 26.0           | 26.5 | 26.5             | 27.0 | 27.5 |
| 12H 4H                                                                         | 24.2             | 25.0 | 24.6 | 25.4 | 25.8             | 25.3           | 26.1 | 25.8             | 26.5 | 26.9 |
| 6H                                                                             | 24.5             | 25.1 | 24.9 | 25.5 | 26.0             | 25.8           | 26.4 | 26.2             | 26.8 | 27.3 |
| 8H                                                                             | 24.6             | 25.1 | 25.1 | 25.6 | 26.1             | 25.9           | 26.5 | 26.4             | 26.9 | 27.4 |
| Variations with the observer position at spacings:                             |                  |      |      |      |                  |                |      |                  |      |      |
| S = 1.0H                                                                       | + 0.3 / - 0.4    |      |      |      |                  | + 0.2 / - 0.3  |      |                  |      |      |
| 1.5H                                                                           | + 0.3 / - 0.6    |      |      |      |                  | + 0.2 / - 0.3  |      |                  |      |      |
| 2.0H                                                                           | + 0.6 / - 0.6    |      |      |      |                  | + 0.5 / - 0.5  |      |                  |      |      |

CIE Pub.117 Corrected 1161 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.5)

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-01-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                |                  |                  |
|--------------------------------------------------------------------------------|------------------|------------------|
| Test:U:120.4V I:0.0850A P:10.20W PF:0.9970 Freq:60.00Hz Lamp Flux:1160.54x1 lm |                  |                  |
| NAME: 1FT PC罩                                                                  | TYPE:3000K       | WEIGHT:          |
| SPEC.:                                                                         | DIM.:            | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.305*0.056 | Shielding Angle: |

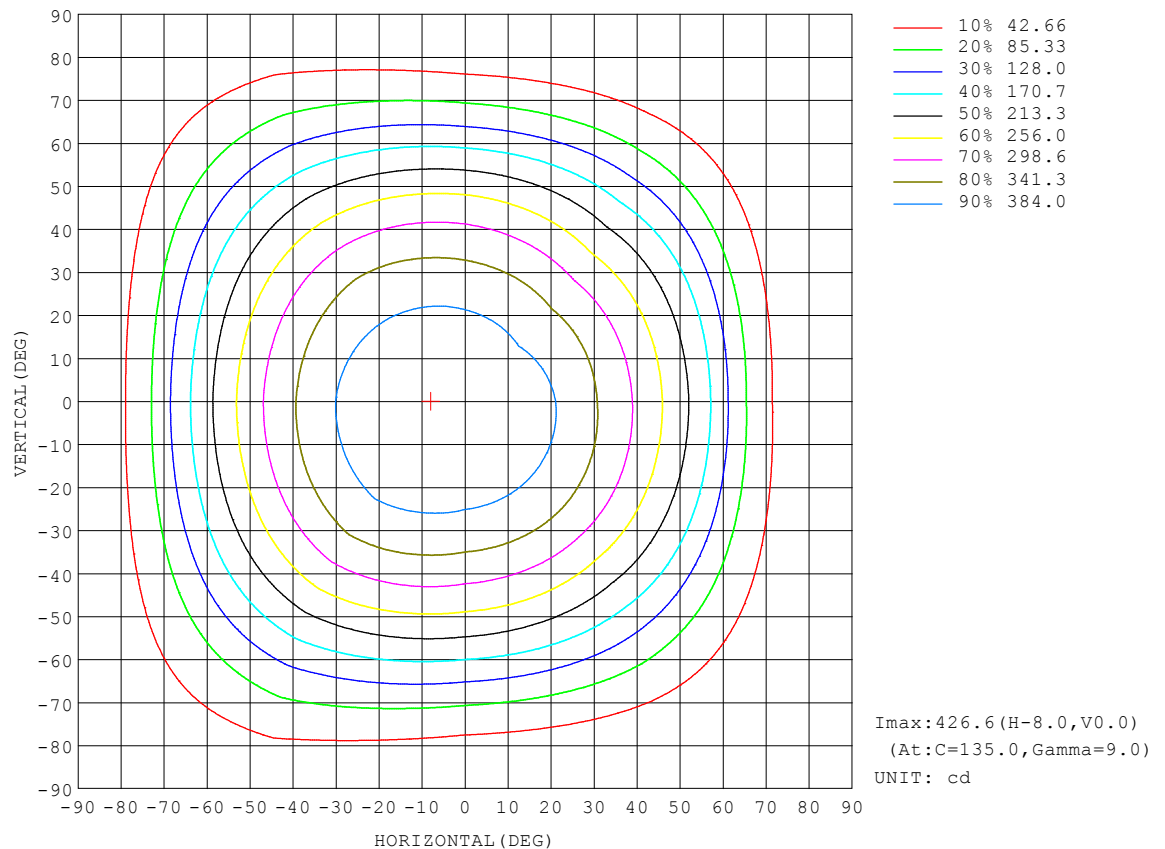
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 58                                                   | 47  | 40        | 58  | 47  | 40  | 57  | 46            | 40  | 34     |
| 0.80                             | 69                                                   | 57  | 50        | 68  | 57  | 50  | 66  | 56            | 50  | 43     |
| 1.00                             | 77                                                   | 67  | 59        | 76  | 66  | 59  | 74  | 67            | 59  | 52     |
| 1.25                             | 84                                                   | 74  | 67        | 83  | 74  | 67  | 80  | 72            | 66  | 59     |
| 1.50                             | 89                                                   | 80  | 73        | 88  | 79  | 73  | 85  | 77            | 71  | 64     |
| 2.00                             | 96                                                   | 88  | 82        | 94  | 87  | 81  | 91  | 84            | 79  | 72     |
| 2.50                             | 100                                                  | 92  | 86        | 98  | 91  | 86  | 94  | 88            | 84  | 75     |
| 3.00                             | 103                                                  | 96  | 91        | 101 | 95  | 90  | 97  | 92            | 88  | 79     |
| 4.00                             | 107                                                  | 101 | 97        | 104 | 99  | 95  | 100 | 96            | 93  | 84     |
| 5.00                             | 109                                                  | 104 | 100       | 107 | 102 | 99  | 102 | 99            | 96  | 86     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-01-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

|                                                                                |                  |                  |
|--------------------------------------------------------------------------------|------------------|------------------|
| Test:U:120.4V I:0.0850A P:10.20W PF:0.9970 Freq:60.00Hz Lamp Flux:1160.54x1 lm |                  |                  |
| NAME: 1FT PC罩                                                                  | TYPE:3000K       | WEIGHT:          |
| SPEC.:                                                                         | DIM.:            | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.305*0.056 | Shielding Angle: |

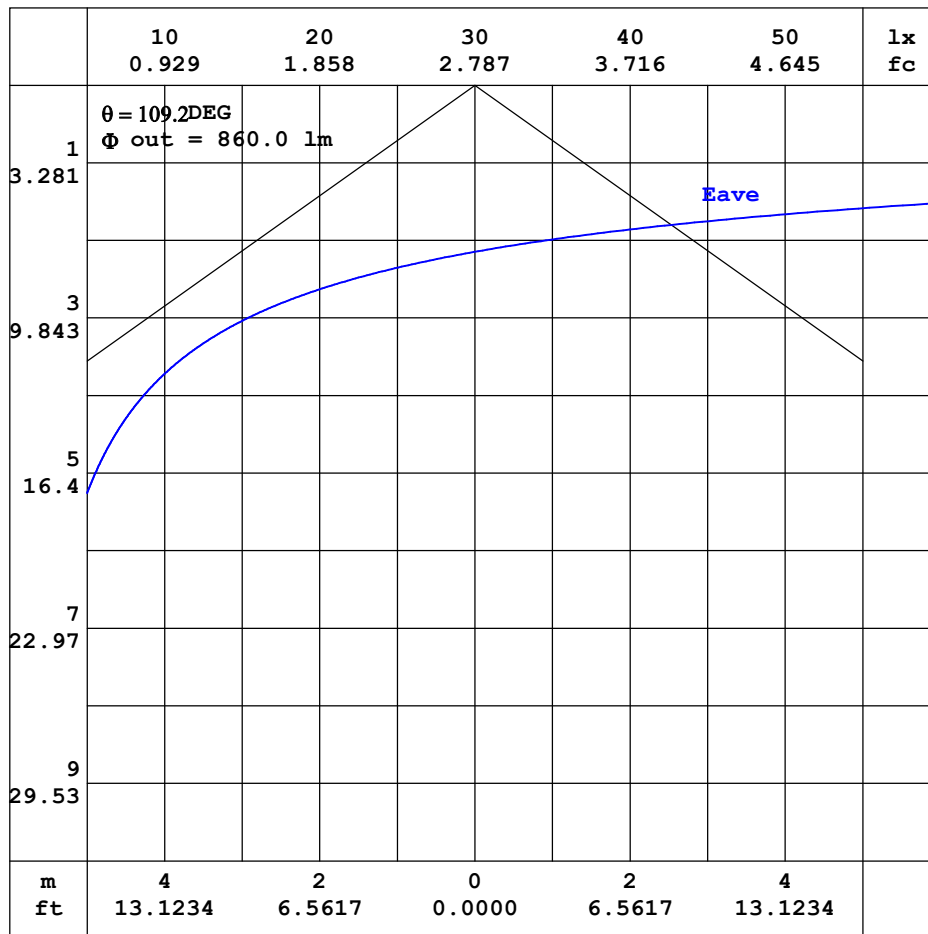


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-01-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

## AAI CURVES

|                                                                                |                  |                  |
|--------------------------------------------------------------------------------|------------------|------------------|
| Test:U:120.4V I:0.0850A P:10.20W PF:0.9970 Freq:60.00Hz Lamp Flux:1160.54x1 lm |                  |                  |
| NAME: 1FT PC罩                                                                  | TYPE:3000K       | WEIGHT:          |
| SPEC.:                                                                         | DIM.:            | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.305*0.056 | Shielding Angle: |



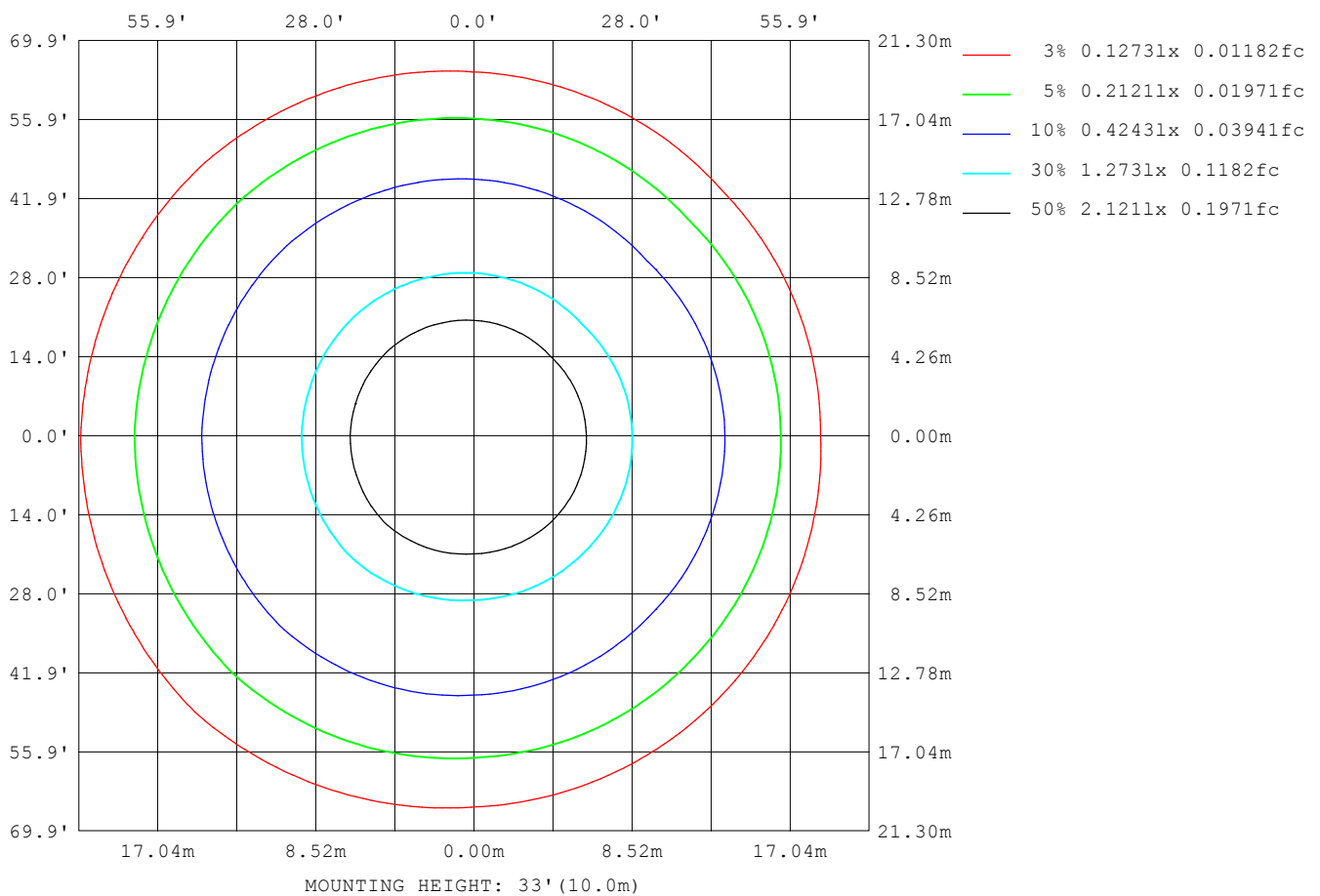
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2025-01-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
 Humidity: 65.0%  
 Test Distance: 7.540m [K=1.0000]  
 Remarks:

## ISOLUX DIAGRAM

|                                                                                |                  |                  |
|--------------------------------------------------------------------------------|------------------|------------------|
| Test:U:120.4V I:0.0850A P:10.20W PF:0.9970 Freq:60.00Hz Lamp Flux:1160.54x1 lm |                  |                  |
| NAME: 1FT PC罩                                                                  | TYPE:3000K       | WEIGHT:          |
| SPEC.:                                                                         | DIM.:            | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.305*0.056 | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-01-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

## LED Avg.L Report

|                                                                                |                  |                  |
|--------------------------------------------------------------------------------|------------------|------------------|
| Test:U:120.4V I:0.0850A P:10.20W PF:0.9970 Freq:60.00Hz Lamp Flux:1160.54x1 lm |                  |                  |
| NAME: 1FT PC罩                                                                  | TYPE:3000K       | WEIGHT:          |
| SPEC.:                                                                         | DIM.:            | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.305*0.056 | Shielding Angle: |

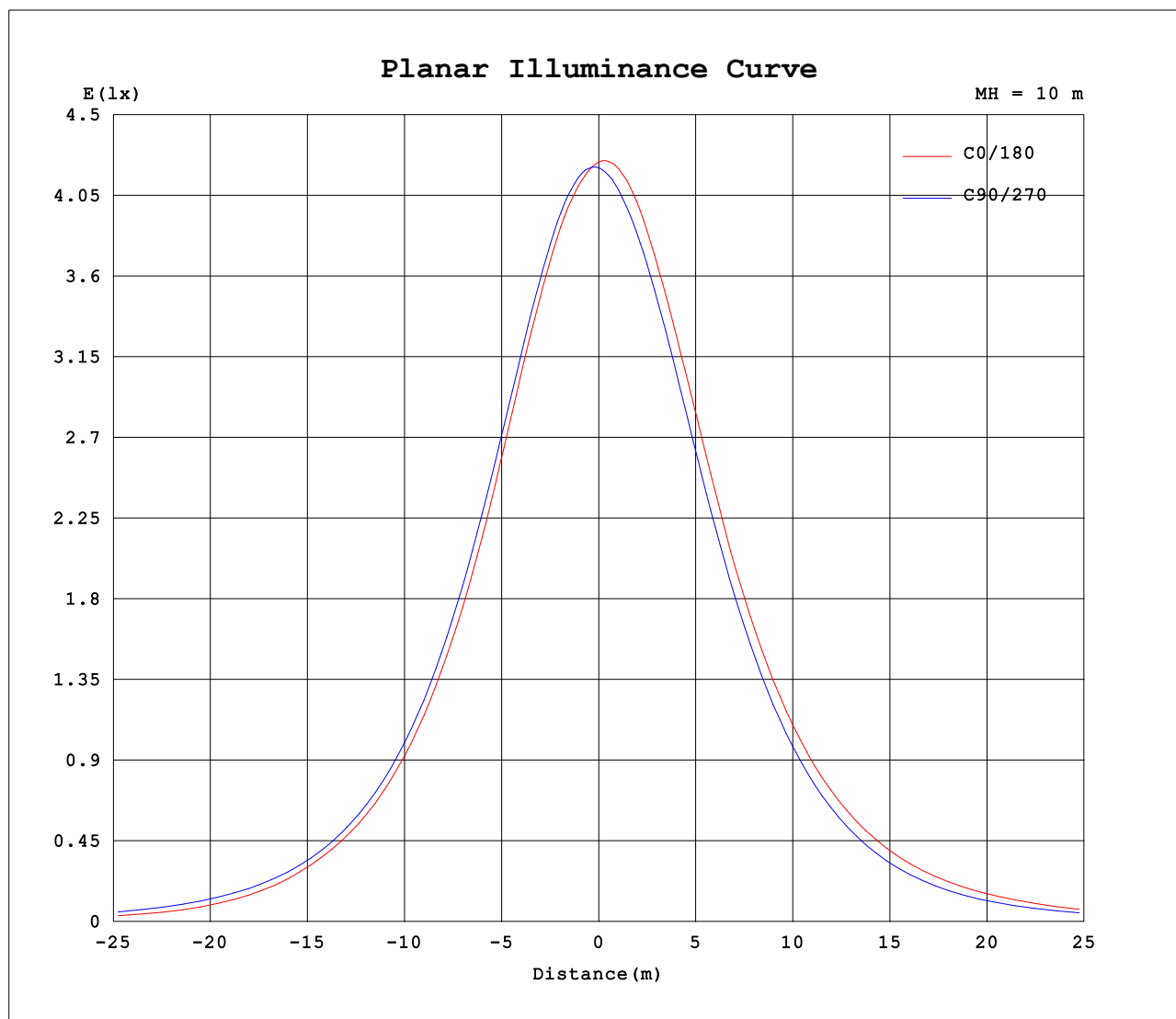
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 17338 |
| L_0~180 (75) av  | 10871 |
| L_0~180 (85) av  | 10591 |
| L_90~270 (65) av | 17333 |
| L_90~270 (75) av | 12039 |
| L_90~270 (85) av | 6012  |
| L_45 (65) av     | 18097 |
| L_45 (75) av     | 13287 |
| L_45 (85) av     | 12461 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-01-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2025-01-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity: 65.0%  
Test Distance: 7.540m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |                  |                  |
|--------------------------------------------------------------------------------|------------------|------------------|
| Test:U:120.4V I:0.0850A P:10.20W PF:0.9970 Freq:60.00Hz Lamp Flux:1160.54x1 lm |                  |                  |
| NAME: 1FT PC罩                                                                  | TYPE:3000K       | WEIGHT:          |
| SPEC.:                                                                         | DIM.:            | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.305*0.056 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 45   | 90   | 135  | 180  | 225  | 270  | 315  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0                  | 421  | 421  | 421  | 421  | 421  | 421  | 421  | 421  |  |  |  |  |  |  |  |  |  |  |
| 5                  | 416  | 419  | 423  | 426  | 424  | 420  | 416  | 415  |  |  |  |  |  |  |  |  |  |  |
| 10                 | 409  | 414  | 420  | 427  | 423  | 417  | 409  | 406  |  |  |  |  |  |  |  |  |  |  |
| 15                 | 399  | 405  | 412  | 423  | 418  | 410  | 400  | 394  |  |  |  |  |  |  |  |  |  |  |
| 20                 | 385  | 392  | 401  | 415  | 410  | 399  | 388  | 380  |  |  |  |  |  |  |  |  |  |  |
| 25                 | 367  | 376  | 385  | 404  | 399  | 386  | 373  | 362  |  |  |  |  |  |  |  |  |  |  |
| 30                 | 343  | 355  | 366  | 388  | 382  | 370  | 354  | 340  |  |  |  |  |  |  |  |  |  |  |
| 35                 | 318  | 330  | 342  | 369  | 360  | 351  | 332  | 313  |  |  |  |  |  |  |  |  |  |  |
| 40                 | 291  | 299  | 314  | 345  | 336  | 326  | 306  | 283  |  |  |  |  |  |  |  |  |  |  |
| 45                 | 260  | 265  | 283  | 314  | 309  | 297  | 277  | 252  |  |  |  |  |  |  |  |  |  |  |
| 50                 | 226  | 229  | 249  | 280  | 277  | 264  | 242  | 217  |  |  |  |  |  |  |  |  |  |  |
| 55                 | 189  | 192  | 212  | 243  | 241  | 228  | 203  | 180  |  |  |  |  |  |  |  |  |  |  |
| 60                 | 140  | 153  | 171  | 203  | 202  | 188  | 162  | 140  |  |  |  |  |  |  |  |  |  |  |
| 65                 | 88.6 | 113  | 130  | 162  | 160  | 146  | 119  | 98.5 |  |  |  |  |  |  |  |  |  |  |
| 70                 | 50.0 | 74.7 | 90.5 | 120  | 113  | 106  | 80.8 | 61.4 |  |  |  |  |  |  |  |  |  |  |
| 75                 | 28.4 | 44.4 | 57.3 | 83.4 | 67.3 | 70.9 | 48.6 | 35.1 |  |  |  |  |  |  |  |  |  |  |
| 80                 | 16.6 | 24.6 | 30.5 | 51.4 | 37.5 | 42.2 | 23.8 | 19.2 |  |  |  |  |  |  |  |  |  |  |
| 85                 | 9.83 | 12.3 | 11.3 | 29.1 | 21.6 | 23.1 | 6.51 | 9.36 |  |  |  |  |  |  |  |  |  |  |
| 90                 | 5.44 | 4.98 | 0.50 | 15.3 | 12.7 | 11.4 | 0.01 | 3.84 |  |  |  |  |  |  |  |  |  |  |
| 95                 | 3.05 | 2.06 | 0.06 | 7.09 | 7.40 | 4.69 | 0.02 | 1.97 |  |  |  |  |  |  |  |  |  |  |
| 100                | 2.12 | 1.67 | 0.09 | 3.15 | 4.20 | 2.37 | 0.05 | 1.70 |  |  |  |  |  |  |  |  |  |  |
| 105                | 1.84 | 1.50 | 0.11 | 2.25 | 2.74 | 2.05 | 0.08 | 1.52 |  |  |  |  |  |  |  |  |  |  |
| 110                | 1.64 | 1.36 | 0.15 | 2.03 | 2.19 | 1.85 | 0.12 | 1.37 |  |  |  |  |  |  |  |  |  |  |
| 115                | 1.47 | 1.23 | 0.19 | 1.84 | 2.01 | 1.66 | 0.15 | 1.24 |  |  |  |  |  |  |  |  |  |  |
| 120                | 1.34 | 1.12 | 0.26 | 1.64 | 1.76 | 1.49 | 0.19 | 1.12 |  |  |  |  |  |  |  |  |  |  |
| 125                | 1.23 | 0.99 | 0.34 | 1.48 | 1.33 | 1.34 | 0.27 | 0.94 |  |  |  |  |  |  |  |  |  |  |
| 130                | 1.13 | 0.89 | 0.43 | 1.33 | 1.10 | 1.18 | 0.37 | 0.84 |  |  |  |  |  |  |  |  |  |  |
| 135                | 1.02 | 0.84 | 0.53 | 1.21 | 1.02 | 1.10 | 0.44 | 0.78 |  |  |  |  |  |  |  |  |  |  |
| 140                | 0.92 | 0.81 | 0.62 | 1.05 | 0.96 | 1.02 | 0.52 | 0.75 |  |  |  |  |  |  |  |  |  |  |
| 145                | 0.89 | 0.78 | 0.66 | 0.94 | 0.96 | 0.94 | 0.56 | 0.73 |  |  |  |  |  |  |  |  |  |  |
| 150                | 0.87 | 0.80 | 0.69 | 0.91 | 0.94 | 0.88 | 0.60 | 0.76 |  |  |  |  |  |  |  |  |  |  |
| 155                | 0.88 | 0.82 | 0.69 | 0.92 | 0.94 | 0.93 | 0.64 | 0.82 |  |  |  |  |  |  |  |  |  |  |
| 160                | 0.91 | 0.84 | 0.69 | 1.00 | 0.99 | 1.04 | 0.65 | 0.86 |  |  |  |  |  |  |  |  |  |  |
| 165                | 0.95 | 0.68 | 0.68 | 1.06 | 1.09 | 1.07 | 0.65 | 0.68 |  |  |  |  |  |  |  |  |  |  |
| 170                | 0.83 | 0.60 | 0.67 | 1.04 | 0.80 | 0.96 | 0.64 | 0.56 |  |  |  |  |  |  |  |  |  |  |
| 175                | 0.56 | 0.51 | 0.65 | 0.90 | 0.66 | 0.80 | 0.65 | 0.47 |  |  |  |  |  |  |  |  |  |  |
| 180                | 0.47 | 0.60 | 0.72 | 0.76 | 0.47 | 0.60 | 0.72 | 0.74 |  |  |  |  |  |  |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-01-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:7.540m [K=1.0000]  
Remarks: