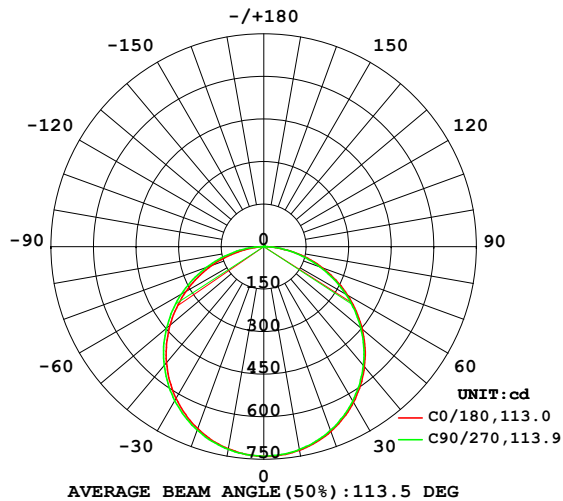


## LUMINAIRE PHOTOMETRIC TEST REPORT

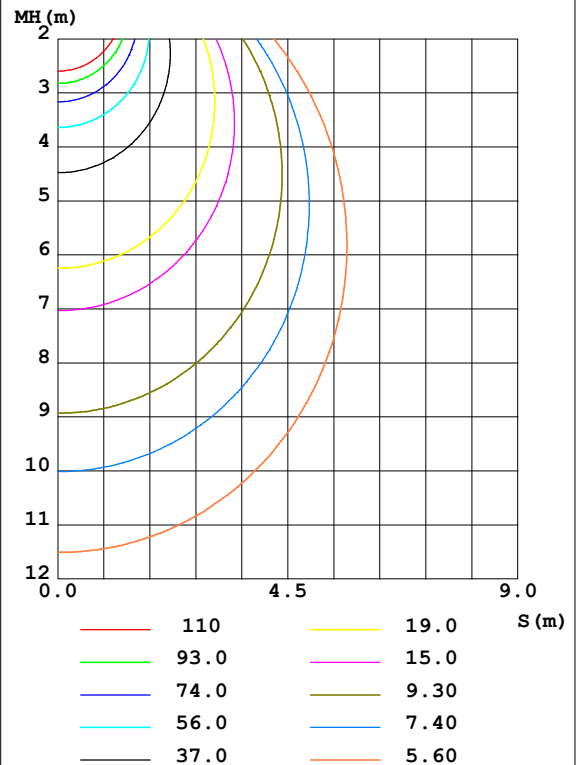
|                                                                                |                 |                  |
|--------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:119.6V I:0.2230A P:26.70W PF:0.9960 Freq:60.00Hz Lamp Flux:2147.29x1 lm |                 |                  |
| NAME: 2FT                                                                      | TYPE:4000K 0.10 | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.6*0.05   | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 80.42 lm/W |        |                   |          |
|------------------|---------|----------------------------------|--------|-------------------|----------|
| MODEL            |         | I <sub>max</sub> (cd)            | 740.0  | S/MH(C0/180)      | 1.27     |
| NOMINAL POWER(W) | 25W     | LOR(%)                           | 100.0  | S/MH(C90/270)     | 1.26     |
| RATED VOLTAGE(V) | 120.0   | TOTAL FLUX(lm)                   | 2147.3 | η UP,DN(C0-180)   | 0.2,50.5 |
| NOMINAL FLUX(lm) | 2147.29 | CIE CLASS                        | DIRECT | η UP,DN(C180-360) | 0.1,49.2 |
| LAMPS INSIDE     | 1       | η up(%)                          | 0.2    | CIBSE SHR NOM     | 1.25     |
| TEST VOLTAGE(V)  | 120.0   | η down(%)                        | 99.8   | 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: 2025-04-02

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:

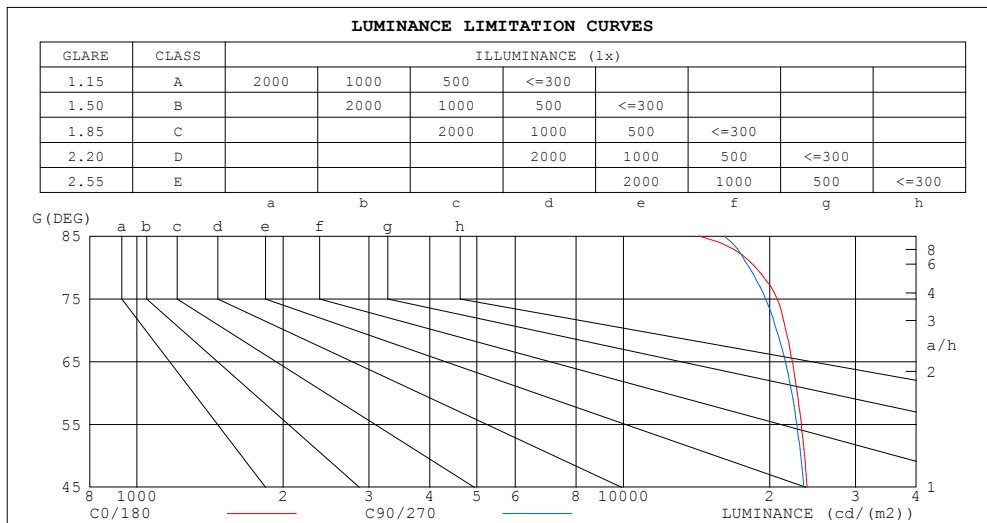
| $\gamma$ | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10       | 728.7                 | 728.5  | 725.6  | 727.6  | 723.5  | 725.0  | 724.9  | 725.5  | 0- 10    | 69.95       | 69.95        | 3.26,3.26  |
| 20       | 693.2                 | 692.0  | 688.1  | 690.9  | 682.4  | 685.5  | 688.3  | 686.0  | 10- 20   | 200.5       | 270.5        | 12.6,12.6  |
| 30       | 633.2                 | 632.5  | 628.4  | 630.8  | 618.1  | 623.4  | 627.8  | 624.6  | 20- 30   | 304.5       | 575.0        | 26.8,26.8  |
| 40       | 552.4                 | 551.5  | 546.3  | 549.6  | 534.0  | 540.2  | 546.2  | 541.1  | 30- 40   | 368.2       | 943.2        | 43.9,43.9  |
| 50       | 453.5                 | 452.4  | 446.5  | 449.5  | 431.6  | 439.4  | 447.6  | 441.3  | 40- 50   | 383.4       | 1327         | 61.8,61.8  |
| 60       | 340.8                 | 338.6  | 332.9  | 335.6  | 317.4  | 325.7  | 336.2  | 327.8  | 50- 60   | 348.3       | 1675         | 78,78      |
| 70       | 220.8                 | 217.8  | 211.8  | 214.7  | 196.0  | 205.1  | 216.4  | 207.1  | 60- 70   | 269.0       | 1944         | 90.5,90.5  |
| 80       | 97.21                 | 97.18  | 94.60  | 92.61  | 69.35  | 85.75  | 97.36  | 87.48  | 70- 80   | 158.9       | 2103         | 97.9,97.9  |
| 90       | 0.3223                | 0.3200 | 0.3747 | 0.3133 | 0.0749 | 0.0704 | 0.0775 | 0.0633 | 80- 90   | 39.24       | 2142         | 99.8,99.8  |
| 100      | 0.5166                | 0.5381 | 0.5590 | 0.5391 | 0.1426 | 0.1357 | 0.1453 | 0.1455 | 90-100   | 0.2849      | 2142         | 99.8,99.8  |
| 110      | 0.7775                | 0.8023 | 0.8253 | 0.8085 | 0.2466 | 0.2470 | 0.2569 | 0.2500 | 100-110  | 0.4566      | 2143         | 99.8,99.8  |
| 120      | 1.046                 | 1.076  | 1.101  | 1.076  | 0.3987 | 0.3973 | 0.4262 | 0.4053 | 110-120  | 0.6293      | 2143         | 99.8,99.8  |
| 130      | 1.292                 | 1.309  | 1.339  | 1.316  | 0.5631 | 0.5668 | 0.5935 | 0.5775 | 120-130  | 0.7530      | 2144         | 99.9,99.9  |
| 140      | 1.507                 | 1.510  | 1.540  | 1.522  | 0.7394 | 0.7438 | 0.7822 | 0.7644 | 130-140  | 0.8079      | 2145         | 99.9,99.9  |
| 150      | 1.681                 | 1.689  | 1.663  | 1.704  | 1.320  | 1.344  | 1.349  | 1.318  | 140-150  | 0.7984      | 2146         | 99.9,99.9  |
| 160      | 1.843                 | 1.847  | 1.799  | 1.867  | 1.609  | 1.626  | 1.615  | 1.585  | 150-160  | 0.7495      | 2147         | 100,100    |
| 170      | 1.932                 | 1.924  | 1.881  | 1.918  | 1.802  | 1.812  | 1.794  | 1.770  | 160-170  | 0.5077      | 2147         | 100,100    |
| 180      | 1.870                 | 1.861  | 1.833  | 1.821  | 1.862  | 1.868  | 1.845  | 1.821  | 170-180  | 0.1777      | 2147         | 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:2025-04-02

$\gamma$  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:119.6V I:0.2230A P:26.70W PF:0.9960 Freq:60.00Hz Lamp Flux:2147.29x1 lm |                 |                  |
| NAME: 2FT                                                                      | TYPE:4000K 0.10 | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.6*0.05   | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 14307  | 16100   |
| 80                | 18710  | 18165   |
| 75                | 20703  | 19613   |
| 70                | 21576  | 20649   |
| 65                | 22260  | 21527   |
| 60                | 22780  | 22200   |
| 55                | 23220  | 22742   |
| 50                | 23580  | 23162   |
| 45                | 23866  | 23485   |

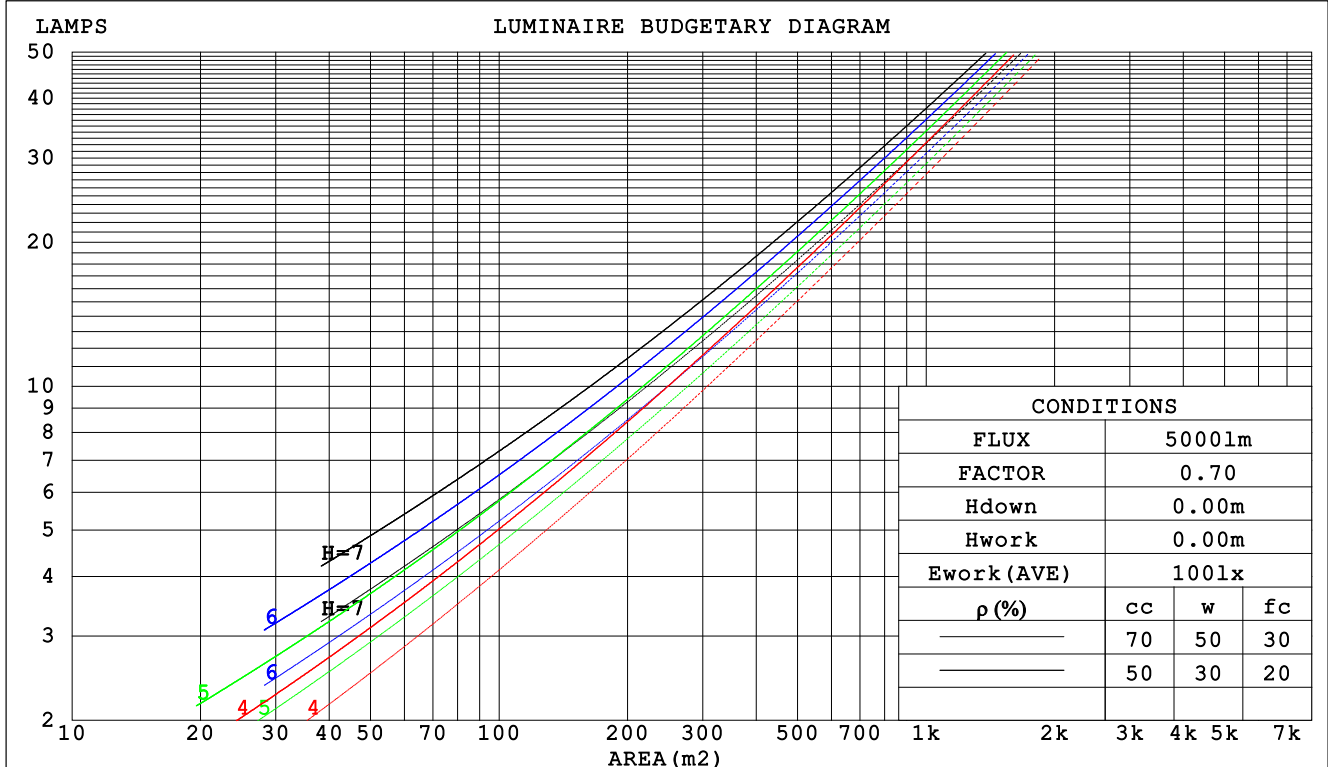
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-04-02

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:119.6V I:0.2230A P:26.70W PF:0.9960 Freq:60.00Hz Lamp Flux:2147.29x1 lm |                 |                  |
| NAME: 2FT                                                                      | TYPE:4000K 0.10 | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.6*0.05   | 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 |      |      |      |      |      | 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 | .00 |
| 1.0         | 1.04                  | .99  | .95  | 1.01 | .97  | .94  | .97                             | .94  | .91  | .93  | .90  | .88  | .89  | .87  | .85  | .83 |
| 2.0         | .90                   | .83  | .77  | .88  | .82  | .76  | .85                             | .79  | .75  | .81  | .77  | .73  | .78  | .75  | .71  | .69 |
| 3.0         | .79                   | .71  | .64  | .77  | .70  | .64  | .74                             | .68  | .62  | .72  | .66  | .61  | .69  | .64  | .60  | .58 |
| 4.0         | .70                   | .61  | .54  | .69  | .60  | .54  | .66                             | .59  | .53  | .64  | .57  | .52  | .61  | .56  | .52  | .49 |
| 5.0         | .62                   | .53  | .47  | .61  | .53  | .46  | .59                             | .52  | .46  | .57  | .50  | .45  | .55  | .49  | .45  | .43 |
| 6.0         | .56                   | .47  | .41  | .55  | .47  | .40  | .53                             | .46  | .40  | .52  | .45  | .40  | .50  | .44  | .39  | .37 |
| 7.0         | .51                   | .42  | .36  | .50  | .42  | .36  | .48                             | .41  | .35  | .47  | .40  | .35  | .46  | .39  | .35  | .33 |
| 8.0         | .46                   | .38  | .32  | .46  | .37  | .32  | .44                             | .37  | .32  | .43  | .36  | .31  | .42  | .36  | .31  | .29 |
| 9.0         | .43                   | .34  | .29  | .42  | .34  | .29  | .41                             | .33  | .28  | .40  | .33  | .28  | .39  | .33  | .28  | .26 |
| 10.0        | .39                   | .31  | .26  | .39  | .31  | .26  | .38                             | .31  | .26  | .37  | .30  | .26  | .36  | .30  | .25  | .24 |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-04-02

$\gamma$  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:119.6V I:0.2230A P:26.70W PF:0.9960 Freq:60.00Hz Lamp Flux:2147.29x1 lm |  |  |                 |  |                  |
| NAME: 2FT                                                                      |  |  | TYPE:4000K 0.10 |  | WEIGHT:          |
| SPEC.:                                                                         |  |  | DIM.:           |  | SERIAL No.:      |
| MFR.: EVERFINE                                                                 |  |  | SUR.:0.6*0.05   |  | 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  | .312                  | .177 | .056 | .305 | .174 | .055 | .291                            | .167 | .053 | .279 | .161 | .052 | .268 | .155 | .050 |   |
| 2.0  | .294                  | .161 | .049 | .288 | .158 | .049 | .276                            | .153 | .048 | .265 | .149 | .046 | .255 | .144 | .045 |   |
| 3.0  | .272                  | .145 | .043 | .266 | .143 | .043 | .256                            | .139 | .042 | .246 | .135 | .041 | .237 | .131 | .041 |   |
| 4.0  | .251                  | .130 | .038 | .246 | .129 | .038 | .236                            | .125 | .037 | .228 | .122 | .037 | .220 | .119 | .036 |   |
| 5.0  | .232                  | .118 | .034 | .227 | .117 | .034 | .219                            | .114 | .034 | .211 | .111 | .033 | .204 | .109 | .033 |   |
| 6.0  | .215                  | .108 | .031 | .211 | .106 | .031 | .203                            | .104 | .030 | .196 | .102 | .030 | .190 | .100 | .030 |   |
| 7.0  | .200                  | .099 | .028 | .196 | .098 | .028 | .190                            | .096 | .028 | .183 | .094 | .027 | .178 | .092 | .027 |   |
| 8.0  | .186                  | .091 | .026 | .183 | .090 | .026 | .177                            | .089 | .025 | .172 | .087 | .025 | .167 | .086 | .025 |   |
| 9.0  | .175                  | .084 | .024 | .172 | .084 | .023 | .167                            | .082 | .023 | .162 | .081 | .023 | .157 | .080 | .023 |   |
| 10.0 | .164                  | .079 | .022 | .162 | .078 | .022 | .157                            | .077 | .022 | .152 | .076 | .022 | .148 | .074 | .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  | .192                  | .192 | .192 | .164 | .164 | .164 | .112                                       | .112 | .112 | .064 | .064 | .064 | .021 | .021 | .021 |   |
| 1.0  | .182                  | .158 | .136 | .156 | .136 | .117 | .107                                       | .093 | .081 | .061 | .054 | .047 | .020 | .017 | .015 |   |
| 2.0  | .174                  | .134 | .100 | .149 | .115 | .086 | .102                                       | .080 | .060 | .059 | .046 | .035 | .019 | .015 | .011 |   |
| 3.0  | .167                  | .116 | .076 | .143 | .100 | .066 | .098                                       | .070 | .046 | .057 | .041 | .027 | .018 | .013 | .009 |   |
| 4.0  | .159                  | .103 | .060 | .137 | .089 | .052 | .094                                       | .062 | .037 | .054 | .036 | .022 | .017 | .012 | .007 |   |
| 5.0  | .152                  | .093 | .049 | .130 | .080 | .043 | .090                                       | .056 | .030 | .052 | .033 | .018 | .017 | .011 | .006 |   |
| 6.0  | .144                  | .084 | .041 | .124 | .073 | .036 | .086                                       | .051 | .025 | .050 | .030 | .015 | .016 | .010 | .005 |   |
| 7.0  | .138                  | .077 | .035 | .118 | .067 | .030 | .082                                       | .047 | .022 | .048 | .028 | .013 | .015 | .009 | .004 |   |
| 8.0  | .131                  | .071 | .031 | .113 | .062 | .027 | .078                                       | .044 | .019 | .045 | .026 | .011 | .015 | .008 | .004 |   |
| 9.0  | .125                  | .067 | .027 | .108 | .058 | .024 | .075                                       | .041 | .017 | .043 | .024 | .010 | .014 | .008 | .003 |   |
| 10.0 | .119                  | .062 | .024 | .103 | .054 | .021 | .071                                       | .038 | .015 | .042 | .022 | .009 | .013 | .007 | .003 |   |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-04-02

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:119.6V I:0.2230A P:26.70W PF:0.9960 Freq:60.00Hz Lamp Flux:2147.29x1 lm |                  |      |      |      |                 |                |      |                  |      |      |      |
| NAME: 2FT                                                                      |                  |      |      |      | TYPE:4000K 0.10 |                |      | WEIGHT:          |      |      |      |
| SPEC.:                                                                         |                  |      |      |      | DIM.:           |                |      | SERIAL No.:      |      |      |      |
| MFR.: EVERFINE                                                                 |                  |      |      |      | SUR.:0.6*0.05   |                |      | Shielding Angle: |      |      |      |
| ceiling/cavity                                                                 | 0.7              | 0.7  | 0.5  | 0.5  | 0.3             | 0.7            | 0.7  | 0.5              | 0.5  | 0.3  |      |
| walls                                                                          | 0.5              | 0.3  | 0.5  | 0.3  | 0.3             | 0.5            | 0.3  | 0.5              | 0.3  | 0.3  |      |
| working plane                                                                  | 0.2              | 0.2  | 0.2  | 0.2  | 0.2             | 0.2            | 0.2  | 0.2              | 0.2  | 0.2  |      |
| Room dimensions                                                                | Viewed crosswise |      |      |      |                 | Viewed endwise |      |                  |      |      |      |
| x = 2H y = 2H                                                                  | 2H               | 23.9 | 25.4 | 24.2 | 25.6            | 25.8           | 23.8 | 25.3             | 24.1 | 25.5 | 25.7 |
|                                                                                | 3H               | 25.5 | 26.9 | 25.8 | 27.2            | 27.4           | 25.4 | 26.8             | 25.7 | 27.0 | 27.3 |
|                                                                                | 4H               | 26.2 | 27.5 | 26.5 | 27.8            | 28.1           | 26.0 | 27.4             | 26.3 | 27.6 | 27.9 |
|                                                                                | 6H               | 26.7 | 28.0 | 27.0 | 28.2            | 28.5           | 26.5 | 27.8             | 26.8 | 28.0 | 28.3 |
|                                                                                | 8H               | 26.8 | 28.1 | 27.2 | 28.3            | 28.6           | 26.7 | 27.9             | 27.0 | 28.2 | 28.5 |
|                                                                                | 12H              | 26.9 | 28.1 | 27.3 | 28.4            | 28.7           | 26.8 | 27.9             | 27.1 | 28.2 | 28.5 |
| 4H                                                                             | 2H               | 24.5 | 25.9 | 24.8 | 26.1            | 26.4           | 24.4 | 25.8             | 24.8 | 26.0 | 26.3 |
|                                                                                | 3H               | 26.3 | 27.5 | 26.7 | 27.8            | 28.1           | 26.2 | 27.4             | 26.6 | 27.7 | 28.0 |
|                                                                                | 4H               | 27.1 | 28.2 | 27.5 | 28.5            | 28.9           | 27.0 | 28.1             | 27.4 | 28.4 | 28.7 |
|                                                                                | 6H               | 27.8 | 28.7 | 28.2 | 29.1            | 29.4           | 27.6 | 28.6             | 28.0 | 28.9 | 29.3 |
|                                                                                | 8H               | 28.0 | 28.9 | 28.4 | 29.2            | 29.6           | 27.8 | 28.7             | 28.2 | 29.1 | 29.5 |
|                                                                                | 12H              | 28.1 | 28.9 | 28.5 | 29.3            | 29.7           | 28.0 | 28.8             | 28.4 | 29.2 | 29.6 |
| 8H                                                                             | 4H               | 27.4 | 28.3 | 27.8 | 28.7            | 29.1           | 27.3 | 28.2             | 27.7 | 28.6 | 28.9 |
|                                                                                | 6H               | 28.2 | 29.0 | 28.7 | 29.4            | 29.8           | 28.1 | 28.8             | 28.5 | 29.2 | 29.7 |
|                                                                                | 8H               | 28.5 | 29.2 | 29.0 | 29.6            | 30.0           | 28.4 | 29.0             | 28.8 | 29.5 | 29.9 |
|                                                                                | 12H              | 28.7 | 29.3 | 29.2 | 29.7            | 30.2           | 28.6 | 29.2             | 29.1 | 29.6 | 30.1 |
| 12H                                                                            | 4H               | 27.4 | 28.3 | 27.9 | 28.7            | 29.1           | 27.3 | 28.1             | 27.7 | 28.5 | 28.9 |
|                                                                                | 6H               | 28.3 | 28.9 | 28.7 | 29.4            | 29.8           | 28.1 | 28.8             | 28.6 | 29.2 | 29.7 |
|                                                                                | 8H               | 28.6 | 29.2 | 29.1 | 29.6            | 30.1           | 28.5 | 29.1             | 29.0 | 29.5 | 30.0 |
| Variations with the observer position at spacings:                             |                  |      |      |      |                 |                |      |                  |      |      |      |
| S = 1.0H                                                                       | + 0.1 / - 0.2    |      |      |      |                 | + 0.1 / - 0.2  |      |                  |      |      |      |
| 1.5H                                                                           | + 0.2 / - 0.3    |      |      |      |                 | + 0.2 / - 0.3  |      |                  |      |      |      |
| 2.0H                                                                           | + 0.1 / - 0.3    |      |      |      |                 | + 0.1 / - 0.3  |      |                  |      |      |      |

CIE Pub.117 Corrected 2147 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.7)

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-04-02

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:119.6V I:0.2230A P:26.70W PF:0.9960 Freq:60.00Hz Lamp Flux:2147.29x1 lm |                 |                  |
| NAME: 2FT                                                                      | TYPE:4000K 0.10 | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.6*0.05   | Shielding Angle: |

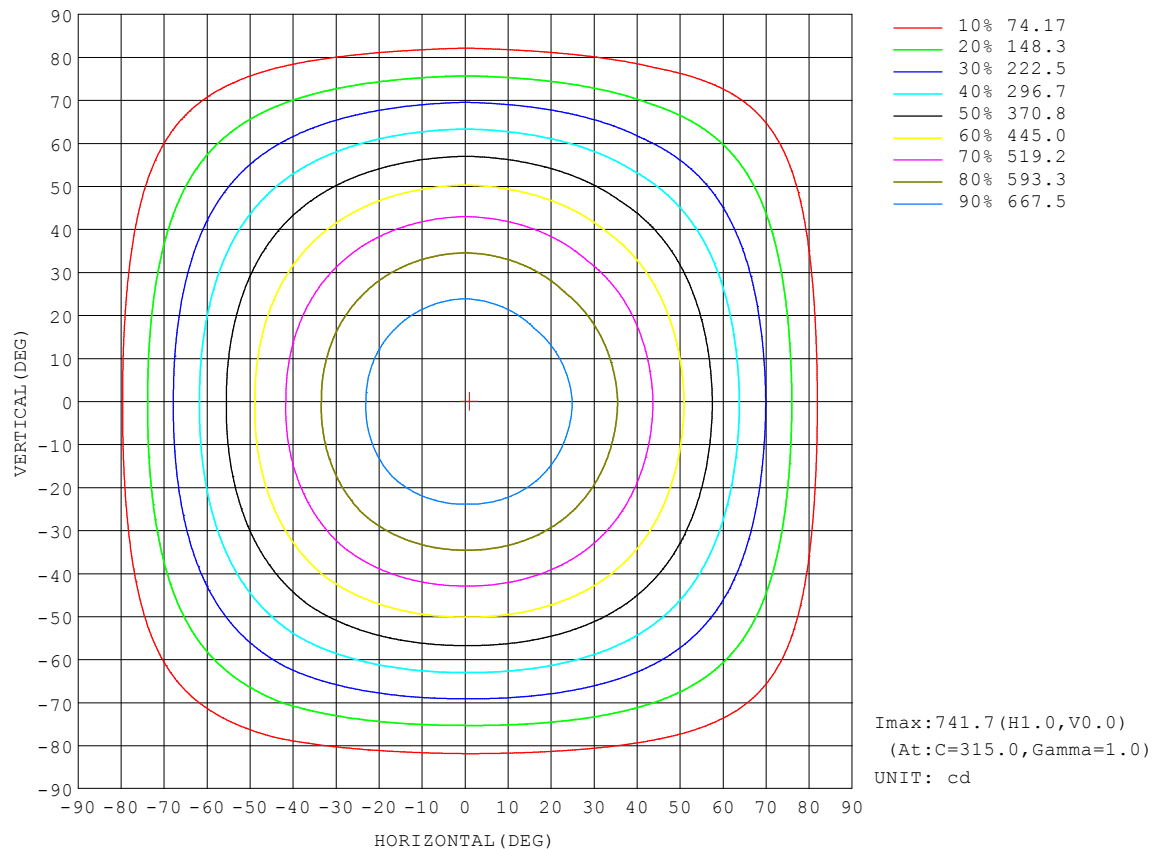
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 57                                                   | 45  | 38        | 56  | 45  | 38  | 55  | 45            | 38  | 32     |
| 0.80                             | 67                                                   | 55  | 48        | 66  | 55  | 48  | 64  | 54            | 47  | 40     |
| 1.00                             | 76                                                   | 64  | 57        | 74  | 64  | 57  | 72  | 65            | 56  | 49     |
| 1.25                             | 83                                                   | 72  | 65        | 81  | 71  | 64  | 78  | 70            | 64  | 56     |
| 1.50                             | 88                                                   | 78  | 71        | 86  | 77  | 70  | 83  | 75            | 69  | 61     |
| 2.00                             | 95                                                   | 86  | 79        | 93  | 85  | 79  | 89  | 83            | 77  | 69     |
| 2.50                             | 99                                                   | 91  | 85        | 97  | 89  | 84  | 93  | 87            | 82  | 73     |
| 3.00                             | 102                                                  | 95  | 89        | 100 | 93  | 88  | 96  | 91            | 86  | 78     |
| 4.00                             | 106                                                  | 100 | 96        | 104 | 99  | 94  | 99  | 95            | 91  | 83     |
| 5.00                             | 109                                                  | 104 | 100       | 106 | 102 | 98  | 101 | 98            | 95  | 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:2025-04-02

$\gamma$  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:119.6V I:0.2230A P:26.70W PF:0.9960 Freq:60.00Hz Lamp Flux:2147.29x1 lm |                 |                  |
| NAME: 2FT                                                                      | TYPE:4000K 0.10 | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.6*0.05   | Shielding Angle: |

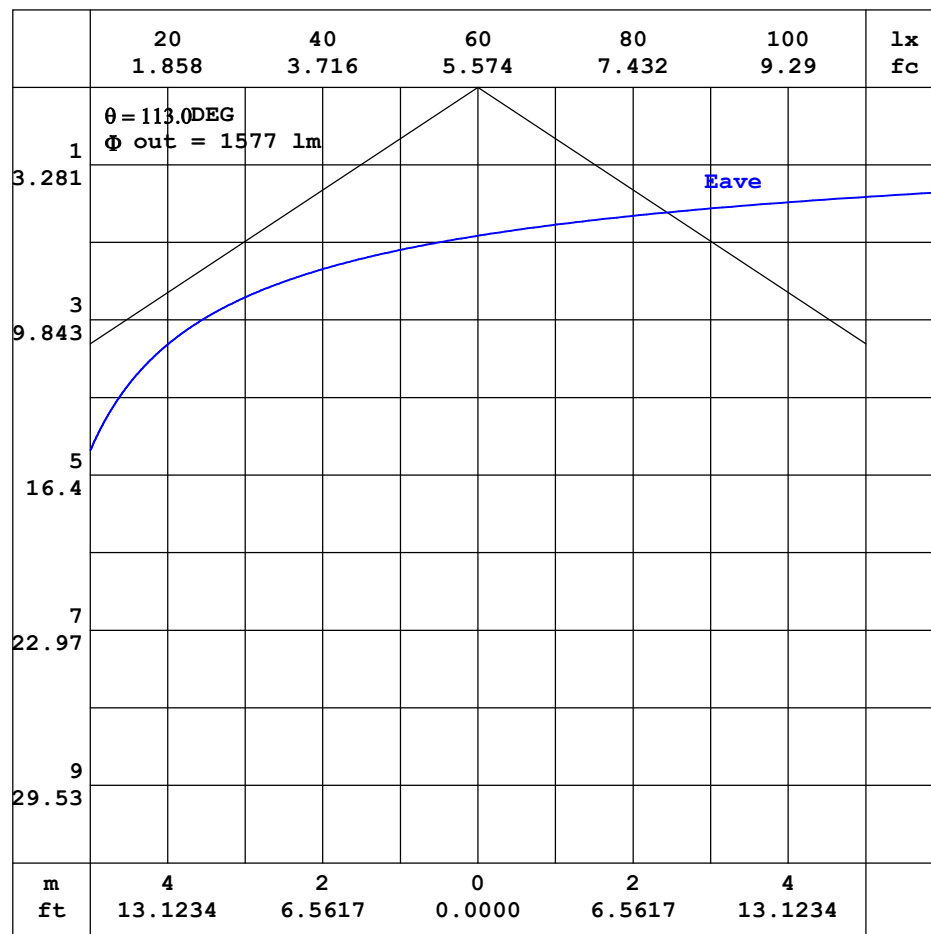


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-04-02

$\gamma$  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:

## AAI CURVES

|                                                                                |                 |                  |
|--------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:119.6V I:0.2230A P:26.70W PF:0.9960 Freq:60.00Hz Lamp Flux:2147.29x1 lm |                 |                  |
| NAME: 2FT                                                                      | TYPE:4000K 0.10 | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.6*0.05   | Shielding Angle: |



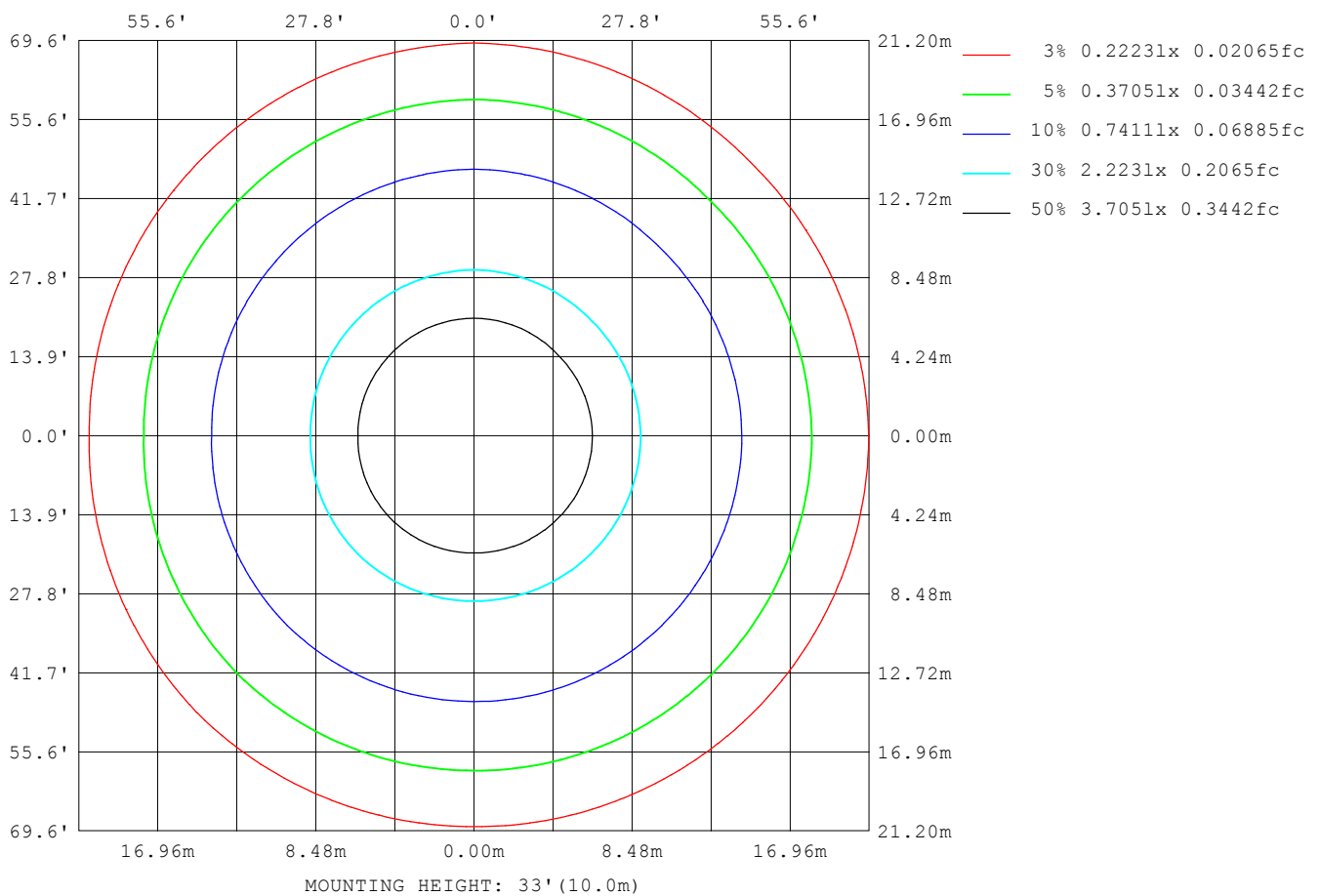
Note: The Curves indicate the illuminated area and the average illuminance when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2025-04-02

$\gamma$  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:119.6V I:0.2230A P:26.70W PF:0.9960 Freq:60.00Hz Lamp Flux:2147.29x1 lm |                 |                  |
| NAME: 2FT                                                                      | TYPE:4000K 0.10 | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.6*0.05   | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-04-02

$\gamma$  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:119.6V I:0.2230A P:26.70W PF:0.9960 Freq:60.00Hz Lamp Flux:2147.29x1 lm |                 |                  |
| NAME: 2FT                                                                      | TYPE:4000K 0.10 | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.6*0.05   | Shielding Angle: |

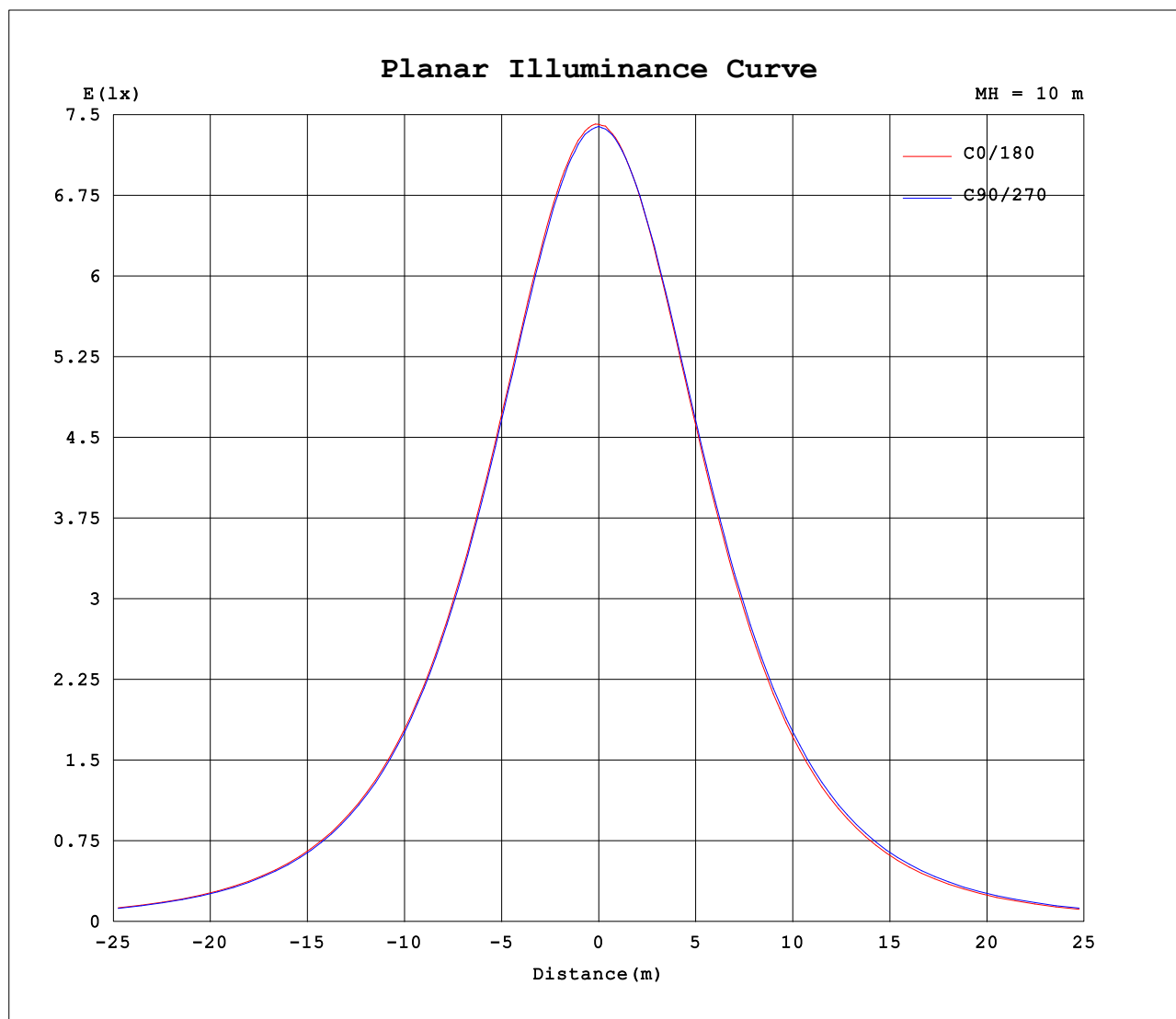
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 21238 |
| L_0~180 (75) av  | 18825 |
| L_0~180 (85) av  | 9062  |
| L_90~270 (65) av | 21669 |
| L_90~270 (75) av | 19857 |
| L_90~270 (85) av | 16258 |
| L_45 (65) av     | 21455 |
| L_45 (75) av     | 19488 |
| L_45 (85) av     | 12090 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-04-02

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: 2025-04-02

$\gamma$  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:119.6V I:0.2230A P:26.70W PF:0.9960 Freq:60.00Hz Lamp Flux:2147.29x1 lm |                 |                  |
| NAME: 2FT                                                                      | TYPE:4000K 0.10 | WEIGHT:          |
| SPEC.:                                                                         | DIM.:           | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:0.6*0.05   | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 45   | 90   | 135  | 180  | 225  | 270  | 315  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0                  | 739  | 739  | 739  | 739  | 739  | 739  | 739  | 739  |  |  |  |  |  |  |  |  |  |  |
| 5                  | 737  | 737  | 735  | 737  | 735  | 736  | 735  | 736  |  |  |  |  |  |  |  |  |  |  |
| 10                 | 729  | 729  | 726  | 728  | 724  | 725  | 725  | 726  |  |  |  |  |  |  |  |  |  |  |
| 15                 | 715  | 714  | 710  | 713  | 707  | 708  | 710  | 709  |  |  |  |  |  |  |  |  |  |  |
| 20                 | 693  | 692  | 688  | 691  | 682  | 685  | 688  | 686  |  |  |  |  |  |  |  |  |  |  |
| 25                 | 665  | 666  | 662  | 663  | 653  | 658  | 660  | 658  |  |  |  |  |  |  |  |  |  |  |
| 30                 | 633  | 633  | 628  | 631  | 618  | 623  | 628  | 625  |  |  |  |  |  |  |  |  |  |  |
| 35                 | 596  | 595  | 590  | 593  | 579  | 584  | 589  | 586  |  |  |  |  |  |  |  |  |  |  |
| 40                 | 552  | 551  | 546  | 550  | 534  | 540  | 546  | 541  |  |  |  |  |  |  |  |  |  |  |
| 45                 | 505  | 504  | 498  | 501  | 485  | 492  | 499  | 493  |  |  |  |  |  |  |  |  |  |  |
| 50                 | 454  | 452  | 447  | 450  | 432  | 439  | 448  | 441  |  |  |  |  |  |  |  |  |  |  |
| 55                 | 399  | 397  | 391  | 394  | 376  | 384  | 393  | 386  |  |  |  |  |  |  |  |  |  |  |
| 60                 | 341  | 339  | 333  | 336  | 317  | 326  | 336  | 328  |  |  |  |  |  |  |  |  |  |  |
| 65                 | 281  | 279  | 273  | 276  | 257  | 266  | 277  | 268  |  |  |  |  |  |  |  |  |  |  |
| 70                 | 221  | 218  | 212  | 215  | 196  | 205  | 216  | 207  |  |  |  |  |  |  |  |  |  |  |
| 75                 | 160  | 158  | 152  | 154  | 132  | 145  | 156  | 148  |  |  |  |  |  |  |  |  |  |  |
| 80                 | 97.2 | 97.2 | 94.6 | 92.6 | 69.4 | 85.7 | 97.4 | 87.5 |  |  |  |  |  |  |  |  |  |  |
| 85                 | 37.3 | 37.8 | 42.1 | 32.8 | 10.1 | 27.5 | 42.9 | 28.4 |  |  |  |  |  |  |  |  |  |  |
| 90                 | 0.32 | 0.32 | 0.37 | 0.31 | 0.07 | 0.07 | 0.08 | 0.06 |  |  |  |  |  |  |  |  |  |  |
| 95                 | 0.41 | 0.43 | 0.44 | 0.42 | 0.10 | 0.09 | 0.10 | 0.10 |  |  |  |  |  |  |  |  |  |  |
| 100                | 0.52 | 0.54 | 0.56 | 0.54 | 0.14 | 0.14 | 0.15 | 0.15 |  |  |  |  |  |  |  |  |  |  |
| 105                | 0.65 | 0.67 | 0.70 | 0.67 | 0.19 | 0.19 | 0.20 | 0.19 |  |  |  |  |  |  |  |  |  |  |
| 110                | 0.78 | 0.80 | 0.83 | 0.81 | 0.25 | 0.25 | 0.26 | 0.25 |  |  |  |  |  |  |  |  |  |  |
| 115                | 0.92 | 0.95 | 0.96 | 0.95 | 0.32 | 0.32 | 0.34 | 0.32 |  |  |  |  |  |  |  |  |  |  |
| 120                | 1.05 | 1.08 | 1.10 | 1.08 | 0.40 | 0.40 | 0.43 | 0.41 |  |  |  |  |  |  |  |  |  |  |
| 125                | 1.18 | 1.20 | 1.22 | 1.20 | 0.46 | 0.47 | 0.50 | 0.49 |  |  |  |  |  |  |  |  |  |  |
| 130                | 1.29 | 1.31 | 1.34 | 1.32 | 0.56 | 0.57 | 0.59 | 0.58 |  |  |  |  |  |  |  |  |  |  |
| 135                | 1.40 | 1.41 | 1.45 | 1.42 | 0.66 | 0.67 | 0.70 | 0.68 |  |  |  |  |  |  |  |  |  |  |
| 140                | 1.51 | 1.51 | 1.54 | 1.52 | 0.74 | 0.74 | 0.78 | 0.76 |  |  |  |  |  |  |  |  |  |  |
| 145                | 1.60 | 1.60 | 1.63 | 1.62 | 0.86 | 0.87 | 0.89 | 0.89 |  |  |  |  |  |  |  |  |  |  |
| 150                | 1.68 | 1.69 | 1.66 | 1.70 | 1.32 | 1.34 | 1.35 | 1.32 |  |  |  |  |  |  |  |  |  |  |
| 155                | 1.77 | 1.77 | 1.74 | 1.79 | 1.50 | 1.50 | 1.51 | 1.46 |  |  |  |  |  |  |  |  |  |  |
| 160                | 1.84 | 1.85 | 1.80 | 1.87 | 1.61 | 1.63 | 1.62 | 1.58 |  |  |  |  |  |  |  |  |  |  |
| 165                | 1.89 | 1.90 | 1.85 | 1.91 | 1.73 | 1.73 | 1.72 | 1.69 |  |  |  |  |  |  |  |  |  |  |
| 170                | 1.93 | 1.92 | 1.88 | 1.92 | 1.80 | 1.81 | 1.79 | 1.77 |  |  |  |  |  |  |  |  |  |  |
| 175                | 1.93 | 1.92 | 1.88 | 1.88 | 1.84 | 1.84 | 1.82 | 1.80 |  |  |  |  |  |  |  |  |  |  |
| 180                | 1.87 | 1.86 | 1.83 | 1.82 | 1.86 | 1.87 | 1.84 | 1.82 |  |  |  |  |  |  |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-04-02

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: