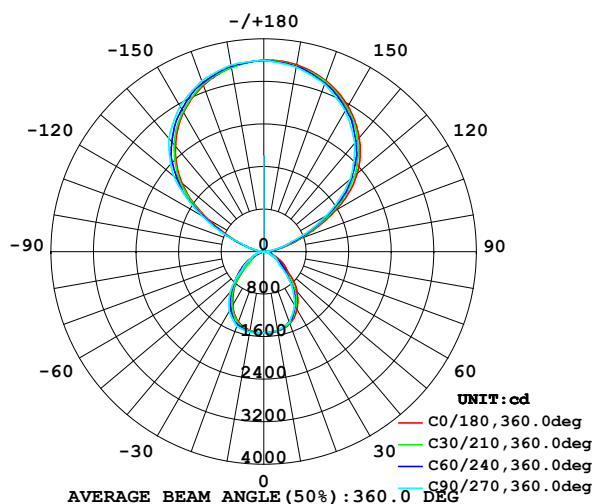


## LUMINAIRE PHOTOMETRIC TEST REPORT

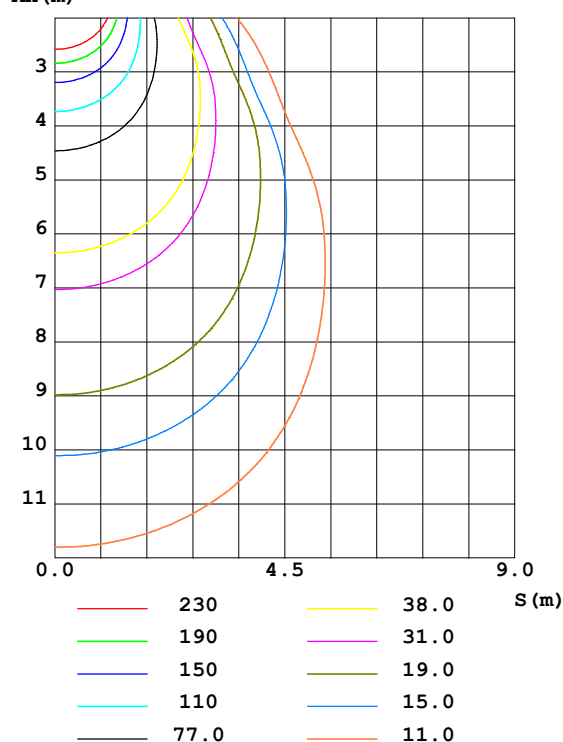
|                                                                   |       |                   |
|-------------------------------------------------------------------|-------|-------------------|
| Test:U:222.1V I:0.4490A P:98.00W PF:0.9800 Lamp Flux:12593.5x1 lm |       |                   |
| NAME: FS1008                                                      | TYPE: | WEIGHT:           |
| SPEC.:                                                            | DIM.: | SERIAL No.:       |
| MFR.: EVERFINE                                                    | SUR.: | PROTECTION ANGLE: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 128.50 lm/W |           |                   |           |
|------------------|---------|-----------------------------------|-----------|-------------------|-----------|
| MODEL            | 2835    | I <sub>max</sub> (cd)             | 3603      | S/MH(C0/180)      | 1.21      |
| NOMINAL POWER(W) | 100     | LOR(%)                            | 100.0     | S/MH(C90/270)     | 1.15      |
| RATED VOLTAGE(V) | 220.0   | TOTAL FLUX(lm)                    | 12593     | η UP,DN(C0-180)   | 37.6,11.7 |
| NOMINAL FLUX(lm) | 12593.5 | CIE CLASS                         | SEMI-IND. | η UP,DN(C180-360) | 37.7,13.0 |
| LAMPS INSIDE     | 1       | η up(%)                           | 75.3      | CIBSE SHR NOM     | 1.25      |
| TEST VOLTAGE(V)  | 220.0   | η down(%)                         | 24.7      | CIBSE SHR MAX     | 1.25      |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2026-09-09

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity: 65.0%  
Test Distance: 7.900m [K=1.2658]  
Remarks:

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270   | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|--------|-------|----------|-------------|--------------|------------|
| 5        | 1529                  | 1523  | 1520  | 1520  | 1525  | 1529  | 1535   | 1533  | 0- 5     | 36.56       | 36.56        | 0.29,0.29  |
| 10       | 1515                  | 1506  | 1508  | 1498  | 1505  | 1519  | 1537   | 1528  | 5- 10    | 108.8       | 145.3        | 1.15,1.15  |
| 15       | 1487                  | 1475  | 1461  | 1461  | 1467  | 1493  | 1515   | 1511  | 10- 15   | 177.8       | 323.1        | 2.57,2.57  |
| 20       | 1439                  | 1405  | 1414  | 1386  | 1405  | 1433  | 1494   | 1465  | 15- 20   | 240.0       | 563.2        | 4.47,4.47  |
| 25       | 1359                  | 1316  | 1289  | 1293  | 1308  | 1354  | 1397   | 1399  | 20- 25   | 290.7       | 853.9        | 6.78,6.78  |
| 30       | 1248                  | 1188  | 1164  | 1164  | 1175  | 1229  | 1301   | 1289  | 25- 30   | 323.3       | 1177         | 9.35,9.35  |
| 35       | 1115                  | 1037  | 985.1 | 1013  | 1017  | 1079  | 1141   | 1151  | 30- 35   | 336.2       | 1513         | 12,12      |
| 40       | 970.7                 | 873.8 | 805.9 | 848.4 | 853.9 | 921.0 | 982.1  | 999.8 | 35- 40   | 327.5       | 1841         | 14.6,14.6  |
| 45       | 804.4                 | 678.5 | 597.4 | 651.2 | 633.6 | 713.2 | 764.3  | 794.7 | 40- 45   | 296.1       | 2137         | 17,17      |
| 50       | 596.3                 | 508.8 | 388.9 | 485.9 | 479.6 | 521.6 | 546.5  | 590.2 | 45- 50   | 243.8       | 2381         | 18.9,18.9  |
| 55       | 490.8                 | 384.7 | 325.2 | 371.3 | 388.0 | 414.3 | 431.8  | 474.4 | 50- 55   | 195.5       | 2576         | 20.5,20.5  |
| 60       | 391.3                 | 279.5 | 261.4 | 281.8 | 271.2 | 322.4 | 317.2  | 368.5 | 55- 60   | 160.7       | 2737         | 21.7,21.7  |
| 65       | 276.5                 | 202.4 | 184.2 | 209.1 | 162.9 | 238.1 | 247.2  | 265.6 | 60- 65   | 127.6       | 2864         | 22.7,22.7  |
| 70       | 186.4                 | 150.9 | 106.9 | 155.7 | 90.39 | 180.5 | 177.1  | 196.1 | 65- 70   | 97.61       | 2962         | 23.5,23.5  |
| 75       | 134.0                 | 108.8 | 69.10 | 107.5 | 66.58 | 134.0 | 127.1  | 145.3 | 70- 75   | 70.87       | 3033         | 24.1,24.1  |
| 80       | 113.6                 | 51.51 | 31.26 | 52.80 | 51.92 | 88.92 | 77.10  | 99.94 | 75- 80   | 48.25       | 3081         | 24.5,24.5  |
| 85       | 69.70                 | 7.436 | 0     | 9.078 | 12.82 | 25.45 | 0      | 29.72 | 80- 85   | 24.39       | 3106         | 24.7,24.7  |
| 90       | 11.07                 | 0     | 0     | 0     | 3.096 | 0     | 0      | 0     | 85- 90   | 2.901       | 3108         | 24.7,24.7  |
| 95       | 112.2                 | 45.57 | 0     | 40.77 | 36.14 | 23.17 | 0.0000 | 26.06 | 90- 95   | 6.185       | 3115         | 24.7,24.7  |
| 100      | 250.5                 | 200.5 | 152.0 | 176.2 | 127.4 | 129.3 | 81.31  | 151.1 | 95-100   | 51.34       | 3166         | 25.1,25.1  |
| 105      | 458.0                 | 373.7 | 358.6 | 325.1 | 268.0 | 270.7 | 269.6  | 322.6 | 100-105  | 130.6       | 3297         | 26.2,26.2  |
| 110      | 754.4                 | 658.1 | 565.3 | 580.5 | 487.7 | 518.9 | 457.9  | 640.6 | 105-110  | 236.9       | 3533         | 28.1,28.1  |
| 115      | 1130                  | 1017  | 964.4 | 912.3 | 793.2 | 850.5 | 892.9  | 1052  | 110-115  | 387.4       | 3921         | 31.1,31.1  |
| 120      | 1560                  | 1444  | 1364  | 1313  | 1195  | 1265  | 1328   | 1541  | 115-120  | 563.5       | 4484         | 35.6,35.6  |
| 125      | 1965                  | 1834  | 1745  | 1695  | 1635  | 1695  | 1773   | 1940  | 120-125  | 731.9       | 5216         | 41.4,41.4  |
| 130      | 2297                  | 2195  | 2127  | 2061  | 2009  | 2107  | 2218   | 2306  | 125-130  | 860.1       | 6076         | 48.2,48.2  |
| 135      | 2564                  | 2470  | 2395  | 2340  | 2321  | 2389  | 2499   | 2568  | 130-135  | 929.8       | 7006         | 55.6,55.6  |
| 140      | 2791                  | 2731  | 2662  | 2606  | 2586  | 2652  | 2780   | 2816  | 135-140  | 952.8       | 7959         | 63.2,63.2  |
| 145      | 2991                  | 2932  | 2863  | 2815  | 2820  | 2871  | 2968   | 3008  | 140-145  | 935.4       | 8894         | 70.6,70.6  |
| 150      | 3163                  | 3113  | 3063  | 3012  | 3022  | 3073  | 3155   | 3179  | 145-150  | 884.3       | 9779         | 77.6,77.6  |
| 155      | 3305                  | 3264  | 3206  | 3177  | 3189  | 3231  | 3287   | 3320  | 150-155  | 802.1       | 10581        | 84,84      |
| 160      | 3421                  | 3379  | 3349  | 3308  | 3327  | 3351  | 3418   | 3426  | 155-160  | 694.0       | 11275        | 89.5,89.5  |
| 165      | 3508                  | 3482  | 3438  | 3427  | 3435  | 3460  | 3492   | 3521  | 160-165  | 563.4       | 11838        | 94,94      |
| 170      | 3568                  | 3539  | 3526  | 3501  | 3517  | 3525  | 3565   | 3567  | 165-170  | 415.4       | 12253        | 97.3,97.3  |
| 175      | 3598                  | 3577  | 3562  | 3557  | 3572  | 3570  | 3582   | 3591  | 170-175  | 254.3       | 12508        | 99.3,99.3  |
| 180      | 3599                  | 3599  | 3599  | 3599  | 3599  | 3599  | 3599   | 3599  | 175-180  | 85.70       | 12593        | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |        |       |          | UNIT:lm     |              |            |

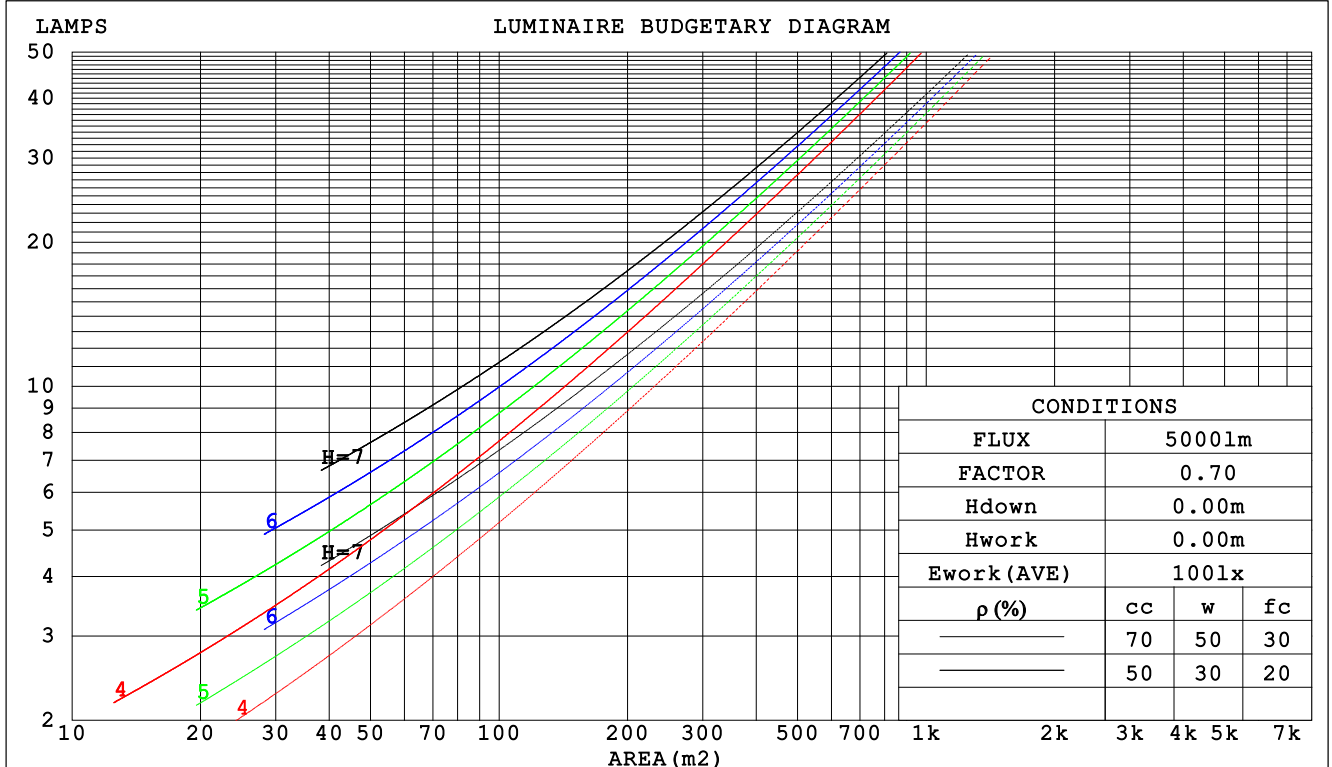
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2026-09-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
 Humidity:65.0%  
 Test Distance:7.900m [K=1.2658]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                   |       |                   |
|-------------------------------------------------------------------|-------|-------------------|
| Test:U:222.1V I:0.4490A P:98.00W PF:0.9800 Lamp Flux:12593.5x1 lm |       |                   |
| NAME: FS1008                                                      | TYPE: | WEIGHT:           |
| SPEC.:                                                            | DIM.: | SERIAL No.:       |
| MFR.: EVERFINE                                                    | SUR.: | PROTECTION 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                   | 1.01                            | 1.01 | 1.01 | .90 | .90 | .90 | .69 | .69 | .69 | .50 | .50 | .50 | .33 | .33 | .33 | .25 |
| 1.0                   | .89                             | .85  | .82  | .79 | .76 | .73 | .61 | .59 | .57 | .45 | .44 | .42 | .30 | .29 | .28 | .22 |
| 2.0                   | .78                             | .72  | .67  | .69 | .65 | .61 | .54 | .51 | .48 | .40 | .38 | .36 | .27 | .25 | .25 | .19 |
| 3.0                   | .69                             | .62  | .56  | .61 | .56 | .51 | .48 | .44 | .41 | .35 | .33 | .31 | .24 | .22 | .21 | .16 |
| 4.0                   | .61                             | .53  | .48  | .55 | .48 | .44 | .43 | .38 | .35 | .32 | .29 | .27 | .22 | .20 | .19 | .14 |
| 5.0                   | .54                             | .47  | .41  | .49 | .42 | .37 | .38 | .34 | .30 | .29 | .26 | .23 | .20 | .18 | .16 | .13 |
| 6.0                   | .49                             | .41  | .36  | .44 | .37 | .33 | .35 | .30 | .26 | .26 | .23 | .21 | .18 | .16 | .15 | .11 |
| 7.0                   | .44                             | .36  | .31  | .40 | .33 | .29 | .31 | .27 | .23 | .24 | .21 | .18 | .16 | .15 | .13 | .10 |
| 8.0                   | .40                             | .32  | .27  | .36 | .30 | .25 | .29 | .24 | .21 | .22 | .19 | .16 | .15 | .13 | .12 | .09 |
| 9.0                   | .36                             | .29  | .24  | .33 | .27 | .22 | .26 | .22 | .18 | .20 | .17 | .15 | .14 | .12 | .11 | .08 |
| 10.0                  | .33                             | .26  | .22  | .30 | .24 | .20 | .24 | .20 | .17 | .18 | .15 | .13 | .13 | .11 | .10 | .08 |



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2026-09-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity:65.0%  
Test Distance:7.900m [K=1.2658]  
Remarks:

## WEC AND CCEC

|                                                                   |  |  |       |  |                   |
|-------------------------------------------------------------------|--|--|-------|--|-------------------|
| Test:U:222.1V I:0.4490A P:98.00W PF:0.9800 Lamp Flux:12593.5x1 lm |  |  |       |  |                   |
| NAME: FS1008                                                      |  |  | TYPE: |  | WEIGHT:           |
| SPEC.:                                                            |  |  | DIM.: |  | SERIAL No.:       |
| MFR.: EVERFINE                                                    |  |  | SUR.: |  | PROTECTION 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  | .258                  | .147 | .046 | .228 | .130 | .041 | .173                             | .099 | .032 | .122 | .070 | .022 | .074 | .043 | .014 |   |
| 2.0  | .239                  | .131 | .040 | .212 | .117 | .036 | .162                             | .090 | .028 | .115 | .064 | .020 | .071 | .040 | .013 |   |
| 3.0  | .222                  | .118 | .035 | .197 | .106 | .032 | .151                             | .082 | .025 | .108 | .059 | .018 | .068 | .037 | .012 |   |
| 4.0  | .206                  | .107 | .032 | .184 | .096 | .028 | .141                             | .075 | .022 | .101 | .054 | .016 | .064 | .035 | .011 |   |
| 5.0  | .192                  | .098 | .028 | .171 | .088 | .026 | .131                             | .068 | .020 | .094 | .050 | .015 | .060 | .032 | .010 |   |
| 6.0  | .179                  | .090 | .026 | .160 | .081 | .023 | .123                             | .063 | .018 | .089 | .046 | .014 | .056 | .030 | .009 |   |
| 7.0  | .168                  | .083 | .024 | .150 | .075 | .021 | .115                             | .058 | .017 | .083 | .043 | .012 | .053 | .028 | .008 |   |
| 8.0  | .158                  | .077 | .022 | .141 | .069 | .020 | .109                             | .054 | .016 | .079 | .040 | .011 | .050 | .026 | .008 |   |
| 9.0  | .148                  | .072 | .020 | .133 | .065 | .018 | .103                             | .051 | .014 | .074 | .037 | .011 | .048 | .024 | .007 |   |
| 10.0 | .140                  | .067 | .019 | .125 | .060 | .017 | .097                             | .048 | .013 | .070 | .035 | .010 | .045 | .023 | .007 |   |

| 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  | .764                  | .764 | .764 | .653 | .653 | .653 | .446                                       | .446 | .446 | .256 | .256 | .256 | .082 | .082 | .082 |   |
| 1.0  | .755                  | .735 | .717 | .646 | .631 | .617 | .442                                       | .434 | .427 | .254 | .251 | .248 | .081 | .081 | .080 |   |
| 2.0  | .748                  | .715 | .687 | .640 | .615 | .594 | .439                                       | .426 | .414 | .253 | .248 | .243 | .081 | .080 | .079 |   |
| 3.0  | .741                  | .700 | .667 | .635 | .603 | .578 | .436                                       | .419 | .405 | .252 | .245 | .239 | .081 | .079 | .078 |   |
| 4.0  | .734                  | .688 | .653 | .630 | .595 | .567 | .433                                       | .414 | .399 | .251 | .243 | .236 | .081 | .079 | .078 |   |
| 5.0  | .728                  | .679 | .643 | .626 | .588 | .559 | .431                                       | .411 | .395 | .250 | .241 | .234 | .080 | .079 | .077 |   |
| 6.0  | .723                  | .672 | .636 | .621 | .582 | .554 | .428                                       | .408 | .392 | .249 | .240 | .233 | .080 | .078 | .077 |   |
| 7.0  | .717                  | .666 | .631 | .617 | .578 | .550 | .426                                       | .405 | .390 | .248 | .239 | .232 | .080 | .078 | .077 |   |
| 8.0  | .712                  | .662 | .627 | .613 | .574 | .547 | .424                                       | .403 | .388 | .247 | .238 | .231 | .080 | .078 | .076 |   |
| 9.0  | .707                  | .657 | .624 | .609 | .571 | .544 | .422                                       | .401 | .386 | .246 | .237 | .230 | .080 | .078 | .076 |   |
| 10.0 | .702                  | .654 | .621 | .606 | .568 | .542 | .420                                       | .400 | .385 | .245 | .236 | .230 | .079 | .078 | .076 |   |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2026-09-09

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity:65.0%  
Test Distance:7.900m [K=1.2658]  
Remarks:

## Uncorrected UGR Table

|                                                                   |               |                  |      |      |       |                |      |                   |      |      |      |
|-------------------------------------------------------------------|---------------|------------------|------|------|-------|----------------|------|-------------------|------|------|------|
| Test:U:222.1V I:0.4490A P:98.00W PF:0.9800 Lamp Flux:12593.5x1 lm |               |                  |      |      |       |                |      |                   |      |      |      |
| NAME: FS1008                                                      |               |                  |      |      | TYPE: |                |      | WEIGHT:           |      |      |      |
| SPEC.:                                                            |               |                  |      |      | DIM.: |                |      | SERIAL No.:       |      |      |      |
| MFR.: EVERFINE                                                    |               |                  |      |      | SUR.: |                |      | PROTECTION 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                                                     | 11.0          | 11.8             | 12.1 | 12.8 | 14.3  | 10.1           | 10.8 | 11.1              | 11.9 | 13.3 |      |
|                                                                   | 3H            | 11.9             | 12.6 | 13.0 | 13.7  | 15.2           | 10.5 | 11.2              | 11.7 | 12.3 | 13.8 |
|                                                                   | 4H            | 12.3             | 12.9 | 13.4 | 14.0  | 15.5           | 10.6 | 11.3              | 11.8 | 12.3 | 13.9 |
|                                                                   | 6H            | 12.7             | 13.3 | 13.8 | 14.4  | 15.9           | 10.6 | 11.2              | 11.7 | 12.3 | 13.8 |
|                                                                   | 8H            | 12.9             | 13.4 | 14.0 | 14.5  | 16.1           | 10.5 | 11.1              | 11.7 | 12.2 | 13.7 |
|                                                                   | 12H           | 13.1             | 13.6 | 14.2 | 14.7  | 16.2           | 10.4 | 10.9              | 11.6 | 12.1 | 13.6 |
| 4H                                                                | 2H            | 11.0             | 11.6 | 12.1 | 12.7  | 14.2           | 10.1 | 10.7              | 11.2 | 11.8 | 13.3 |
|                                                                   | 3H            | 12.0             | 12.5 | 13.2 | 13.7  | 15.2           | 10.8 | 11.3              | 11.9 | 12.4 | 13.9 |
|                                                                   | 4H            | 12.5             | 12.9 | 13.6 | 14.1  | 15.6           | 11.0 | 11.4              | 12.1 | 12.6 | 14.1 |
|                                                                   | 6H            | 13.0             | 13.4 | 14.1 | 14.5  | 16.1           | 11.0 | 11.4              | 12.2 | 12.5 | 14.1 |
|                                                                   | 8H            | 13.2             | 13.6 | 14.4 | 14.7  | 16.3           | 10.9 | 11.3              | 12.1 | 12.4 | 14.0 |
|                                                                   | 12H           | 13.4             | 13.7 | 14.6 | 14.9  | 16.5           | 10.8 | 11.2              | 12.0 | 12.3 | 13.9 |
| 8H                                                                | 4H            | 12.4             | 12.8 | 13.6 | 13.9  | 15.5           | 11.0 | 11.4              | 12.2 | 12.5 | 14.1 |
|                                                                   | 6H            | 12.9             | 13.2 | 14.1 | 14.4  | 16.0           | 11.1 | 11.4              | 12.3 | 12.5 | 14.2 |
|                                                                   | 8H            | 13.2             | 13.5 | 14.4 | 14.6  | 16.3           | 11.0 | 11.3              | 12.2 | 12.5 | 14.1 |
|                                                                   | 12H           | 13.4             | 13.7 | 14.6 | 14.8  | 16.5           | 10.9 | 11.1              | 12.1 | 12.3 | 14.0 |
| 12H                                                               | 4H            | 12.3             | 12.6 | 13.5 | 13.8  | 15.4           | 11.0 | 11.3              | 12.1 | 12.4 | 14.0 |
|                                                                   | 6H            | 12.9             | 13.1 | 14.1 | 14.3  | 15.9           | 11.0 | 11.3              | 12.2 | 12.5 | 14.1 |
|                                                                   | 8H            | 13.1             | 13.4 | 14.3 | 14.5  | 16.2           | 11.0 | 11.2              | 12.2 | 12.4 | 14.0 |
| Variations with the observer position at spacings:                |               |                  |      |      |       |                |      |                   |      |      |      |
| S = 1.0H                                                          | + 0.4 / - 0.4 |                  |      |      |       | + 0.5 / - 0.7  |      |                   |      |      |      |
| 1.5H                                                              | + 0.3 / - 0.4 |                  |      |      |       | + 0.3 / - 0.9  |      |                   |      |      |      |
| 2.0H                                                              | + 1.0 / - 0.6 |                  |      |      |       | + 0.9 / - 1.2  |      |                   |      |      |      |

CIE Pub.117 Corrected 12593 lm Total Lamp Luminous Flux. (8log(F/F0) = 8.8)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2026-09-09

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
 Humidity:65.0%  
 Test Distance:7.900m [K=1.2658]  
 Remarks:

## UTILIZATION FACTORS TABLE

|                                                                   |       |                   |
|-------------------------------------------------------------------|-------|-------------------|
| Test:U:222.1V I:0.4490A P:98.00W PF:0.9800 Lamp Flux:12593.5x1 lm |       |                   |
| NAME: FS1008                                                      | TYPE: | WEIGHT:           |
| SPEC.:                                                            | DIM.: | SERIAL No.:       |
| MFR.: EVERFINE                                                    | SUR.: | PROTECTION ANGLE: |

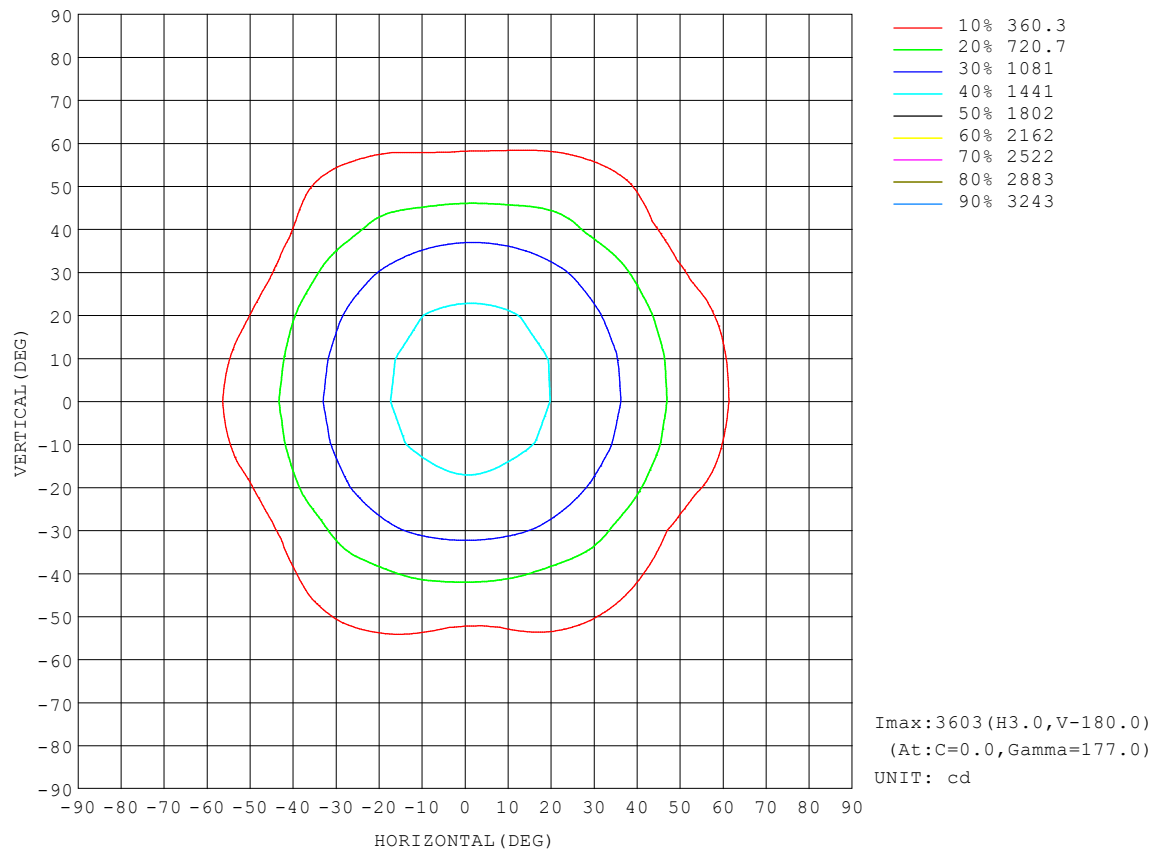
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 39                                                   | 29  | 24        | 36  | 27  | 22  | 30  | 23            | 19  | 11     |
| 0.80                             | 49                                                   | 38  | 31        | 44  | 35  | 29  | 36  | 29            | 25  | 13     |
| 1.00                             | 56                                                   | 45  | 38        | 50  | 41  | 35  | 40  | 34            | 29  | 15     |
| 1.25                             | 62                                                   | 52  | 45        | 56  | 47  | 41  | 45  | 39            | 34  | 17     |
| 1.50                             | 68                                                   | 57  | 50        | 61  | 52  | 46  | 48  | 42            | 38  | 18     |
| 2.00                             | 74                                                   | 65  | 58        | 67  | 59  | 53  | 52  | 47            | 43  | 19     |
| 2.50                             | 79                                                   | 71  | 64        | 71  | 64  | 58  | 55  | 51            | 47  | 20     |
| 3.00                             | 82                                                   | 75  | 69        | 73  | 67  | 62  | 57  | 53            | 50  | 21     |
| 4.00                             | 87                                                   | 80  | 75        | 77  | 72  | 68  | 60  | 57            | 54  | 22     |
| 5.00                             | 89                                                   | 84  | 79        | 80  | 75  | 71  | 62  | 59            | 56  | 22     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2026-09-09

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
 Humidity: 65.0%  
 Test Distance: 7.900m [K=1.2658]  
 Remarks:

## ISOCANDELA DIAGRAM

|                                                                   |       |                   |
|-------------------------------------------------------------------|-------|-------------------|
| Test:U:222.1V I:0.4490A P:98.00W PF:0.9800 Lamp Flux:12593.5x1 lm |       |                   |
| NAME: FS1008                                                      | TYPE: | WEIGHT:           |
| SPEC.:                                                            | DIM.: | SERIAL No.:       |
| MFR.: EVERFINE                                                    | SUR.: | PROTECTION ANGLE: |

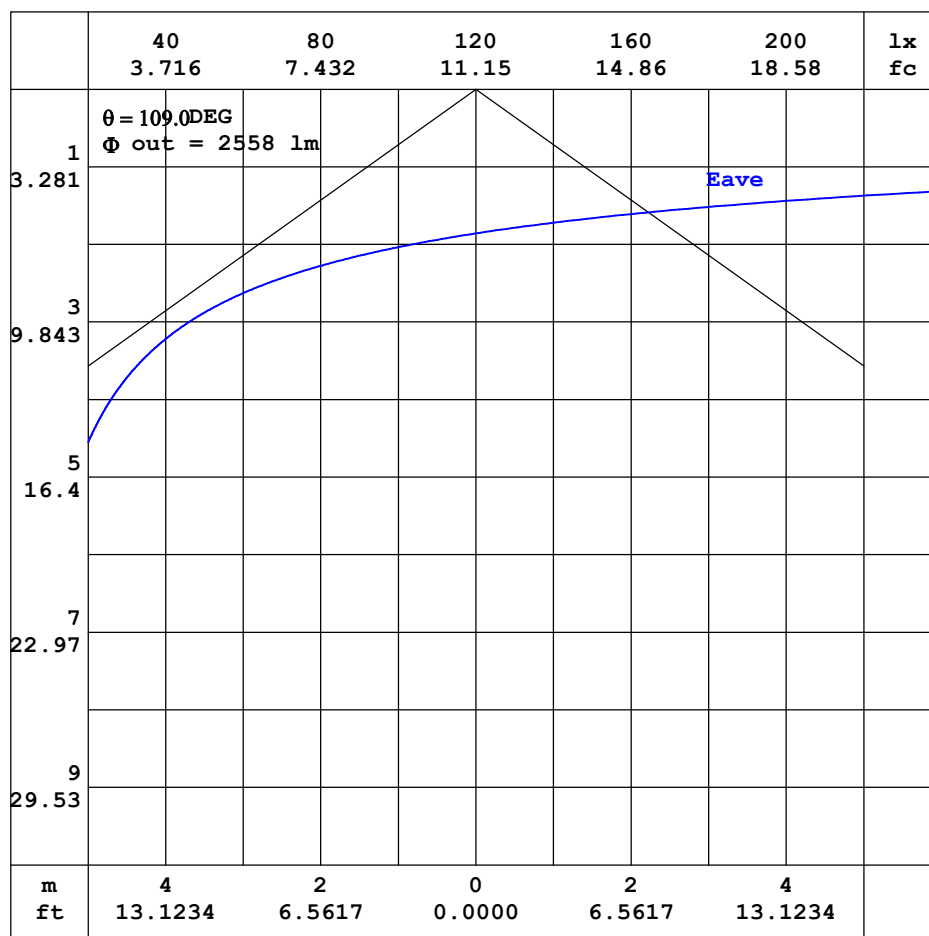


C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2026-09-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity:65.0%  
Test Distance:7.900m [K=1.2658]  
Remarks:

## AAI CURVES

|                                                                   |       |                   |
|-------------------------------------------------------------------|-------|-------------------|
| Test:U:222.1V I:0.4490A P:98.00W PF:0.9800 Lamp Flux:12593.5x1 lm |       |                   |
| NAME: FS1008                                                      | TYPE: | WEIGHT:           |
| SPEC.:                                                            | DIM.: | SERIAL No.:       |
| MFR.: EVERFINE                                                    | SUR.: | PROTECTION ANGLE: |



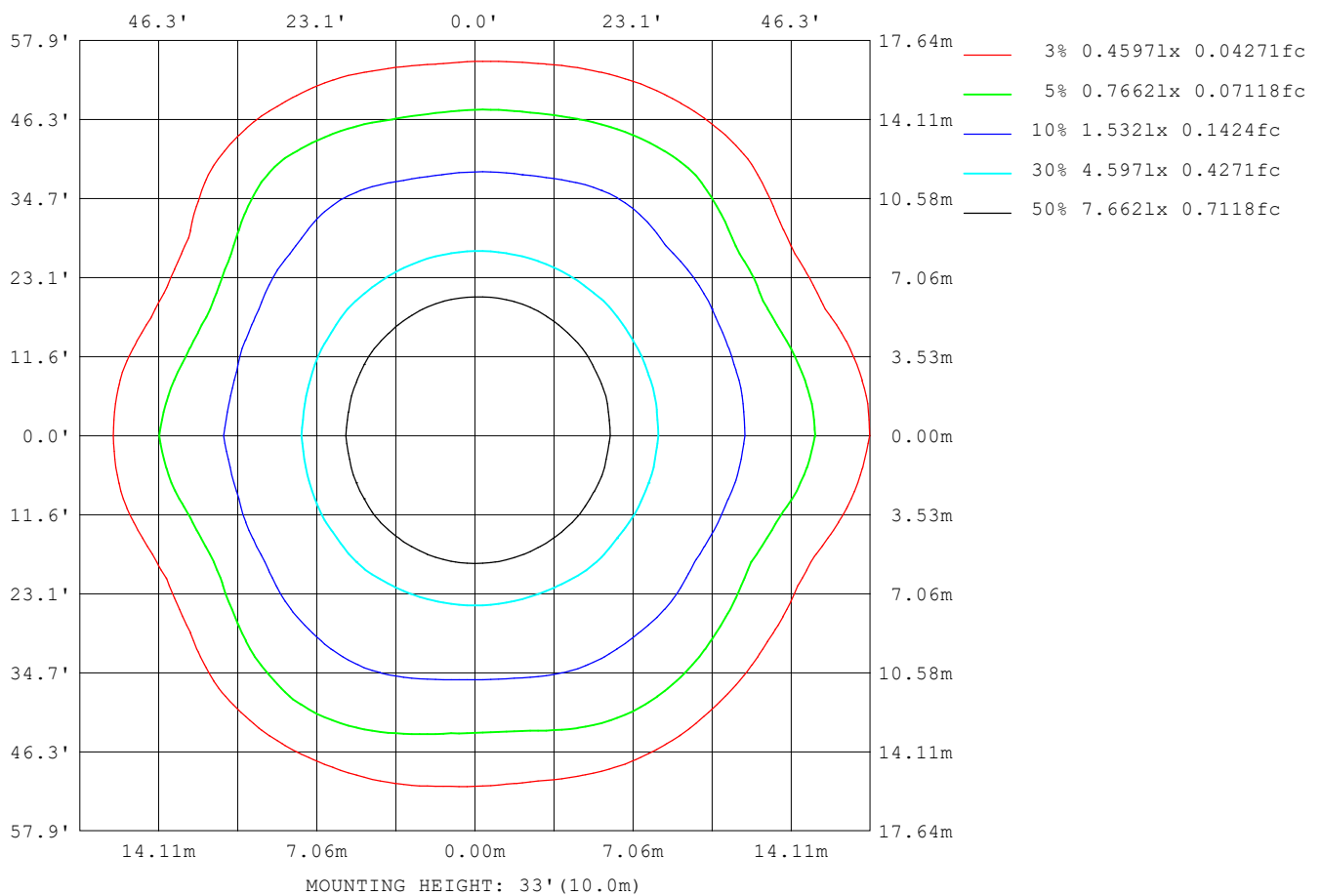
Note: The Curves indicate the illuminated area and the average illuminance when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2026-09-09

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity: 65.0%  
Test Distance: 7.900m [K=1.2658]  
Remarks:

## ISOLUX DIAGRAM

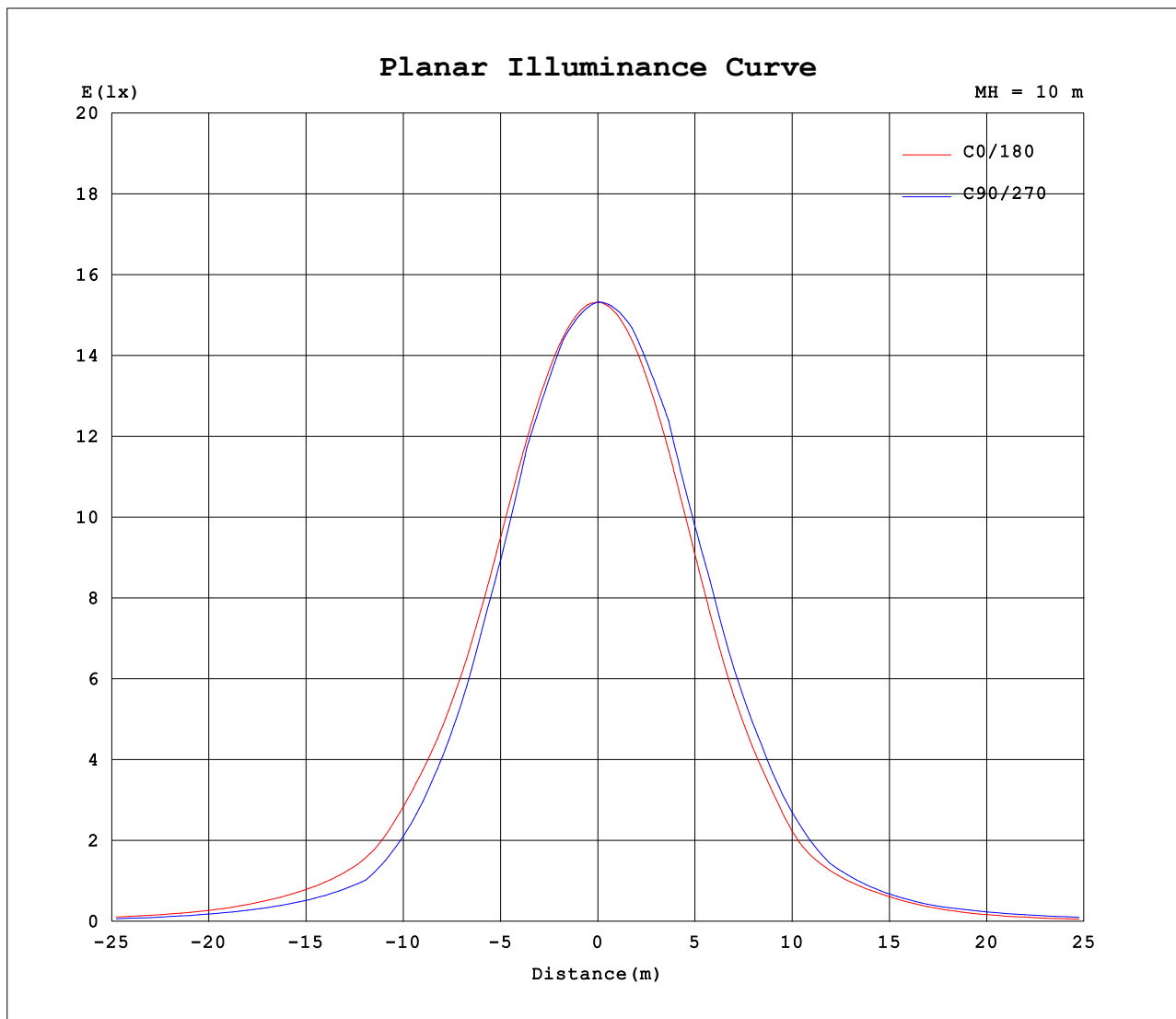
|                                                                   |       |                   |
|-------------------------------------------------------------------|-------|-------------------|
| Test:U:222.1V I:0.4490A P:98.00W PF:0.9800 Lamp Flux:12593.5x1 lm |       |                   |
| NAME: FS1008                                                      | TYPE: | WEIGHT:           |
| SPEC.:                                                            | DIM.: | SERIAL No.:       |
| MFR.: EVERFINE                                                    | SUR.: | PROTECTION ANGLE: |



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2026-09-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity:65.0%  
Test Distance:7.900m [K=1.2658]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2026-09-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity: 65.0%  
Test Distance: 7.900m [K=1.2658]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                   |  |  |  |  |  |  |  |  |       |  |  |  |  |                   |  |  |  |  |
|-------------------------------------------------------------------|--|--|--|--|--|--|--|--|-------|--|--|--|--|-------------------|--|--|--|--|
| Test:U:222.1V I:0.4490A P:98.00W PF:0.9800 Lamp Flux:12593.5x1 lm |  |  |  |  |  |  |  |  |       |  |  |  |  |                   |  |  |  |  |
| NAME: FS1008                                                      |  |  |  |  |  |  |  |  | TYPE: |  |  |  |  | WEIGHT:           |  |  |  |  |
| SPEC.:                                                            |  |  |  |  |  |  |  |  | DIM.: |  |  |  |  | SERIAL No.:       |  |  |  |  |
| MFR.: EVERFINE                                                    |  |  |  |  |  |  |  |  | SUR.: |  |  |  |  | PROTECTION ANGLE: |  |  |  |  |

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 |
| 5                  | 1529 | 1528 | 1527 | 1526 | 1525 | 1525 | 1524 | 1523 | 1523 | 1522 | 1522 | 1522 | 1522 | 1521 | 1521 | 1521 | 1520 | 1520 | 1520 |
| 10                 | 1515 | 1513 | 1511 | 1509 | 1508 | 1507 | 1506 | 1506 | 1506 | 1506 | 1507 | 1507 | 1507 | 1508 | 1509 | 1509 | 1509 | 1509 | 1508 |
| 15                 | 1487 | 1483 | 1479 | 1477 | 1476 | 1475 | 1476 | 1477 | 1479 | 1475 | 1471 | 1468 | 1466 | 1464 | 1463 | 1463 | 1462 | 1462 | 1461 |
| 20                 | 1439 | 1431 | 1426 | 1424 | 1423 | 1425 | 1425 | 1416 | 1409 | 1405 | 1403 | 1403 | 1404 | 1407 | 1409 | 1412 | 1414 | 1415 | 1414 |
| 25                 | 1359 | 1349 | 1343 | 1341 | 1342 | 1337 | 1326 | 1319 | 1315 | 1316 | 1319 | 1314 | 1307 | 1301 | 1297 | 1294 | 1292 | 1290 | 1289 |
| 30                 | 1248 | 1235 | 1228 | 1227 | 1222 | 1208 | 1200 | 1197 | 1197 | 1188 | 1181 | 1176 | 1172 | 1169 | 1167 | 1167 | 1166 | 1165 | 1164 |
| 35                 | 1115 | 1100 | 1093 | 1092 | 1074 | 1064 | 1059 | 1048 | 1041 | 1037 | 1036 | 1035 | 1019 | 1006 | 997  | 991  | 988  | 986  | 985  |
| 40                 | 971  | 955  | 950  | 934  | 916  | 913  | 885  | 870  | 872  | 874  | 855  | 836  | 821  | 811  | 806  | 804  | 805  | 806  | 806  |
| 45                 | 804  | 781  | 776  | 741  | 722  | 701  | 678  | 667  | 678  | 678  | 661  | 638  | 633  | 636  | 632  | 620  | 607  | 599  | 597  |
| 50                 | 596  | 577  | 558  | 522  | 503  | 481  | 472  | 492  | 506  | 509  | 512  | 511  | 510  | 501  | 479  | 445  | 412  | 393  | 389  |
| 55                 | 491  | 466  | 432  | 386  | 358  | 339  | 348  | 358  | 371  | 385  | 394  | 399  | 396  | 385  | 367  | 347  | 330  | 324  | 325  |
| 60                 | 391  | 370  | 345  | 317  | 289  | 284  | 283  | 279  | 280  | 279  | 277  | 277  | 275  | 273  | 267  | 261  | 256  | 259  | 261  |
| 65                 | 276  | 273  | 267  | 253  | 240  | 233  | 225  | 220  | 214  | 202  | 180  | 165  | 178  | 191  | 197  | 195  | 188  | 184  | 184  |
| 70                 | 186  | 194  | 197  | 190  | 180  | 168  | 164  | 162  | 159  | 151  | 140  | 134  | 136  | 143  | 143  | 135  | 123  | 110  | 107  |
| 75                 | 134  | 142  | 137  | 130  | 119  | 105  | 104  | 106  | 107  | 109  | 107  | 97.3 | 91.6 | 92.0 | 89.5 | 84.0 | 76.9 | 70.5 | 69.1 |
| 80                 | 114  | 106  | 90.2 | 78.0 | 70.4 | 65.9 | 64.2 | 56.2 | 52.5 | 51.5 | 48.5 | 43.3 | 39.8 | 38.7 | 36.1 | 33.3 | 31.7 | 31.0 | 31.3 |
| 85                 | 69.7 | 46.7 | 33.5 | 26.9 | 24.0 | 17.7 | 10.7 | 9.17 | 8.18 | 7.44 | 6.40 | 5.19 | 3.99 | 2.97 | 1.90 | 1.05 | 0.47 | 0.12 | 0.00 |
| 90                 | 11.1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 95                 | 112  | 103  | 94.8 | 90.9 | 88.8 | 85.6 | 79.9 | 67.4 | 56.0 | 45.6 | 36.3 | 28.0 | 20.7 | 14.4 | 9.27 | 5.22 | 2.32 | 0.58 | 0.00 |
| 100                | 251  | 246  | 239  | 231  | 224  | 215  | 203  | 203  | 203  | 200  | 198  | 192  | 184  | 176  | 169  | 163  | 158  | 154  | 152  |
| 105                | 458  | 457  | 455  | 443  | 432  | 417  | 402  | 397  | 387  | 374  | 370  | 372  | 372  | 370  | 368  | 366  | 364  | 361  | 359  |
| 110                | 754  | 750  | 745  | 736  | 718  | 698  | 685  | 669  | 651  | 658  | 659  | 652  | 640  | 625  | 608  | 594  | 581  | 571  | 565  |
| 115                | 1130 | 1135 | 1126 | 1122 | 1094 | 1069 | 1049 | 1035 | 1029 | 1017 | 1001 | 990  | 995  | 995  | 991  | 986  | 979  | 971  | 964  |
| 120                | 1560 | 1564 | 1551 | 1540 | 1537 | 1495 | 1474 | 1452 | 1443 | 1444 | 1432 | 1416 | 1400 | 1390 | 1384 | 1380 | 1377 | 1371 | 1364 |
| 125                | 1965 | 1957 | 1948 | 1941 | 1921 | 1912 | 1875 | 1869 | 1847 | 1834 | 1833 | 1840 | 1827 | 1804 | 1788 | 1775 | 1765 | 1756 | 1745 |
| 130                | 2297 | 2281 | 2277 | 2260 | 2248 | 2235 | 2231 | 2203 | 2196 | 2195 | 2172 | 2161 | 2155 | 2151 | 2149 | 2145 | 2143 | 2137 | 2127 |
| 135                | 2564 | 2549 | 2556 | 2530 | 2522 | 2509 | 2502 | 2508 | 2485 | 2470 | 2463 | 2464 | 2454 | 2440 | 2430 | 2421 | 2413 | 2404 | 2395 |
| 140                | 2791 | 2779 | 2782 | 2773 | 2758 | 2758 | 2744 | 2736 | 2734 | 2731 | 2714 | 2702 | 2695 | 2689 | 2686 | 2682 | 2676 | 2669 | 2662 |
| 145                | 2991 | 2979 | 2979 | 2986 | 2968 | 2959 | 2960 | 2949 | 2938 | 2932 | 2930 | 2930 | 2916 | 2903 | 2895 | 2886 | 2878 | 2871 | 2863 |
| 150                | 3163 | 3151 | 3148 | 3152 | 3148 | 3136 | 3128 | 3127 | 3127 | 3113 | 3103 | 3097 | 3091 | 3087 | 3083 | 3079 | 3075 | 3071 | 3063 |
| 155                | 3305 | 3295 | 3289 | 3288 | 3292 | 3288 | 3277 | 3268 | 3265 | 3264 | 3266 | 3258 | 3247 | 3239 | 3231 | 3224 | 3218 | 3213 | 3206 |
| 160                | 3421 | 3411 | 3405 | 3401 | 3401 | 3403 | 3403 | 3393 | 3384 | 3379 | 3375 | 3372 | 3369 | 3366 | 3363 | 3359 | 3357 | 3353 | 3349 |
| 165                | 3508 | 3499 | 3493 | 3488 | 3485 | 3484 | 3484 | 3486 | 3488 | 3482 | 3475 | 3468 | 3463 | 3458 | 3452 | 3449 | 3445 | 3441 | 3438 |
| 170                | 3568 | 3563 | 3558 | 3553 | 3550 | 3547 | 3544 | 3542 | 3540 | 3539 | 3538 | 3537 | 3536 | 3536 | 3535 | 3533 | 3530 | 3528 | 3526 |
| 175                | 3598 | 3595 | 3592 | 3590 | 3587 | 3585 | 3583 | 3581 | 3579 | 3577 | 3575 | 3574 | 3571 | 3569 | 3567 | 3566 | 3564 | 3563 | 3562 |
| 180                | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2026-09-09

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity:65.0%  
Test Distance:7.900m [K=1.2658]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                   |  |  |  |  |  |  |  |  |       |  |  |  |  |                   |  |  |  |  |
|-------------------------------------------------------------------|--|--|--|--|--|--|--|--|-------|--|--|--|--|-------------------|--|--|--|--|
| Test:U:222.1V I:0.4490A P:98.00W PF:0.9800 Lamp Flux:12593.5x1 lm |  |  |  |  |  |  |  |  |       |  |  |  |  |                   |  |  |  |  |
| NAME: FS1008                                                      |  |  |  |  |  |  |  |  | TYPE: |  |  |  |  | WEIGHT:           |  |  |  |  |
| SPEC.:                                                            |  |  |  |  |  |  |  |  | DIM.: |  |  |  |  | SERIAL No.:       |  |  |  |  |
| MFR.: EVERFINE                                                    |  |  |  |  |  |  |  |  | SUR.: |  |  |  |  | PROTECTION ANGLE: |  |  |  |  |

Table--2

UNIT: cd

| C (DEG)<br>γ (DEG) | 95   | 100  | 105  | 110  | 115  | 120  | 125  | 130  | 135  | 140  | 145  | 150  | 155  | 160  | 165  | 170  | 175  | 180  | 185  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 |
| 5                  | 1520 | 1520 | 1520 | 1519 | 1519 | 1519 | 1519 | 1519 | 1520 | 1520 | 1520 | 1520 | 1521 | 1522 | 1522 | 1523 | 1524 | 1525 | 1526 |
| 10                 | 1508 | 1507 | 1506 | 1505 | 1504 | 1502 | 1500 | 1499 | 1498 | 1497 | 1497 | 1497 | 1497 | 1498 | 1499 | 1501 | 1503 | 1505 | 1505 |
| 15                 | 1460 | 1459 | 1458 | 1458 | 1457 | 1457 | 1457 | 1459 | 1461 | 1463 | 1460 | 1458 | 1456 | 1456 | 1457 | 1459 | 1462 | 1467 | 1466 |
| 20                 | 1412 | 1409 | 1406 | 1402 | 1397 | 1393 | 1390 | 1388 | 1386 | 1387 | 1390 | 1396 | 1394 | 1391 | 1390 | 1392 | 1397 | 1405 | 1402 |
| 25                 | 1289 | 1289 | 1289 | 1290 | 1292 | 1295 | 1298 | 1300 | 1293 | 1288 | 1287 | 1288 | 1293 | 1294 | 1290 | 1291 | 1297 | 1308 | 1303 |
| 30                 | 1164 | 1164 | 1163 | 1162 | 1161 | 1161 | 1161 | 1162 | 1164 | 1168 | 1162 | 1158 | 1157 | 1160 | 1159 | 1157 | 1163 | 1175 | 1168 |
| 35                 | 985  | 987  | 991  | 996  | 1002 | 1012 | 1021 | 1017 | 1013 | 1011 | 1009 | 1012 | 1003 | 1000 | 1005 | 1001 | 1004 | 1017 | 1010 |
| 40                 | 805  | 807  | 809  | 812  | 815  | 819  | 828  | 840  | 848  | 831  | 819  | 826  | 842  | 828  | 831  | 837  | 839  | 854  | 844  |
| 45                 | 602  | 614  | 629  | 641  | 645  | 639  | 639  | 653  | 651  | 631  | 606  | 607  | 613  | 616  | 607  | 611  | 613  | 634  | 617  |
| 50                 | 399  | 425  | 458  | 491  | 513  | 520  | 517  | 505  | 486  | 467  | 438  | 401  | 399  | 403  | 414  | 442  | 461  | 480  | 465  |
| 55                 | 330  | 343  | 359  | 377  | 394  | 407  | 408  | 389  | 371  | 344  | 313  | 300  | 290  | 303  | 322  | 351  | 372  | 388  | 373  |
| 60                 | 263  | 269  | 271  | 270  | 268  | 273  | 277  | 279  | 282  | 272  | 260  | 252  | 252  | 255  | 266  | 273  | 272  | 271  | 273  |
| 65                 | 190  | 200  | 202  | 195  | 180  | 168  | 165  | 187  | 209  | 216  | 219  | 212  | 210  | 207  | 200  | 185  | 167  | 163  | 170  |
| 70                 | 117  | 132  | 139  | 139  | 132  | 129  | 136  | 147  | 156  | 158  | 153  | 147  | 146  | 148  | 136  | 118  | 99.5 | 90.4 | 99.6 |
| 75                 | 75.2 | 83.0 | 87.1 | 89.0 | 86.3 | 88.9 | 101  | 110  | 108  | 102  | 94.9 | 83.4 | 86.2 | 94.3 | 89.2 | 77.3 | 70.6 | 66.6 | 70.5 |
| 80                 | 33.1 | 34.5 | 36.7 | 40.1 | 41.0 | 43.6 | 48.2 | 52.0 | 52.8 | 52.2 | 52.2 | 54.5 | 55.1 | 56.9 | 57.7 | 56.0 | 54.4 | 51.9 | 54.5 |
| 85                 | 0.12 | 0.51 | 1.17 | 2.19 | 3.35 | 4.82 | 6.28 | 7.75 | 9.08 | 11.3 | 13.8 | 15.2 | 18.0 | 19.9 | 19.9 | 19.7 | 17.2 | 12.8 | 16.5 |
| 90                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.10 | 0.00 |
| 95                 | 0.57 | 2.26 | 5.01 | 8.77 | 13.5 | 19.2 | 25.7 | 33.0 | 40.8 | 49.2 | 58.1 | 67.7 | 69.0 | 67.3 | 63.1 | 58.5 | 48.1 | 36.1 | 40.0 |
| 100                | 152  | 153  | 156  | 159  | 164  | 169  | 173  | 176  | 176  | 174  | 169  | 160  | 163  | 161  | 156  | 146  | 133  | 127  | 131  |
| 105                | 356  | 353  | 349  | 344  | 340  | 336  | 331  | 324  | 325  | 331  | 330  | 322  | 317  | 313  | 305  | 290  | 275  | 268  | 272  |
| 110                | 564  | 564  | 566  | 571  | 578  | 585  | 590  | 590  | 580  | 563  | 563  | 555  | 543  | 542  | 527  | 508  | 490  | 488  | 486  |
| 115                | 959  | 954  | 947  | 940  | 931  | 920  | 908  | 910  | 912  | 904  | 883  | 875  | 870  | 856  | 836  | 825  | 795  | 793  | 788  |
| 120                | 1355 | 1344 | 1333 | 1321 | 1312 | 1308 | 1309 | 1314 | 1313 | 1296 | 1286 | 1284 | 1263 | 1256 | 1235 | 1214 | 1190 | 1195 | 1185 |
| 125                | 1736 | 1727 | 1721 | 1716 | 1713 | 1716 | 1715 | 1703 | 1695 | 1697 | 1699 | 1678 | 1674 | 1661 | 1665 | 1636 | 1623 | 1635 | 1623 |
| 130                | 2115 | 2102 | 2088 | 2074 | 2062 | 2055 | 2050 | 2051 | 2061 | 2042 | 2030 | 2034 | 2022 | 2022 | 2012 | 2004 | 1995 | 2009 | 2000 |
| 135                | 2388 | 2380 | 2372 | 2366 | 2365 | 2368 | 2367 | 2351 | 2340 | 2334 | 2338 | 2320 | 2319 | 2323 | 2310 | 2314 | 2306 | 2321 | 2312 |
| 140                | 2658 | 2651 | 2640 | 2629 | 2619 | 2610 | 2604 | 2601 | 2606 | 2597 | 2585 | 2582 | 2586 | 2572 | 2571 | 2572 | 2570 | 2586 | 2576 |
| 145                | 2857 | 2853 | 2846 | 2840 | 2837 | 2835 | 2835 | 2824 | 2815 | 2814 | 2815 | 2817 | 2806 | 2802 | 2810 | 2803 | 2805 | 2820 | 2810 |
| 150                | 3055 | 3050 | 3042 | 3033 | 3024 | 3018 | 3014 | 3011 | 3012 | 3017 | 3007 | 3001 | 3001 | 3005 | 3005 | 3002 | 3007 | 3022 | 3012 |
| 155                | 3201 | 3196 | 3192 | 3188 | 3185 | 3184 | 3184 | 3185 | 3177 | 3171 | 3168 | 3168 | 3173 | 3174 | 3168 | 3169 | 3176 | 3189 | 3181 |
| 160                | 3345 | 3340 | 3334 | 3328 | 3322 | 3317 | 3313 | 3310 | 3308 | 3309 | 3313 | 3319 | 3314 | 3309 | 3307 | 3310 | 3316 | 3327 | 3321 |
| 165                | 3434 | 3431 | 3428 | 3426 | 3423 | 3422 | 3422 | 3424 | 3427 | 3429 | 3424 | 3420 | 3417 | 3417 | 3418 | 3421 | 3427 | 3435 | 3431 |
| 170                | 3523 | 3520 | 3518 | 3515 | 3512 | 3509 | 3505 | 3503 | 3501 | 3499 | 3498 | 3497 | 3498 | 3500 | 3503 | 3506 | 3511 | 3517 | 3514 |
| 175                | 3561 | 3560 | 3559 | 3558 | 3557 | 3557 | 3557 | 3557 | 3557 | 3557 | 3558 | 3559 | 3560 | 3562 | 3564 | 3566 | 3569 | 3572 | 3570 |
| 180                | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2026-09-09

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
γ Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity:65.0%  
Test Distance:7.900m [K=1.2658]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                   |  |  |  |  |  |  |  |  |       |  |  |  |  |                   |  |  |  |  |
|-------------------------------------------------------------------|--|--|--|--|--|--|--|--|-------|--|--|--|--|-------------------|--|--|--|--|
| Test:U:222.1V I:0.4490A P:98.00W PF:0.9800 Lamp Flux:12593.5x1 lm |  |  |  |  |  |  |  |  |       |  |  |  |  |                   |  |  |  |  |
| NAME: FS1008                                                      |  |  |  |  |  |  |  |  | TYPE: |  |  |  |  | WEIGHT:           |  |  |  |  |
| SPEC.:                                                            |  |  |  |  |  |  |  |  | DIM.: |  |  |  |  | SERIAL No.:       |  |  |  |  |
| MFR.: EVERFINE                                                    |  |  |  |  |  |  |  |  | SUR.: |  |  |  |  | PROTECTION ANGLE: |  |  |  |  |

Table--3

UNIT: cd

| C (DEG)<br>γ (DEG) | 190  | 195  | 200  | 205  | 210  | 215  | 220  | 225  | 230  | 235  | 240  | 245  | 250  | 255  | 260  | 265  | 270  | 275  | 280  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 |
| 5                  | 1526 | 1526 | 1526 | 1527 | 1527 | 1528 | 1529 | 1529 | 1530 | 1531 | 1532 | 1532 | 1533 | 1534 | 1534 | 1535 | 1535 | 1535 | 1535 |
| 10                 | 1506 | 1506 | 1507 | 1509 | 1511 | 1513 | 1516 | 1519 | 1521 | 1524 | 1527 | 1529 | 1531 | 1533 | 1535 | 1537 | 1537 | 1538 | 1538 |
| 15                 | 1466 | 1468 | 1470 | 1474 | 1480 | 1484 | 1490 | 1493 | 1495 | 1496 | 1500 | 1503 | 1507 | 1509 | 1512 | 1514 | 1515 | 1517 | 1517 |
| 20                 | 1402 | 1405 | 1410 | 1419 | 1425 | 1426 | 1429 | 1433 | 1440 | 1448 | 1457 | 1464 | 1473 | 1481 | 1486 | 1491 | 1494 | 1495 | 1494 |
| 25                 | 1303 | 1308 | 1318 | 1323 | 1325 | 1331 | 1341 | 1354 | 1368 | 1372 | 1375 | 1378 | 1382 | 1386 | 1390 | 1394 | 1397 | 1400 | 1402 |
| 30                 | 1169 | 1177 | 1186 | 1189 | 1198 | 1211 | 1225 | 1229 | 1235 | 1242 | 1250 | 1261 | 1271 | 1280 | 1289 | 1295 | 1301 | 1304 | 1304 |
| 35                 | 1011 | 1021 | 1025 | 1035 | 1053 | 1061 | 1070 | 1079 | 1092 | 1106 | 1111 | 1116 | 1122 | 1127 | 1132 | 1137 | 1141 | 1145 | 1148 |
| 40                 | 848  | 850  | 858  | 878  | 874  | 883  | 905  | 921  | 920  | 928  | 940  | 951  | 959  | 965  | 971  | 977  | 982  | 986  | 988  |
| 45                 | 622  | 628  | 648  | 653  | 659  | 676  | 700  | 713  | 720  | 737  | 765  | 776  | 772  | 763  | 759  | 760  | 764  | 769  | 776  |
| 50                 | 451  | 429  | 425  | 422  | 435  | 476  | 507  | 522  | 559  | 590  | 606  | 602  | 582  | 557  | 543  | 543  | 546  | 552  | 560  |
| 55                 | 353  | 325  | 310  | 297  | 307  | 319  | 367  | 414  | 456  | 481  | 476  | 466  | 452  | 436  | 428  | 427  | 432  | 435  | 440  |
| 60                 | 277  | 269  | 255  | 254  | 256  | 270  | 295  | 322  | 340  | 352  | 352  | 352  | 347  | 334  | 323  | 315  | 317  | 321  | 331  |
| 65                 | 189  | 205  | 214  | 219  | 228  | 241  | 238  | 238  | 231  | 228  | 238  | 253  | 263  | 261  | 255  | 247  | 247  | 250  | 258  |
| 70                 | 120  | 142  | 159  | 163  | 172  | 181  | 186  | 181  | 171  | 161  | 158  | 170  | 187  | 193  | 190  | 181  | 177  | 180  | 189  |
| 75                 | 78.6 | 94.2 | 102  | 97.6 | 102  | 118  | 131  | 134  | 129  | 114  | 111  | 122  | 138  | 142  | 139  | 130  | 127  | 131  | 138  |
| 80                 | 56.4 | 61.2 | 62.1 | 61.7 | 59.7 | 68.8 | 80.8 | 88.9 | 94.5 | 94.6 | 93.8 | 95.0 | 98.6 | 94.5 | 88.8 | 80.2 | 77.1 | 81.5 | 88.5 |
| 85                 | 20.9 | 24.5 | 29.0 | 33.3 | 37.2 | 33.4 | 28.1 | 25.5 | 23.2 | 19.0 | 13.7 | 9.29 | 6.00 | 3.21 | 1.34 | 0.30 | 0.00 | 0.31 | 1.34 |
| 90                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 95                 | 51.7 | 52.9 | 50.5 | 44.9 | 38.0 | 33.4 | 28.2 | 23.2 | 18.5 | 14.3 | 10.6 | 7.48 | 4.82 | 2.73 | 1.22 | 0.31 | 0.00 | 0.31 | 1.24 |
| 100                | 142  | 149  | 150  | 147  | 138  | 135  | 134  | 129  | 124  | 117  | 110  | 103  | 95.6 | 89.6 | 84.7 | 82.1 | 81.3 | 82.9 | 86.4 |
| 105                | 283  | 295  | 301  | 300  | 295  | 295  | 287  | 271  | 263  | 265  | 266  | 266  | 266  | 266  | 266  | 268  | 270  | 273  | 276  |
| 110                | 498  | 514  | 527  | 524  | 526  | 522  | 511  | 519  | 522  | 520  | 511  | 498  | 484  | 472  | 461  | 456  | 458  | 466  | 481  |
| 115                | 810  | 816  | 833  | 843  | 839  | 834  | 847  | 850  | 844  | 839  | 853  | 862  | 870  | 875  | 878  | 884  | 893  | 905  | 919  |
| 120                | 1202 | 1217 | 1232 | 1237 | 1253 | 1250 | 1250 | 1265 | 1280 | 1284 | 1284 | 1282 | 1285 | 1292 | 1300 | 1312 | 1328 | 1344 | 1359 |
| 125                | 1635 | 1669 | 1659 | 1674 | 1674 | 1697 | 1695 | 1695 | 1714 | 1745 | 1758 | 1755 | 1751 | 1750 | 1752 | 1761 | 1773 | 1787 | 1803 |
| 130                | 2014 | 2030 | 2043 | 2045 | 2055 | 2052 | 2073 | 2107 | 2102 | 2109 | 2122 | 2142 | 2159 | 2175 | 2190 | 2205 | 2218 | 2227 | 2232 |
| 135                | 2327 | 2330 | 2352 | 2351 | 2353 | 2370 | 2372 | 2389 | 2412 | 2438 | 2450 | 2453 | 2462 | 2469 | 2478 | 2489 | 2499 | 2507 | 2515 |
| 140                | 2583 | 2589 | 2599 | 2622 | 2619 | 2623 | 2634 | 2652 | 2661 | 2674 | 2691 | 2709 | 2728 | 2743 | 2758 | 2771 | 2780 | 2785 | 2790 |
| 145                | 2812 | 2824 | 2825 | 2835 | 2855 | 2859 | 2863 | 2871 | 2886 | 2906 | 2913 | 2919 | 2931 | 2941 | 2950 | 2960 | 2968 | 2971 | 2979 |
| 150                | 3011 | 3019 | 3027 | 3031 | 3041 | 3057 | 3074 | 3073 | 3075 | 3082 | 3088 | 3103 | 3117 | 3127 | 3136 | 3148 | 3155 | 3156 | 3161 |
| 155                | 3179 | 3183 | 3194 | 3200 | 3203 | 3210 | 3219 | 3231 | 3245 | 3246 | 3250 | 3257 | 3262 | 3268 | 3272 | 3278 | 3287 | 3288 | 3293 |
| 160                | 3319 | 3321 | 3327 | 3337 | 3346 | 3346 | 3348 | 3351 | 3358 | 3365 | 3375 | 3382 | 3391 | 3397 | 3404 | 3409 | 3418 | 3418 | 3422 |
| 165                | 3429 | 3430 | 3432 | 3437 | 3444 | 3451 | 3459 | 3460 | 3461 | 3463 | 3466 | 3470 | 3473 | 3478 | 3481 | 3486 | 3492 | 3493 | 3497 |
| 170                | 3512 | 3511 | 3511 | 3512 | 3514 | 3517 | 3521 | 3525 | 3529 | 3534 | 3539 | 3544 | 3549 | 3553 | 3557 | 3562 | 3565 | 3568 | 3570 |
| 175                | 3569 | 3568 | 3568 | 3568 | 3568 | 3568 | 3569 | 3570 | 3571 | 3572 | 3573 | 3574 | 3576 | 3577 | 3579 | 3580 | 3582 | 3583 | 3584 |
| 180                | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2026-09-09

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity:65.0%  
Test Distance:7.900m [K=1.2658]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                   |  |  |  |  |  |  |  |  |       |  |  |  |  |  |                   |  |  |
|-------------------------------------------------------------------|--|--|--|--|--|--|--|--|-------|--|--|--|--|--|-------------------|--|--|
| Test:U:222.1V I:0.4490A P:98.00W PF:0.9800 Lamp Flux:12593.5x1 lm |  |  |  |  |  |  |  |  |       |  |  |  |  |  |                   |  |  |
| NAME: FS1008                                                      |  |  |  |  |  |  |  |  | TYPE: |  |  |  |  |  | WEIGHT:           |  |  |
| SPEC.:                                                            |  |  |  |  |  |  |  |  | DIM.: |  |  |  |  |  | SERIAL No.:       |  |  |
| MFR.: EVERFINE                                                    |  |  |  |  |  |  |  |  | SUR.: |  |  |  |  |  | PROTECTION ANGLE: |  |  |

Table--4

UNIT: cd

| C (DEG)<br>γ (DEG) | 285  | 290  | 295  | 300  | 305  | 310  | 315  | 320  | 325  | 330  | 335  | 340  | 345   | 350  | 355  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|--|--|--|--|
| 0                  | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532 | 1532  | 1532 | 1532 |  |  |  |  |
| 5                  | 1535 | 1535 | 1535 | 1534 | 1534 | 1534 | 1533 | 1533 | 1532 | 1532 | 1531 | 1531 | 1530  | 1530 | 1530 |  |  |  |  |
| 10                 | 1537 | 1536 | 1536 | 1534 | 1531 | 1530 | 1528 | 1526 | 1524 | 1523 | 1521 | 1519 | 1517  | 1516 | 1516 |  |  |  |  |
| 15                 | 1517 | 1516 | 1514 | 1513 | 1513 | 1512 | 1511 | 1511 | 1507 | 1501 | 1497 | 1494 | 1490  | 1488 | 1487 |  |  |  |  |
| 20                 | 1493 | 1487 | 1484 | 1478 | 1472 | 1468 | 1465 | 1462 | 1462 | 1463 | 1457 | 1450 | 1445  | 1440 | 1439 |  |  |  |  |
| 25                 | 1402 | 1404 | 1405 | 1406 | 1409 | 1409 | 1399 | 1390 | 1385 | 1382 | 1384 | 1380 | 1369  | 1362 | 1359 |  |  |  |  |
| 30                 | 1303 | 1300 | 1297 | 1293 | 1291 | 1289 | 1289 | 1291 | 1281 | 1272 | 1268 | 1269 | 1264  | 1252 | 1247 |  |  |  |  |
| 35                 | 1152 | 1155 | 1159 | 1163 | 1166 | 1158 | 1151 | 1145 | 1142 | 1141 | 1130 | 1128 | 1133  | 1120 | 1113 |  |  |  |  |
| 40                 | 991  | 993  | 996  | 996  | 993  | 993  | 1000 | 995  | 984  | 981  | 985  | 977  | 979   | 978  | 969  |  |  |  |  |
| 45                 | 788  | 805  | 819  | 823  | 809  | 795  | 795  | 804  | 814  | 799  | 801  | 807  | 804   | 818  | 803  |  |  |  |  |
| 50                 | 579  | 609  | 635  | 650  | 644  | 621  | 590  | 597  | 599  | 595  | 585  | 588  | 591   | 600  | 596  |  |  |  |  |
| 55                 | 452  | 470  | 488  | 503  | 512  | 502  | 474  | 442  | 411  | 408  | 395  | 414  | 444   | 467  | 484  |  |  |  |  |
| 60                 | 344  | 357  | 369  | 377  | 381  | 380  | 368  | 343  | 320  | 310  | 316  | 322  | 349   | 371  | 388  |  |  |  |  |
| 65                 | 266  | 271  | 270  | 262  | 252  | 257  | 266  | 265  | 263  | 261  | 266  | 272  | 278   | 286  | 280  |  |  |  |  |
| 70                 | 194  | 196  | 187  | 176  | 175  | 185  | 196  | 201  | 203  | 204  | 207  | 212  | 214   | 210  | 196  |  |  |  |  |
| 75                 | 143  | 145  | 133  | 121  | 121  | 132  | 145  | 148  | 145  | 139  | 141  | 150  | 155   | 156  | 146  |  |  |  |  |
| 80                 | 96.0 | 102  | 98.4 | 97.0 | 98.5 | 101  | 99.9 | 96.6 | 91.3 | 83.4 | 87.7 | 92.7 | 100.0 | 106  | 115  |  |  |  |  |
| 85                 | 3.27 | 6.19 | 9.45 | 14.0 | 19.8 | 25.8 | 29.7 | 33.9 | 41.3 | 51.0 | 49.6 | 49.3 | 51.2  | 57.9 | 66.3 |  |  |  |  |
| 90                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |  |  |  |  |
| 95                 | 2.80 | 4.98 | 7.82 | 11.3 | 15.5 | 20.4 | 26.1 | 32.6 | 39.9 | 48.2 | 60.3 | 71.6 | 82.6  | 94.9 | 108  |  |  |  |  |
| 100                | 92.4 | 100  | 109  | 120  | 130  | 141  | 151  | 160  | 168  | 174  | 196  | 213  | 230   | 246  | 250  |  |  |  |  |
| 105                | 281  | 286  | 291  | 296  | 301  | 302  | 323  | 354  | 376  | 388  | 413  | 440  | 458   | 469  | 465  |  |  |  |  |
| 110                | 501  | 524  | 551  | 579  | 605  | 624  | 641  | 648  | 682  | 709  | 728  | 750  | 766   | 767  | 762  |  |  |  |  |
| 115                | 934  | 947  | 960  | 973  | 982  | 1012 | 1052 | 1087 | 1107 | 1117 | 1134 | 1150 | 1169  | 1158 | 1153 |  |  |  |  |
| 120                | 1371 | 1383 | 1400 | 1426 | 1460 | 1500 | 1541 | 1549 | 1556 | 1577 | 1576 | 1598 | 1592  | 1587 | 1582 |  |  |  |  |
| 125                | 1818 | 1838 | 1863 | 1900 | 1931 | 1932 | 1940 | 1960 | 1983 | 1969 | 1985 | 1980 | 1995  | 1986 | 1978 |  |  |  |  |
| 130                | 2234 | 2234 | 2237 | 2244 | 2257 | 2277 | 2306 | 2300 | 2298 | 2310 | 2301 | 2302 | 2306  | 2316 | 2303 |  |  |  |  |
| 135                | 2521 | 2529 | 2538 | 2554 | 2562 | 2561 | 2568 | 2577 | 2589 | 2574 | 2573 | 2578 | 2571  | 2588 | 2566 |  |  |  |  |
| 140                | 2790 | 2790 | 2788 | 2788 | 2794 | 2801 | 2816 | 2817 | 2809 | 2811 | 2817 | 2805 | 2806  | 2804 | 2790 |  |  |  |  |
| 145                | 2985 | 2992 | 2996 | 3003 | 3012 | 3010 | 3008 | 3008 | 3014 | 3016 | 3007 | 3005 | 3012  | 2996 | 2988 |  |  |  |  |
| 150                | 3167 | 3170 | 3170 | 3170 | 3169 | 3173 | 3179 | 3190 | 3184 | 3178 | 3175 | 3181 | 3174  | 3163 | 3159 |  |  |  |  |
| 155                | 3299 | 3305 | 3308 | 3312 | 3321 | 3326 | 3320 | 3318 | 3317 | 3320 | 3325 | 3322 | 3310  | 3304 | 3302 |  |  |  |  |
| 160                | 3422 | 3424 | 3426 | 3423 | 3424 | 3425 | 3426 | 3429 | 3434 | 3441 | 3434 | 3426 | 3420  | 3417 | 3417 |  |  |  |  |
| 165                | 3501 | 3502 | 3506 | 3509 | 3513 | 3516 | 3521 | 3524 | 3518 | 3513 | 3508 | 3505 | 3503  | 3503 | 3505 |  |  |  |  |
| 170                | 3571 | 3571 | 3571 | 3570 | 3569 | 3568 | 3567 | 3565 | 3564 | 3563 | 3563 | 3563 | 3563  | 3564 | 3566 |  |  |  |  |
| 175                | 3585 | 3586 | 3588 | 3588 | 3589 | 3590 | 3591 | 3592 | 3592 | 3593 | 3593 | 3594 | 3595  | 3596 | 3597 |  |  |  |  |
| 180                | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599 | 3599  | 3599 | 3599 |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2026-09-09

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity:65.0%  
Test Distance:7.900m [K=1.2658]  
Remarks: