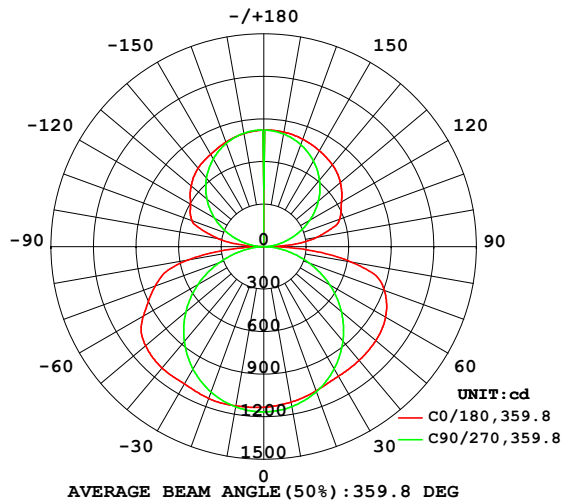


## LUMINAIRE PHOTOMETRIC TEST REPORT

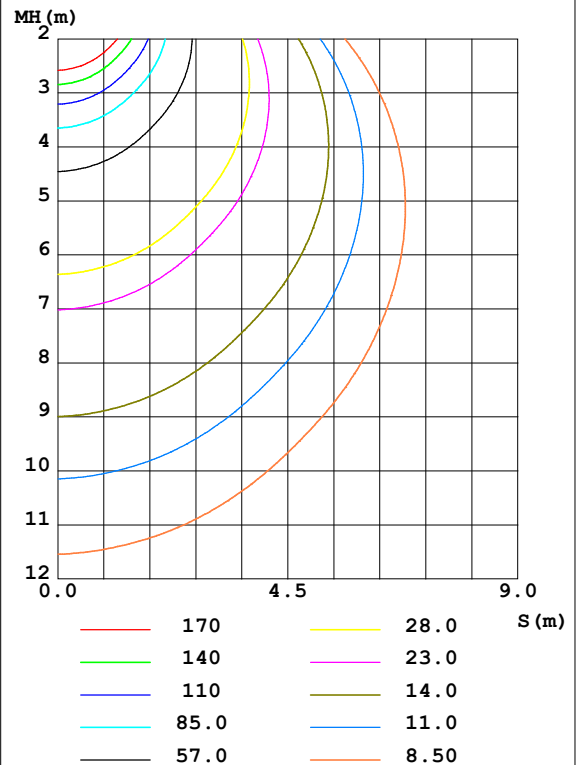
|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:120.5V I:0.4540A P:54.40W PF:0.9900 Freq:60.00Hz Lamp Flux:7538.59x1 lm |               |                  |
| NAME: 14代 8FT                                                                  | TYPE:3500K    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:         | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:2.4*0.07 | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 138.58 lm/W |         |                   |           |
|------------------|---------|-----------------------------------|---------|-------------------|-----------|
| MODEL            |         | I <sub>max</sub> (cd)             | 1170    | S/MH(C0/180)      | 1.43      |
| NOMINAL POWER(W) | 60W     | LOR(%)                            | 100.0   | S/MH(C90/270)     | 1.27      |
| RATED VOLTAGE(V) | 120.0   | TOTAL FLUX(lm)                    | 7538.6  | η UP,DN(C0-180)   | 19.9,29.9 |
| NOMINAL FLUX(lm) | 7538.59 | CIE CLASS                         | DIFFUSE | η UP,DN(C180-360) | 20.6,29.6 |
| LAMPS INSIDE     | 1       | η up(%)                           | 40.5    | CIBSE SHR NOM     | 1.50      |
| TEST VOLTAGE(V)  | 120.0   | η down(%)                         | 59.5    | CIBSE SHR MAX     | 1.55      |

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:  
Test Date:

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity: 65.0%  
Test Distance: 10.000m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

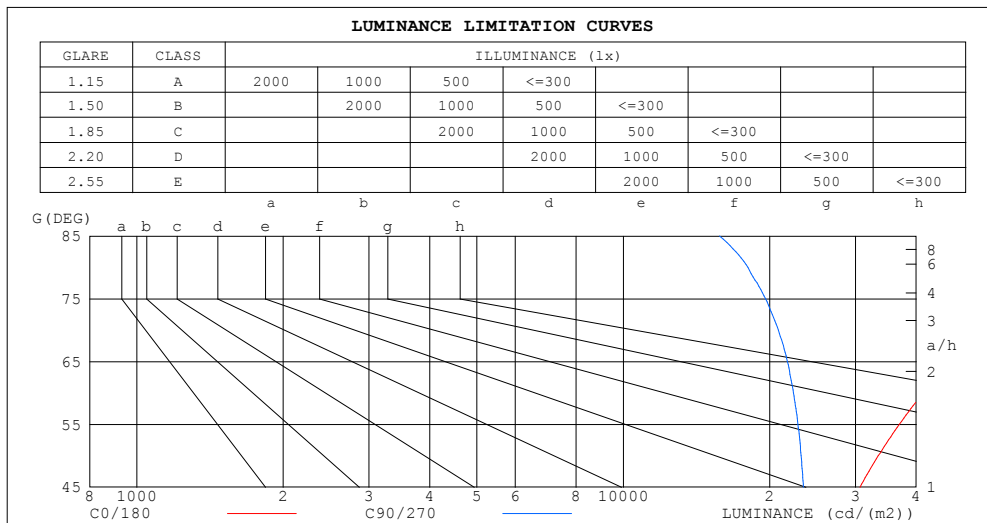
| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------------|
| 10       | 1114                  | 1146  | 1145  | 1147  | 1140  | 1160  | 1147  | 1143  | 0- 10    | 109.8       | 109.8        | 1.46,1.46  |
| 20       | 1082                  | 1092  | 1088  | 1111  | 1139  | 1124  | 1091  | 1103  | 10- 20   | 318.7       | 428.5        | 5.68,5.68  |
| 30       | 1055                  | 1008  | 994.4 | 1051  | 1119  | 1065  | 998.0 | 1039  | 20- 30   | 496.1       | 924.6        | 12.3,12.3  |
| 40       | 1047                  | 916.5 | 869.5 | 976.2 | 1117  | 987.9 | 872.0 | 962.7 | 30- 40   | 629.7       | 1554         | 20.6,20.6  |
| 50       | 1032                  | 827.5 | 716.2 | 902.4 | 1088  | 907.4 | 717.7 | 876.0 | 40- 50   | 714.9       | 2269         | 30.1,30.1  |
| 60       | 991.9                 | 734.9 | 537.3 | 803.2 | 980.8 | 780.1 | 537.6 | 763.6 | 50- 60   | 738.0       | 3007         | 39.9,39.9  |
| 70       | 904.8                 | 624.7 | 342.1 | 671.0 | 815.8 | 644.7 | 337.4 | 606.7 | 60- 70   | 681.3       | 3689         | 48.9,48.9  |
| 80       | 624.5                 | 496.0 | 150.3 | 505.2 | 539.3 | 468.3 | 136.4 | 412.3 | 70- 80   | 555.7       | 4244         | 56.3,56.3  |
| 90       | 55.88                 | 52.92 | 9.508 | 47.96 | 8.043 | 47.26 | 9.877 | 39.99 | 80- 90   | 238.8       | 4483         | 59.5,59.5  |
| 100      | 378.1                 | 270.7 | 98.53 | 253.6 | 323.6 | 311.8 | 119.6 | 315.8 | 90-100   | 152.1       | 4635         | 61.5,61.5  |
| 110      | 570.3                 | 422.3 | 235.7 | 396.5 | 539.5 | 422.2 | 260.1 | 425.9 | 100-110  | 361.4       | 4997         | 66.3,66.3  |
| 120      | 633.7                 | 519.1 | 376.9 | 491.0 | 597.0 | 523.0 | 400.1 | 532.6 | 110-120  | 452.8       | 5449         | 72.3,72.3  |
| 130      | 705.6                 | 609.7 | 502.8 | 581.2 | 669.1 | 607.1 | 524.8 | 618.5 | 120-130  | 497.5       | 5947         | 78.9,78.9  |
| 140      | 754.1                 | 679.3 | 611.9 | 651.4 | 721.7 | 671.8 | 630.1 | 688.2 | 130-140  | 494.0       | 6441         | 85.4,85.4  |
| 150      | 782.7                 | 739.4 | 699.9 | 716.4 | 752.2 | 733.7 | 713.9 | 748.7 | 140-150  | 442.5       | 6883         | 91.3,91.3  |
| 160      | 806.9                 | 785.7 | 765.6 | 771.1 | 784.6 | 782.0 | 775.4 | 792.1 | 150-160  | 351.2       | 7235         | 96,96      |
| 170      | 820.5                 | 814.0 | 807.3 | 806.9 | 810.3 | 812.7 | 812.6 | 817.3 | 160-170  | 226.1       | 7461         | 99,99      |
| 180      | 410.7                 | 410.7 | 410.7 | 410.7 | 410.7 | 410.7 | 410.7 | 410.7 | 170-180  | 78.01       | 7539         | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |          | UNIT:lm     |              |            |

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
 Humidity:65.0%  
 Test Distance:10.000m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:120.5V I:0.4540A P:54.40W PF:0.9900 Freq:60.00Hz Lamp Flux:7538.59x1 lm |               |                  |
| NAME: 14代 8FT                                                                  | TYPE:3500K    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:         | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:2.4*0.07 | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 83211  | 15754   |
| 80                | 74926  | 18032   |
| 75                | 66624  | 19610   |
| 70                | 55116  | 20838   |
| 65                | 47136  | 21750   |
| 60                | 41331  | 22388   |
| 55                | 36937  | 22861   |
| 50                | 33445  | 23212   |
| 45                | 30670  | 23460   |

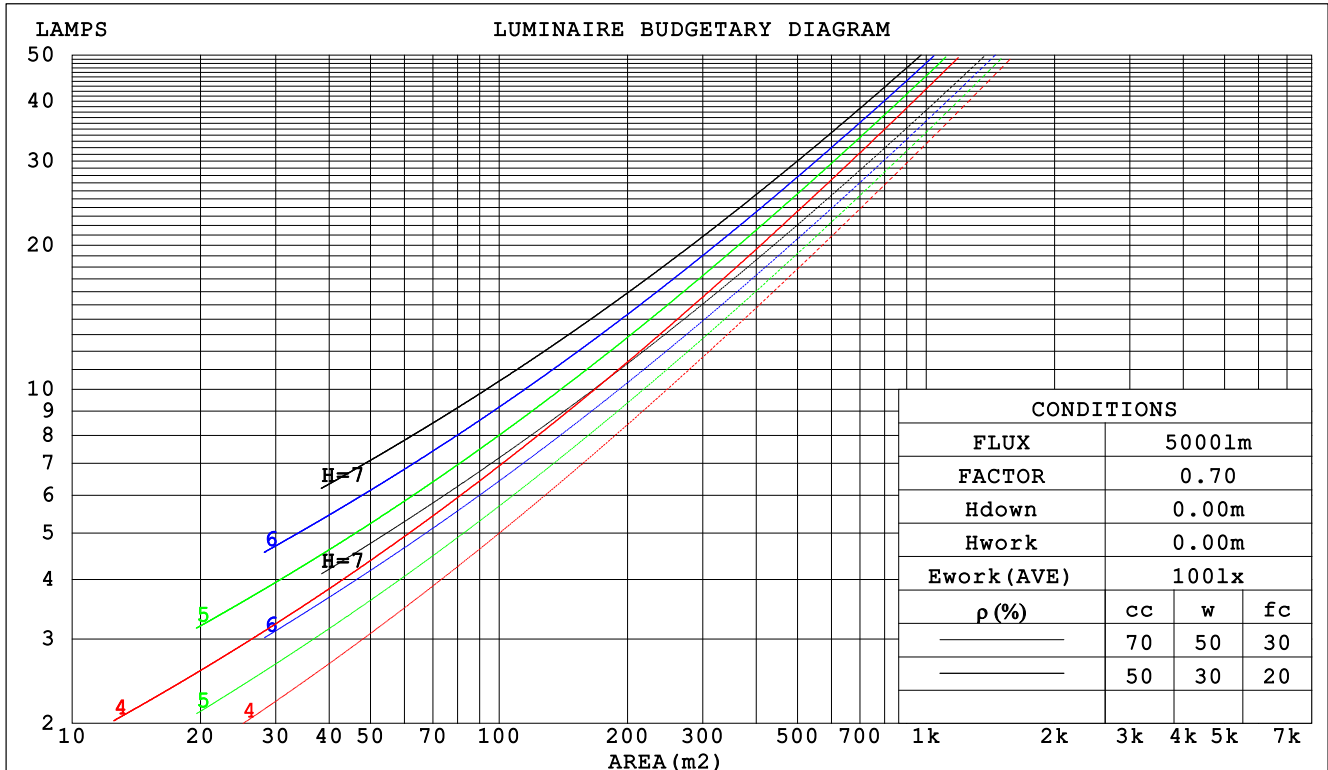
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:120.5V I:0.4540A P:54.40W PF:0.9900 Freq:60.00Hz Lamp Flux:7538.59x1 lm |               |                  |
| NAME: 14代 8FT                                                                  | TYPE:3500K    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:         | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:2.4*0.07 | 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         | 1.09                  | 1.09 | 1.09 | 1.02 | 1.02 | 1.02 | .89                             | .89 | .89 | .76 | .76 | .76 | .65 | .65 | .65 | .59 |
| 1.0         | .93                   | .88  | .84  | .87  | .83  | .79  | .75                             | .72 | .69 | .64 | .62 | .60 | .55 | .53 | .51 | .46 |
| 2.0         | .80                   | .73  | .67  | .74  | .68  | .63  | .64                             | .60 | .55 | .55 | .51 | .48 | .47 | .44 | .41 | .37 |
| 3.0         | .69                   | .61  | .54  | .65  | .57  | .51  | .56                             | .50 | .45 | .48 | .43 | .40 | .40 | .37 | .34 | .30 |
| 4.0         | .61                   | .52  | .45  | .57  | .49  | .43  | .49                             | .43 | .38 | .42 | .37 | .33 | .35 | .32 | .29 | .25 |
| 5.0         | .54                   | .45  | .38  | .50  | .42  | .36  | .44                             | .37 | .32 | .37 | .32 | .28 | .32 | .28 | .24 | .21 |
| 6.0         | .48                   | .39  | .33  | .45  | .37  | .31  | .39                             | .33 | .28 | .34 | .28 | .24 | .28 | .24 | .21 | .18 |
| 7.0         | .43                   | .35  | .29  | .40  | .33  | .27  | .35                             | .29 | .24 | .30 | .25 | .21 | .26 | .22 | .19 | .16 |
| 8.0         | .39                   | .31  | .25  | .37  | .29  | .24  | .32                             | .26 | .21 | .28 | .23 | .19 | .24 | .20 | .16 | .14 |
| 9.0         | .36                   | .28  | .22  | .33  | .26  | .21  | .29                             | .23 | .19 | .25 | .20 | .17 | .22 | .18 | .15 | .13 |
| 10.0        | .33                   | .25  | .20  | .31  | .24  | .19  | .27                             | .21 | .17 | .23 | .19 | .15 | .20 | .16 | .13 | .11 |



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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                                                                |  |  |               |  |                  |
|--------------------------------------------------------------------------------|--|--|---------------|--|------------------|
| Test:U:120.5V I:0.4540A P:54.40W PF:0.9900 Freq:60.00Hz Lamp Flux:7538.59x1 lm |  |  |               |  |                  |
| NAME: 14代 8FT                                                                  |  |  | TYPE:3500K    |  | WEIGHT:          |
| SPEC.:                                                                         |  |  | DIM.:         |  | SERIAL No.:      |
| MFR.: EVERFINE                                                                 |  |  | SUR.:2.4*0.07 |  | 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  | .332                  | .189 | .060 | .313 | .178 | .057 | .276                            | .159 | .051 | .243 | .140 | .045 | .212 | .123 | .040 |   |  |
| 2.0  | .300                  | .164 | .050 | .282 | .155 | .048 | .249                            | .138 | .043 | .218 | .123 | .038 | .190 | .108 | .034 |   |  |
| 3.0  | .271                  | .144 | .043 | .255 | .137 | .041 | .225                            | .122 | .037 | .197 | .108 | .033 | .171 | .095 | .029 |   |  |
| 4.0  | .247                  | .128 | .038 | .233 | .122 | .036 | .205                            | .109 | .032 | .179 | .096 | .029 | .155 | .084 | .026 |   |  |
| 5.0  | .227                  | .115 | .033 | .213 | .109 | .032 | .188                            | .098 | .029 | .164 | .087 | .026 | .142 | .076 | .023 |   |  |
| 6.0  | .209                  | .105 | .030 | .196 | .099 | .029 | .173                            | .089 | .026 | .151 | .079 | .023 | .131 | .069 | .020 |   |  |
| 7.0  | .193                  | .096 | .027 | .182 | .091 | .026 | .160                            | .081 | .023 | .140 | .072 | .021 | .121 | .063 | .018 |   |  |
| 8.0  | .180                  | .088 | .025 | .169 | .083 | .024 | .149                            | .075 | .021 | .130 | .066 | .019 | .113 | .058 | .017 |   |  |
| 9.0  | .168                  | .081 | .023 | .158 | .077 | .022 | .140                            | .069 | .020 | .122 | .061 | .017 | .105 | .054 | .015 |   |  |
| 10.0 | .158                  | .076 | .021 | .148 | .072 | .020 | .131                            | .064 | .018 | .115 | .057 | .016 | .099 | .050 | .014 |   |  |

| 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  | .499                  | .499 | .499 | .427 | .427 | .427 | .291                                       | .291 | .291 | .167 | .167 | .167 | .053 | .053 | .053 |   |
| 1.0  | .493                  | .467 | .444 | .422 | .401 | .382 | .289                                       | .276 | .264 | .166 | .160 | .154 | .053 | .051 | .050 |   |
| 2.0  | .487                  | .445 | .411 | .417 | .383 | .355 | .286                                       | .265 | .248 | .165 | .154 | .145 | .053 | .050 | .047 |   |
| 3.0  | .480                  | .429 | .389 | .411 | .370 | .337 | .282                                       | .257 | .237 | .163 | .150 | .140 | .052 | .049 | .046 |   |
| 4.0  | .473                  | .417 | .375 | .406 | .361 | .326 | .279                                       | .251 | .229 | .161 | .147 | .136 | .052 | .048 | .045 |   |
| 5.0  | .466                  | .408 | .365 | .400 | .353 | .318 | .276                                       | .247 | .224 | .160 | .145 | .133 | .051 | .047 | .044 |   |
| 6.0  | .459                  | .401 | .358 | .395 | .347 | .312 | .272                                       | .243 | .221 | .158 | .143 | .131 | .051 | .047 | .043 |   |
| 7.0  | .453                  | .394 | .353 | .389 | .342 | .308 | .269                                       | .240 | .218 | .156 | .141 | .130 | .051 | .046 | .043 |   |
| 8.0  | .447                  | .389 | .349 | .384 | .337 | .305 | .266                                       | .237 | .216 | .155 | .140 | .129 | .050 | .046 | .043 |   |
| 9.0  | .441                  | .384 | .346 | .380 | .334 | .302 | .263                                       | .235 | .215 | .153 | .139 | .128 | .050 | .045 | .042 |   |
| 10.0 | .435                  | .381 | .344 | .375 | .330 | .300 | .260                                       | .233 | .213 | .152 | .137 | .127 | .049 | .045 | .042 |   |

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

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

|                                                                                |                  |      |      |      |               |                |      |                  |      |      |
|--------------------------------------------------------------------------------|------------------|------|------|------|---------------|----------------|------|------------------|------|------|
| Test:U:120.5V I:0.4540A P:54.40W PF:0.9900 Freq:60.00Hz Lamp Flux:7538.59x1 lm |                  |      |      |      |               |                |      |                  |      |      |
| NAME: 14代 8FT                                                                  |                  |      |      |      | TYPE:3500K    |                |      | WEIGHT:          |      |      |
| SPEC.:                                                                         |                  |      |      |      | DIM.:         |                |      | SERIAL No.:      |      |      |
| MFR.: EVERFINE                                                                 |                  |      |      |      | SUR.:2.4*0.07 |                |      | 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                                                                  | 23.3             | 24.4 | 24.0 | 25.1 | 26.1          | 20.9           | 21.9 | 21.6             | 22.7 | 23.7 |
| 3H                                                                             | 26.2             | 27.2 | 27.0 | 28.0 | 29.0          | 22.4           | 23.4 | 23.2             | 24.2 | 25.2 |
| 4H                                                                             | 27.8             | 28.7 | 28.6 | 29.5 | 30.5          | 23.1           | 24.0 | 23.9             | 24.8 | 25.8 |
| 6H                                                                             | 29.2             | 30.1 | 30.0 | 30.9 | 31.9          | 23.5           | 24.4 | 24.3             | 25.2 | 26.3 |
| 8H                                                                             | 29.7             | 30.6 | 30.6 | 31.4 | 32.5          | 23.7           | 24.5 | 24.5             | 25.3 | 26.4 |
| 12H                                                                            | 30.2             | 31.0 | 31.0 | 31.8 | 32.9          | 23.7           | 24.5 | 24.6             | 25.4 | 26.5 |
| 4H 2H                                                                          | 23.7             | 24.7 | 24.5 | 25.5 | 26.5          | 22.0           | 22.9 | 22.8             | 23.8 | 24.8 |
| 3H                                                                             | 26.9             | 27.7 | 27.7 | 28.5 | 29.6          | 23.8           | 24.6 | 24.7             | 25.5 | 26.5 |
| 4H                                                                             | 28.6             | 29.3 | 29.5 | 30.2 | 31.3          | 24.6           | 25.4 | 25.5             | 26.2 | 27.3 |
| 6H                                                                             | 30.2             | 30.9 | 31.1 | 31.8 | 32.9          | 25.3           | 25.9 | 26.2             | 26.8 | 27.9 |
| 8H                                                                             | 30.9             | 31.5 | 31.8 | 32.4 | 33.5          | 25.5           | 26.1 | 26.4             | 27.0 | 28.1 |
| 12H                                                                            | 31.4             | 32.0 | 32.3 | 32.9 | 34.0          | 25.6           | 26.1 | 26.5             | 27.1 | 28.2 |
| 8H 4H                                                                          | 28.9             | 29.5 | 29.8 | 30.4 | 31.5          | 25.8           | 26.4 | 26.7             | 27.3 | 28.4 |
| 6H                                                                             | 30.8             | 31.3 | 31.7 | 32.2 | 33.3          | 26.8           | 27.3 | 27.7             | 28.2 | 29.4 |
| 8H                                                                             | 31.6             | 32.0 | 32.5 | 33.0 | 34.1          | 27.1           | 27.6 | 28.1             | 28.5 | 29.7 |
| 12H                                                                            | 32.3             | 32.6 | 33.2 | 33.6 | 34.8          | 27.3           | 27.7 | 28.3             | 28.7 | 29.9 |
| 12H 4H                                                                         | 28.9             | 29.4 | 29.8 | 30.3 | 31.5          | 26.1           | 26.6 | 27.0             | 27.5 | 28.7 |
| 6H                                                                             | 30.8             | 31.3 | 31.8 | 32.2 | 33.4          | 27.3           | 27.7 | 28.2             | 28.6 | 29.8 |
| 8H                                                                             | 31.7             | 32.1 | 32.7 | 33.1 | 34.3          | 27.8           | 28.1 | 28.7             | 29.1 | 30.3 |
| Variations with the observer position at spacings:                             |                  |      |      |      |               |                |      |                  |      |      |
| S = 1.0H                                                                       | + 0.1 / - 0.1    |      |      |      |               | + 0.1 / - 0.1  |      |                  |      |      |
| 1.5H                                                                           | + 0.1 / - 0.2    |      |      |      |               | + 0.2 / - 0.2  |      |                  |      |      |
| 2.0H                                                                           | + 0.2 / - 0.2    |      |      |      |               | + 0.2 / - 0.3  |      |                  |      |      |

CIE Pub.117 Corrected 7539 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.0)

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

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:120.5V I:0.4540A P:54.40W PF:0.9900 Freq:60.00Hz Lamp Flux:7538.59x1 lm |               |                  |
| NAME: 14代 8FT                                                                  | TYPE:3500K    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:         | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:2.4*0.07 | Shielding Angle: |

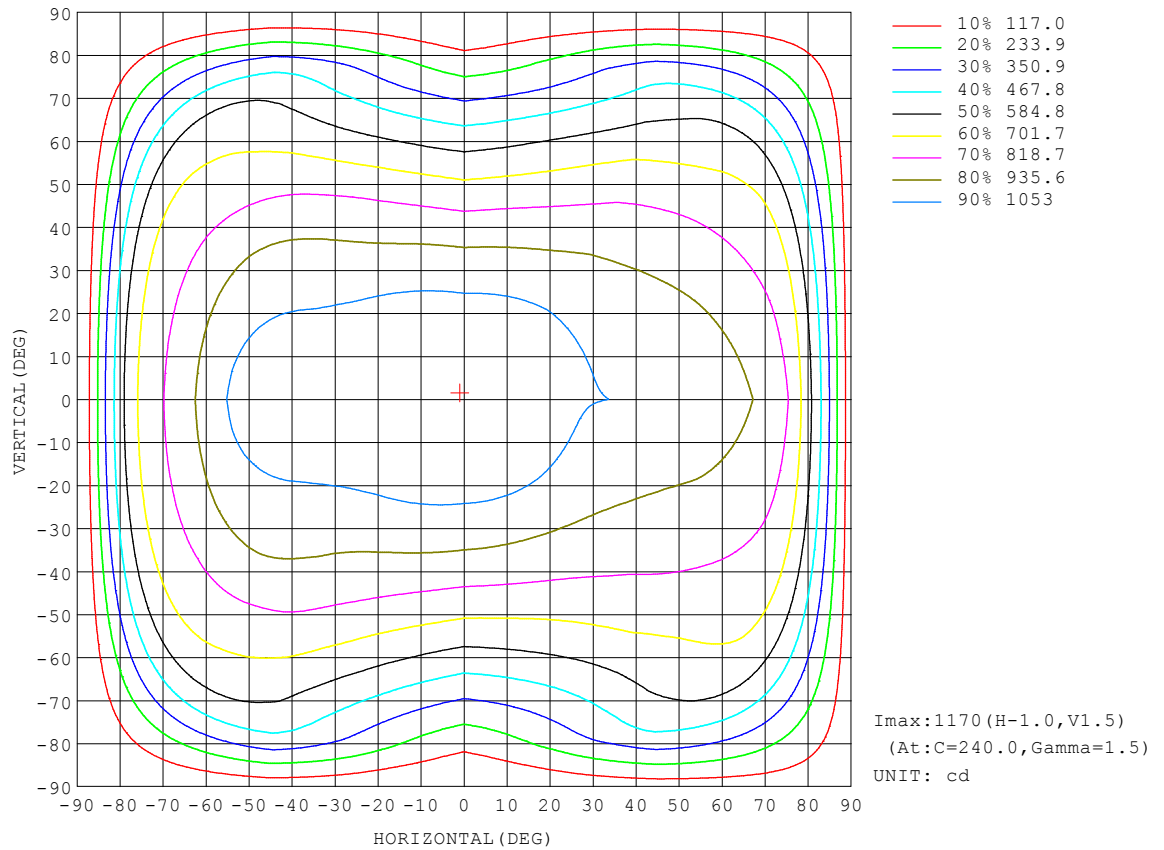
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 43                                                   | 31  | 24        | 41  | 30  | 24  | 37  | 28            | 22  | 15     |
| 0.80                             | 52                                                   | 40  | 32        | 49  | 38  | 31  | 44  | 35            | 29  | 19     |
| 1.00                             | 60                                                   | 48  | 40        | 57  | 45  | 38  | 51  | 43            | 35  | 24     |
| 1.25                             | 67                                                   | 55  | 47        | 63  | 52  | 45  | 56  | 47            | 41  | 28     |
| 1.50                             | 72                                                   | 61  | 53        | 68  | 58  | 50  | 60  | 52            | 46  | 31     |
| 2.00                             | 80                                                   | 69  | 62        | 75  | 66  | 59  | 66  | 58            | 53  | 36     |
| 2.50                             | 85                                                   | 75  | 68        | 79  | 71  | 64  | 69  | 63            | 58  | 39     |
| 3.00                             | 88                                                   | 80  | 73        | 83  | 75  | 69  | 72  | 66            | 62  | 42     |
| 4.00                             | 93                                                   | 86  | 80        | 87  | 81  | 75  | 76  | 71            | 67  | 45     |
| 5.00                             | 96                                                   | 90  | 85        | 90  | 84  | 80  | 78  | 74            | 70  | 48     |
| 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:  
Test Date:

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:120.5V I:0.4540A P:54.40W PF:0.9900 Freq:60.00Hz Lamp Flux:7538.59x1 lm |               |                  |
| NAME: 14代 8FT                                                                  | TYPE:3500K    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:         | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:2.4*0.07 | Shielding Angle: |

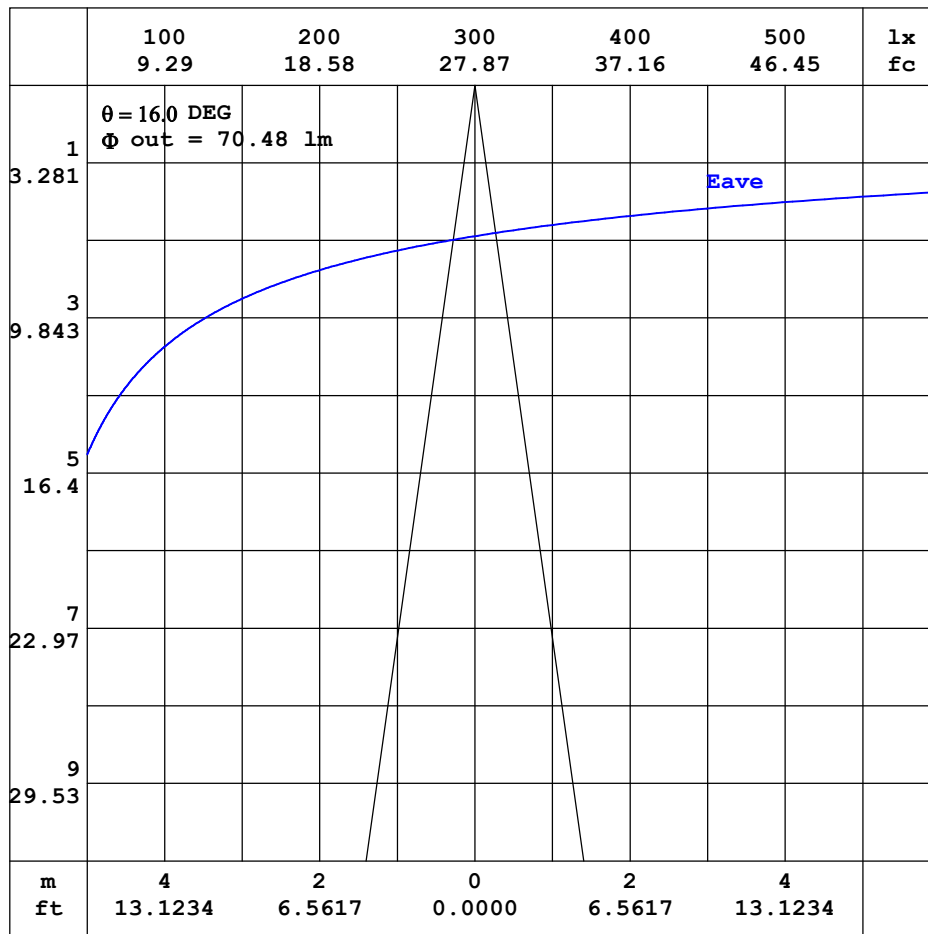


C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:  
Test Date:

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

### AAI CURVES

|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:120.5V I:0.4540A P:54.40W PF:0.9900 Freq:60.00Hz Lamp Flux:7538.59x1 lm |               |                  |
| NAME: 14代 8FT                                                                  | TYPE:3500K    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:         | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:2.4*0.07 | Shielding Angle: |



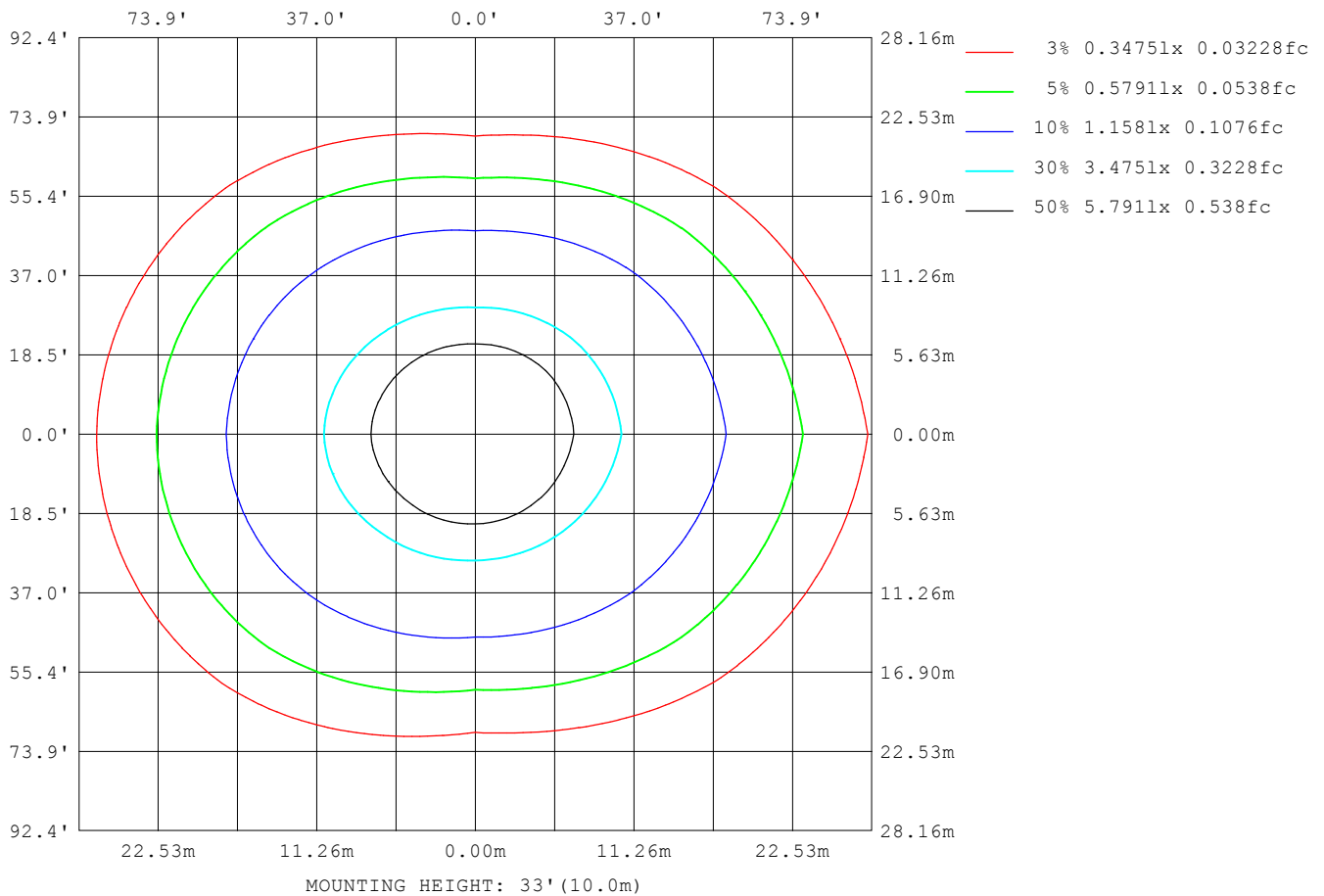
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:120.5V I:0.4540A P:54.40W PF:0.9900 Freq:60.00Hz Lamp Flux:7538.59x1 lm |               |                  |
| NAME: 14代 8FT                                                                  | TYPE:3500K    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:         | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:2.4*0.07 | Shielding Angle: |



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

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## LED Avg.L Report

|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:120.5V I:0.4540A P:54.40W PF:0.9900 Freq:60.00Hz Lamp Flux:7538.59x1 lm |               |                  |
| NAME: 14代 8FT                                                                  | TYPE:3500K    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:         | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:2.4*0.07 | Shielding Angle: |

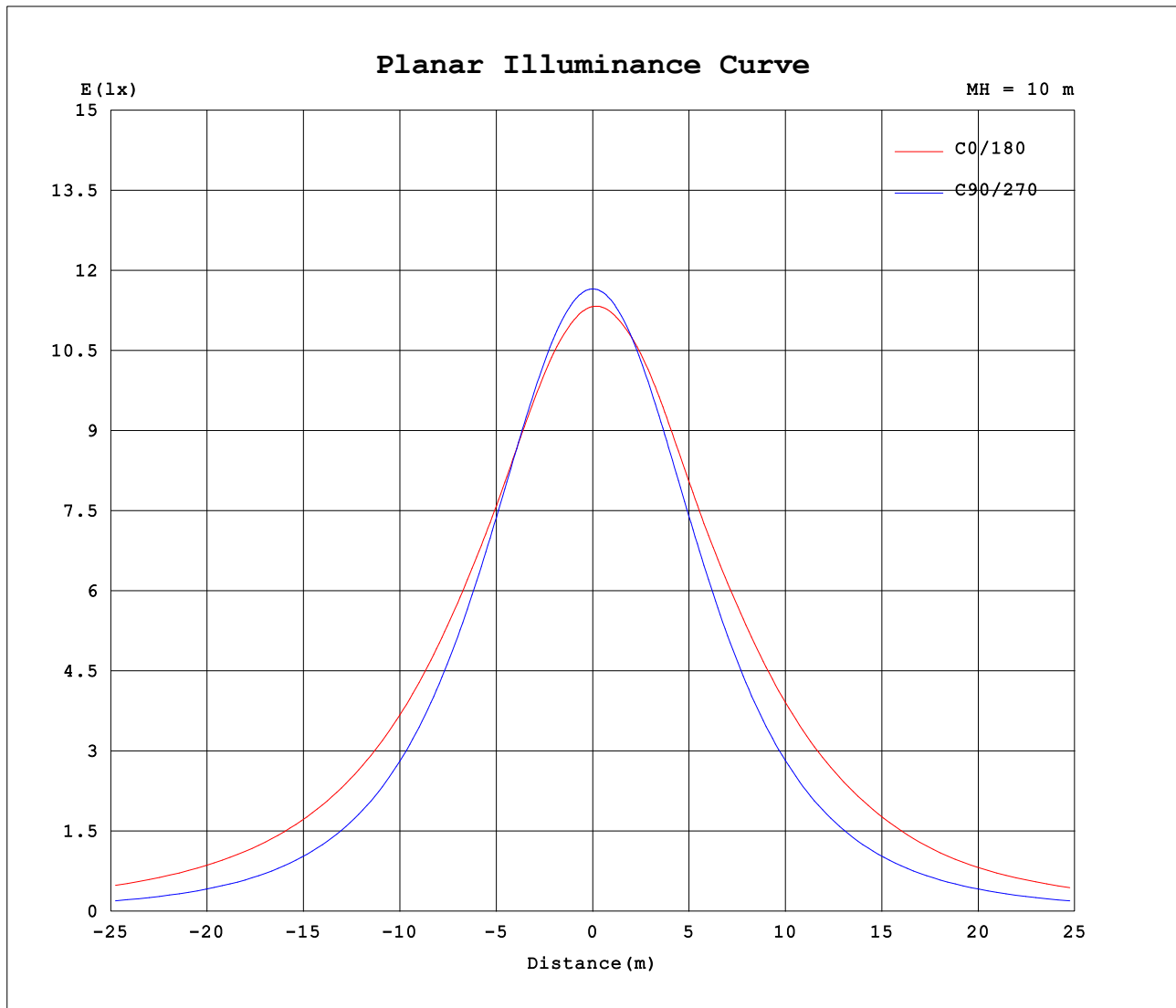
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 45650 |
| L_0~180 (75) av  | 62553 |
| L_0~180 (85) av  | 71291 |
| L_90~270 (65) av | 21689 |
| L_90~270 (75) av | 19194 |
| L_90~270 (85) av | 14299 |
| L_45 (65) av     | 34741 |
| L_45 (75) av     | 45705 |
| L_45 (85) av     | 62816 |

Standard: GB/T 29293-2012

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

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity: 65.0%  
Test Distance: 10.000m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:120.5V I:0.4540A P:54.40W PF:0.9900 Freq:60.00Hz Lamp Flux:7538.59x1 lm |               |                  |
| NAME: 14代 8FT                                                                  | TYPE:3500K    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:         | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:2.4*0.07 | Shielding 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                  | 1132 | 1138 | 1143 | 1148 | 1153 | 1156 | 1160 | 1163 | 1165 | 1167 | 1168 | 1169 | 1169 | 1169 | 1169 | 1168 | 1168 | 1167 | 1166 |
| 5                  | 1124 | 1130 | 1135 | 1140 | 1145 | 1149 | 1152 | 1155 | 1158 | 1160 | 1161 | 1162 | 1163 | 1163 | 1163 | 1162 | 1162 | 1161 | 1160 |
| 10                 | 1114 | 1119 | 1124 | 1128 | 1132 | 1135 | 1139 | 1141 | 1144 | 1146 | 1147 | 1147 | 1148 | 1148 | 1147 | 1147 | 1147 | 1146 | 1145 |
| 15                 | 1099 | 1103 | 1107 | 1110 | 1113 | 1116 | 1118 | 1120 | 1122 | 1123 | 1124 | 1124 | 1124 | 1123 | 1123 | 1122 | 1122 | 1121 | 1121 |
| 20                 | 1082 | 1084 | 1086 | 1087 | 1088 | 1090 | 1091 | 1091 | 1092 | 1092 | 1092 | 1091 | 1090 | 1090 | 1089 | 1088 | 1088 | 1088 | 1088 |
| 25                 | 1065 | 1063 | 1062 | 1060 | 1059 | 1058 | 1056 | 1055 | 1054 | 1053 | 1051 | 1049 | 1048 | 1046 | 1045 | 1045 | 1044 | 1044 | 1045 |
| 30                 | 1055 | 1048 | 1042 | 1036 | 1030 | 1025 | 1020 | 1015 | 1011 | 1008 | 1004 | 1001 | 998  | 995  | 994  | 993  | 993  | 993  | 994  |
| 35                 | 1051 | 1038 | 1025 | 1014 | 1003 | 993  | 983  | 975  | 967  | 960  | 954  | 948  | 943  | 939  | 936  | 934  | 933  | 934  | 936  |
| 40                 | 1047 | 1028 | 1010 | 994  | 978  | 964  | 951  | 938  | 927  | 916  | 906  | 896  | 888  | 881  | 876  | 872  | 869  | 868  | 870  |
| 45                 | 1041 | 1018 | 996  | 975  | 956  | 937  | 920  | 903  | 888  | 874  | 859  | 844  | 832  | 821  | 811  | 804  | 799  | 796  | 796  |
| 50                 | 1032 | 1005 | 978  | 953  | 930  | 907  | 885  | 865  | 846  | 828  | 807  | 788  | 770  | 754  | 741  | 730  | 722  | 718  | 716  |
| 55                 | 1017 | 987  | 958  | 930  | 903  | 877  | 852  | 828  | 805  | 783  | 757  | 731  | 708  | 687  | 669  | 653  | 641  | 633  | 629  |
| 60                 | 992  | 960  | 930  | 900  | 870  | 842  | 814  | 787  | 761  | 735  | 703  | 672  | 642  | 616  | 592  | 572  | 555  | 544  | 537  |
| 65                 | 956  | 923  | 891  | 859  | 828  | 797  | 767  | 737  | 707  | 679  | 641  | 605  | 571  | 539  | 510  | 485  | 465  | 450  | 441  |
| 70                 | 905  | 874  | 843  | 812  | 781  | 750  | 718  | 687  | 656  | 625  | 582  | 541  | 500  | 463  | 429  | 399  | 374  | 355  | 342  |
| 75                 | 828  | 803  | 778  | 751  | 724  | 695  | 666  | 636  | 605  | 573  | 526  | 480  | 434  | 391  | 351  | 315  | 284  | 260  | 244  |
| 80                 | 625  | 621  | 615  | 606  | 594  | 580  | 563  | 543  | 521  | 496  | 452  | 406  | 360  | 315  | 272  | 233  | 199  | 171  | 150  |
| 85                 | 348  | 352  | 353  | 352  | 349  | 343  | 335  | 325  | 313  | 298  | 270  | 240  | 209  | 179  | 150  | 124  | 100  | 80.7 | 65.9 |
| 90                 | 55.9 | 57.5 | 58.7 | 59.4 | 59.6 | 59.2 | 58.4 | 57.1 | 55.2 | 52.9 | 47.9 | 42.5 | 36.9 | 31.4 | 26.0 | 20.9 | 16.4 | 12.5 | 9.51 |
| 95                 | 223  | 213  | 204  | 194  | 185  | 175  | 165  | 155  | 145  | 135  | 122  | 108  | 94.6 | 82.2 | 70.6 | 60.4 | 51.7 | 44.7 | 39.9 |
| 100                | 378  | 369  | 360  | 349  | 338  | 326  | 314  | 300  | 286  | 271  | 248  | 224  | 201  | 179  | 158  | 139  | 122  | 109  | 98.5 |
| 105                | 494  | 486  | 476  | 465  | 453  | 440  | 425  | 410  | 393  | 376  | 348  | 320  | 292  | 264  | 239  | 215  | 195  | 178  | 166  |
| 110                | 570  | 556  | 541  | 525  | 509  | 493  | 476  | 459  | 441  | 422  | 396  | 371  | 345  | 321  | 299  | 278  | 261  | 246  | 236  |
| 115                | 602  | 589  | 575  | 560  | 546  | 531  | 515  | 500  | 484  | 468  | 446  | 423  | 402  | 381  | 362  | 345  | 330  | 318  | 309  |
| 120                | 634  | 622  | 611  | 599  | 586  | 573  | 560  | 547  | 533  | 519  | 499  | 480  | 461  | 442  | 425  | 410  | 396  | 385  | 377  |
| 125                | 672  | 662  | 651  | 640  | 628  | 617  | 605  | 593  | 580  | 568  | 550  | 533  | 516  | 500  | 485  | 471  | 459  | 449  | 442  |
| 130                | 706  | 695  | 685  | 675  | 664  | 654  | 643  | 632  | 621  | 610  | 595  | 580  | 566  | 552  | 539  | 528  | 518  | 509  | 503  |
| 135                | 734  | 724  | 714  | 704  | 694  | 685  | 675  | 665  | 656  | 646  | 634  | 622  | 610  | 599  | 589  | 580  | 572  | 566  | 561  |
| 140                | 754  | 745  | 737  | 728  | 720  | 712  | 703  | 695  | 687  | 679  | 670  | 660  | 651  | 643  | 635  | 627  | 621  | 616  | 612  |
| 145                | 769  | 762  | 756  | 749  | 743  | 736  | 730  | 724  | 717  | 711  | 704  | 696  | 689  | 683  | 676  | 671  | 666  | 662  | 658  |
| 150                | 783  | 778  | 773  | 768  | 763  | 758  | 753  | 749  | 744  | 739  | 734  | 728  | 723  | 718  | 714  | 709  | 706  | 702  | 700  |
| 155                | 796  | 792  | 789  | 785  | 782  | 778  | 775  | 771  | 768  | 765  | 761  | 757  | 753  | 749  | 746  | 743  | 740  | 738  | 736  |
| 160                | 807  | 804  | 802  | 800  | 797  | 795  | 793  | 790  | 788  | 786  | 783  | 780  | 778  | 775  | 773  | 771  | 769  | 767  | 766  |
| 165                | 815  | 814  | 812  | 811  | 809  | 808  | 806  | 805  | 803  | 802  | 800  | 799  | 797  | 796  | 794  | 793  | 792  | 791  | 790  |
| 170                | 821  | 820  | 819  | 818  | 818  | 817  | 816  | 815  | 815  | 814  | 813  | 812  | 811  | 811  | 810  | 809  | 808  | 808  | 807  |
| 175                | 824  | 823  | 823  | 823  | 822  | 822  | 822  | 822  | 821  | 821  | 821  | 820  | 820  | 820  | 820  | 819  | 819  | 819  | 819  |
| 180                | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  |

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

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:120.5V I:0.4540A P:54.40W PF:0.9900 Freq:60.00Hz Lamp Flux:7538.59x1 lm |               |                  |
| NAME: 14代 8FT                                                                  | TYPE:3500K    | WEIGHT:          |
| SPEC.:                                                                         | DIM.:         | SERIAL No.:      |
| MFR.: EVERFINE                                                                 | SUR.:2.4*0.07 | Shielding 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                  | 1165 | 1165 | 1164 | 1164 | 1163 | 1162 | 1161 | 1160 | 1158 | 1155 | 1151 | 1148 | 1144 | 1141 | 1138 | 1136 | 1134 | 1132 | 1135 |
| 5                  | 1160 | 1160 | 1160 | 1160 | 1159 | 1159 | 1158 | 1157 | 1156 | 1154 | 1151 | 1148 | 1146 | 1143 | 1141 | 1139 | 1138 | 1137 | 1140 |
| 10                 | 1146 | 1146 | 1146 | 1147 | 1147 | 1147 | 1147 | 1148 | 1147 | 1146 | 1145 | 1144 | 1143 | 1142 | 1141 | 1140 | 1140 | 1140 | 1142 |
| 15                 | 1122 | 1123 | 1124 | 1125 | 1126 | 1128 | 1129 | 1131 | 1132 | 1134 | 1135 | 1136 | 1138 | 1139 | 1140 | 1141 | 1142 | 1143 | 1144 |
| 20                 | 1089 | 1091 | 1094 | 1096 | 1099 | 1101 | 1104 | 1108 | 1111 | 1114 | 1118 | 1122 | 1125 | 1129 | 1132 | 1135 | 1137 | 1139 | 1139 |
| 25                 | 1048 | 1051 | 1055 | 1059 | 1064 | 1068 | 1073 | 1079 | 1084 | 1090 | 1096 | 1102 | 1108 | 1113 | 1118 | 1122 | 1126 | 1128 | 1128 |
| 30                 | 998  | 1003 | 1009 | 1015 | 1021 | 1028 | 1036 | 1043 | 1051 | 1061 | 1070 | 1079 | 1088 | 1096 | 1103 | 1110 | 1115 | 1119 | 1117 |
| 35                 | 941  | 947  | 954  | 963  | 972  | 982  | 993  | 1004 | 1015 | 1029 | 1044 | 1058 | 1071 | 1083 | 1095 | 1104 | 1112 | 1118 | 1114 |
| 40                 | 876  | 884  | 894  | 905  | 917  | 931  | 945  | 960  | 976  | 996  | 1015 | 1034 | 1053 | 1070 | 1085 | 1098 | 1109 | 1117 | 1111 |
| 45                 | 805  | 816  | 829  | 845  | 861  | 880  | 899  | 919  | 940  | 964  | 987  | 1010 | 1032 | 1052 | 1070 | 1086 | 1098 | 1107 | 1100 |
| 50                 | 728  | 742  | 760  | 780  | 802  | 826  | 851  | 876  | 902  | 930  | 956  | 982  | 1006 | 1029 | 1048 | 1065 | 1078 | 1088 | 1079 |
| 55                 | 643  | 661  | 683  | 708  | 735  | 764  | 794  | 825  | 857  | 887  | 916  | 944  | 971  | 994  | 1015 | 1032 | 1046 | 1055 | 1045 |
| 60                 | 554  | 576  | 602  | 631  | 663  | 697  | 732  | 768  | 803  | 833  | 861  | 887  | 910  | 931  | 949  | 964  | 974  | 981  | 971  |
| 65                 | 460  | 485  | 515  | 548  | 584  | 623  | 662  | 701  | 740  | 768  | 794  | 818  | 839  | 857  | 872  | 884  | 892  | 896  | 887  |
| 70                 | 363  | 390  | 423  | 460  | 500  | 543  | 586  | 629  | 671  | 699  | 724  | 746  | 766  | 783  | 796  | 806  | 813  | 816  | 809  |
| 75                 | 266  | 295  | 330  | 371  | 414  | 460  | 506  | 553  | 597  | 624  | 647  | 668  | 686  | 700  | 712  | 720  | 725  | 727  | 722  |
| 80                 | 174  | 205  | 241  | 282  | 326  | 372  | 418  | 463  | 505  | 521  | 533  | 542  | 547  | 550  | 550  | 548  | 545  | 539  | 539  |
| 85                 | 82.2 | 103  | 128  | 155  | 184  | 214  | 243  | 271  | 296  | 299  | 298  | 295  | 290  | 284  | 276  | 267  | 258  | 248  | 249  |
| 90                 | 12.7 | 16.6 | 21.1 | 26.0 | 31.0 | 35.9 | 40.5 | 44.6 | 48.0 | 44.5 | 40.3 | 35.6 | 30.5 | 25.4 | 20.3 | 15.6 | 11.5 | 8.04 | 11.3 |
| 95                 | 45.7 | 53.6 | 63.1 | 73.8 | 85.5 | 97.7 | 110  | 122  | 134  | 139  | 143  | 146  | 149  | 151  | 153  | 155  | 157  | 158  | 166  |
| 100                | 107  | 119  | 134  | 152  | 171  | 191  | 212  | 233  | 254  | 266  | 276  | 286  | 295  | 303  | 310  | 315  | 320  | 324  | 328  |
| 105                | 176  | 191  | 209  | 230  | 253  | 278  | 303  | 329  | 354  | 370  | 384  | 397  | 409  | 419  | 427  | 434  | 439  | 443  | 443  |
| 110                | 243  | 254  | 269  | 286  | 306  | 327  | 349  | 373  | 397  | 418  | 438  | 458  | 477  | 494  | 509  | 522  | 532  | 540  | 535  |
| 115                | 314  | 323  | 334  | 348  | 364  | 381  | 400  | 420  | 440  | 459  | 477  | 495  | 513  | 528  | 543  | 555  | 565  | 573  | 570  |
| 120                | 382  | 389  | 399  | 412  | 426  | 441  | 457  | 474  | 491  | 506  | 521  | 536  | 549  | 562  | 573  | 583  | 591  | 597  | 595  |
| 125                | 446  | 452  | 460  | 471  | 482  | 495  | 509  | 524  | 539  | 552  | 566  | 579  | 591  | 602  | 613  | 622  | 629  | 635  | 633  |
| 130                | 506  | 510  | 517  | 525  | 535  | 545  | 557  | 569  | 581  | 593  | 606  | 617  | 629  | 639  | 649  | 657  | 664  | 669  | 667  |
| 135                | 562  | 565  | 570  | 576  | 583  | 591  | 599  | 608  | 618  | 629  | 640  | 650  | 661  | 670  | 679  | 687  | 694  | 699  | 697  |
| 140                | 612  | 614  | 617  | 621  | 626  | 631  | 637  | 644  | 651  | 660  | 670  | 679  | 688  | 696  | 704  | 711  | 717  | 722  | 720  |
| 145                | 658  | 659  | 661  | 663  | 666  | 670  | 674  | 679  | 684  | 691  | 698  | 705  | 712  | 718  | 724  | 730  | 735  | 738  | 737  |
| 150                | 700  | 700  | 701  | 702  | 704  | 707  | 710  | 713  | 716  | 721  | 725  | 730  | 734  | 739  | 743  | 746  | 750  | 752  | 752  |
| 155                | 736  | 736  | 736  | 737  | 739  | 740  | 742  | 744  | 746  | 749  | 751  | 754  | 757  | 759  | 762  | 764  | 766  | 767  | 768  |
| 160                | 765  | 765  | 765  | 766  | 767  | 768  | 769  | 770  | 771  | 773  | 774  | 776  | 778  | 779  | 781  | 782  | 783  | 785  | 785  |
| 165                | 789  | 789  | 789  | 789  | 789  | 790  | 790  | 791  | 791  | 792  | 793  | 794  | 795  | 796  | 797  | 797  | 798  | 799  | 799  |
| 170                | 807  | 807  | 807  | 807  | 806  | 806  | 807  | 807  | 807  | 807  | 807  | 808  | 808  | 809  | 809  | 809  | 810  | 810  | 811  |
| 175                | 818  | 818  | 818  | 818  | 818  | 818  | 818  | 818  | 818  | 818  | 818  | 818  | 818  | 818  | 818  | 818  | 818  | 818  | 819  |
| 180                | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  |

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

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |  |  |  |  |  |  |  |  |               |  |  |  |  |                  |  |  |  |  |
|--------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|---------------|--|--|--|--|------------------|--|--|--|--|
| Test:U:120.5V I:0.4540A P:54.40W PF:0.9900 Freq:60.00Hz Lamp Flux:7538.59x1 lm |  |  |  |  |  |  |  |  |               |  |  |  |  |                  |  |  |  |  |
| NAME: 14代 8FT                                                                  |  |  |  |  |  |  |  |  | TYPE:3500K    |  |  |  |  | WEIGHT:          |  |  |  |  |
| SPEC.:                                                                         |  |  |  |  |  |  |  |  | DIM.:         |  |  |  |  | SERIAL No.:      |  |  |  |  |
| MFR.: EVERFINE                                                                 |  |  |  |  |  |  |  |  | SUR.:2.4*0.07 |  |  |  |  | Shielding 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                  | 1138 | 1142 | 1146 | 1151 | 1155 | 1159 | 1164 | 1167 | 1168 | 1169 | 1169 | 1169 | 1169 | 1168 | 1168 | 1167 | 1166 | 1165 | 1165 |
| 5                  | 1143 | 1146 | 1149 | 1153 | 1157 | 1161 | 1164 | 1167 | 1168 | 1168 | 1168 | 1167 | 1166 | 1165 | 1164 | 1163 | 1161 | 1161 | 1160 |
| 10                 | 1144 | 1146 | 1149 | 1151 | 1154 | 1156 | 1158 | 1160 | 1159 | 1158 | 1157 | 1156 | 1154 | 1152 | 1151 | 1149 | 1147 | 1147 | 1147 |
| 15                 | 1145 | 1146 | 1146 | 1146 | 1146 | 1146 | 1146 | 1145 | 1143 | 1141 | 1138 | 1136 | 1133 | 1130 | 1128 | 1126 | 1124 | 1124 | 1124 |
| 20                 | 1138 | 1137 | 1136 | 1134 | 1132 | 1130 | 1127 | 1124 | 1120 | 1116 | 1112 | 1107 | 1103 | 1100 | 1096 | 1093 | 1091 | 1091 | 1092 |
| 25                 | 1126 | 1123 | 1120 | 1116 | 1112 | 1107 | 1102 | 1097 | 1091 | 1084 | 1078 | 1072 | 1066 | 1061 | 1056 | 1052 | 1049 | 1050 | 1052 |
| 30                 | 1113 | 1109 | 1103 | 1097 | 1089 | 1082 | 1073 | 1065 | 1056 | 1047 | 1038 | 1029 | 1021 | 1014 | 1008 | 1002 | 998  | 1000 | 1002 |
| 35                 | 1108 | 1100 | 1091 | 1080 | 1068 | 1055 | 1042 | 1028 | 1016 | 1003 | 991  | 980  | 969  | 959  | 951  | 944  | 939  | 941  | 945  |
| 40                 | 1102 | 1090 | 1076 | 1060 | 1043 | 1025 | 1007 | 988  | 971  | 954  | 938  | 923  | 910  | 897  | 887  | 878  | 872  | 876  | 882  |
| 45                 | 1089 | 1075 | 1058 | 1039 | 1019 | 997  | 974  | 951  | 929  | 908  | 887  | 867  | 849  | 833  | 819  | 807  | 799  | 804  | 813  |
| 50                 | 1067 | 1051 | 1031 | 1010 | 986  | 961  | 934  | 907  | 880  | 853  | 828  | 803  | 780  | 760  | 742  | 728  | 718  | 725  | 735  |
| 55                 | 1030 | 1012 | 990  | 965  | 938  | 910  | 880  | 849  | 817  | 787  | 757  | 728  | 702  | 678  | 658  | 642  | 630  | 639  | 652  |
| 60                 | 957  | 939  | 918  | 894  | 868  | 840  | 811  | 780  | 746  | 712  | 679  | 647  | 618  | 592  | 569  | 551  | 538  | 548  | 564  |
| 65                 | 875  | 859  | 840  | 818  | 794  | 768  | 739  | 710  | 673  | 636  | 599  | 564  | 531  | 501  | 475  | 454  | 439  | 450  | 467  |
| 70                 | 799  | 785  | 768  | 748  | 726  | 701  | 674  | 645  | 604  | 563  | 522  | 483  | 445  | 411  | 381  | 356  | 337  | 349  | 367  |
| 75                 | 715  | 704  | 691  | 674  | 654  | 632  | 607  | 580  | 536  | 490  | 445  | 401  | 358  | 319  | 285  | 256  | 233  | 245  | 264  |
| 80                 | 538  | 535  | 530  | 523  | 513  | 501  | 486  | 468  | 428  | 386  | 344  | 301  | 260  | 222  | 188  | 159  | 136  | 149  | 169  |
| 85                 | 250  | 251  | 251  | 251  | 250  | 247  | 243  | 237  | 216  | 193  | 169  | 146  | 123  | 102  | 82.7 | 66.4 | 53.7 | 62.0 | 74.0 |
| 90                 | 15.4 | 20.0 | 25.0 | 30.0 | 35.0 | 39.7 | 43.8 | 47.3 | 44.3 | 40.5 | 36.2 | 31.5 | 26.7 | 22.0 | 17.4 | 13.3 | 9.88 | 11.4 | 13.6 |
| 95                 | 173  | 179  | 185  | 191  | 195  | 197  | 198  | 197  | 182  | 165  | 148  | 130  | 112  | 95.5 | 80.4 | 67.5 | 57.5 | 66.6 | 78.6 |
| 100                | 332  | 334  | 334  | 333  | 331  | 327  | 320  | 312  | 289  | 265  | 240  | 215  | 191  | 169  | 149  | 132  | 120  | 132  | 148  |
| 105                | 442  | 439  | 434  | 427  | 418  | 408  | 396  | 383  | 358  | 333  | 307  | 282  | 258  | 236  | 216  | 200  | 188  | 199  | 214  |
| 110                | 528  | 519  | 507  | 493  | 477  | 460  | 441  | 422  | 400  | 377  | 355  | 334  | 314  | 296  | 281  | 269  | 260  | 269  | 281  |
| 115                | 564  | 556  | 546  | 534  | 521  | 506  | 490  | 474  | 454  | 434  | 414  | 396  | 378  | 363  | 349  | 339  | 331  | 339  | 350  |
| 120                | 591  | 586  | 579  | 570  | 560  | 548  | 536  | 523  | 506  | 489  | 472  | 456  | 441  | 428  | 416  | 407  | 400  | 407  | 418  |
| 125                | 629  | 624  | 617  | 609  | 600  | 590  | 579  | 568  | 553  | 539  | 525  | 511  | 499  | 487  | 478  | 470  | 465  | 471  | 480  |
| 130                | 664  | 659  | 652  | 645  | 636  | 627  | 617  | 607  | 595  | 584  | 572  | 561  | 551  | 542  | 535  | 529  | 525  | 530  | 537  |
| 135                | 693  | 688  | 682  | 675  | 667  | 659  | 650  | 641  | 632  | 623  | 614  | 606  | 598  | 592  | 587  | 583  | 580  | 584  | 589  |
| 140                | 716  | 712  | 707  | 701  | 694  | 687  | 679  | 672  | 665  | 659  | 652  | 647  | 642  | 637  | 634  | 631  | 630  | 633  | 638  |
| 145                | 735  | 732  | 728  | 723  | 719  | 713  | 708  | 703  | 698  | 693  | 689  | 685  | 682  | 679  | 677  | 675  | 675  | 677  | 681  |
| 150                | 751  | 749  | 748  | 745  | 743  | 740  | 737  | 734  | 731  | 727  | 725  | 722  | 719  | 717  | 716  | 714  | 714  | 716  | 719  |
| 155                | 767  | 767  | 766  | 765  | 764  | 763  | 762  | 760  | 758  | 756  | 754  | 753  | 751  | 750  | 749  | 748  | 748  | 749  | 752  |
| 160                | 785  | 785  | 785  | 784  | 784  | 783  | 783  | 782  | 781  | 780  | 779  | 778  | 777  | 776  | 776  | 775  | 775  | 777  | 778  |
| 165                | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 800  | 799  | 799  | 798  | 798  | 798  | 797  | 797  | 797  | 797  | 798  | 799  |
| 170                | 811  | 811  | 812  | 812  | 812  | 812  | 813  | 813  | 813  | 813  | 813  | 813  | 812  | 812  | 812  | 813  | 813  | 813  | 813  |
| 175                | 819  | 819  | 819  | 820  | 820  | 820  | 820  | 821  | 821  | 821  | 821  | 821  | 821  | 821  | 821  | 821  | 821  | 821  | 821  |
| 180                | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  |

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

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |  |  |  |  |  |  |  |  |               |  |  |  |  |  |                  |  |  |
|--------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|---------------|--|--|--|--|--|------------------|--|--|
| Test:U:120.5V I:0.4540A P:54.40W PF:0.9900 Freq:60.00Hz Lamp Flux:7538.59x1 lm |  |  |  |  |  |  |  |  |               |  |  |  |  |  |                  |  |  |
| NAME: 14代 8FT                                                                  |  |  |  |  |  |  |  |  | TYPE:3500K    |  |  |  |  |  | WEIGHT:          |  |  |
| SPEC.:                                                                         |  |  |  |  |  |  |  |  | DIM.:         |  |  |  |  |  | SERIAL No.:      |  |  |
| MFR.: EVERFINE                                                                 |  |  |  |  |  |  |  |  | SUR.:2.4*0.07 |  |  |  |  |  | Shielding 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                  | 1164 | 1164 | 1163 | 1162 | 1161 | 1160 | 1158 | 1156 | 1154 | 1152 | 1149 | 1146 | 1143 | 1140 | 1136 |  |  |  |  |
| 5                  | 1160 | 1159 | 1159 | 1158 | 1157 | 1155 | 1154 | 1152 | 1149 | 1146 | 1143 | 1140 | 1137 | 1133 | 1129 |  |  |  |  |
| 10                 | 1147 | 1147 | 1146 | 1146 | 1145 | 1144 | 1143 | 1141 | 1139 | 1136 | 1133 | 1130 | 1126 | 1122 | 1118 |  |  |  |  |
| 15                 | 1125 | 1125 | 1126 | 1126 | 1127 | 1127 | 1127 | 1125 | 1123 | 1121 | 1118 | 1115 | 1112 | 1108 | 1104 |  |  |  |  |
| 20                 | 1094 | 1095 | 1097 | 1099 | 1101 | 1102 | 1103 | 1103 | 1101 | 1100 | 1098 | 1096 | 1093 | 1090 | 1086 |  |  |  |  |
| 25                 | 1054 | 1057 | 1061 | 1064 | 1068 | 1071 | 1074 | 1075 | 1075 | 1075 | 1074 | 1073 | 1072 | 1070 | 1068 |  |  |  |  |
| 30                 | 1006 | 1011 | 1016 | 1022 | 1027 | 1033 | 1039 | 1042 | 1045 | 1047 | 1049 | 1051 | 1053 | 1054 | 1055 |  |  |  |  |
| 35                 | 951  | 958  | 965  | 973  | 982  | 992  | 1001 | 1007 | 1013 | 1019 | 1025 | 1030 | 1036 | 1041 | 1046 |  |  |  |  |
| 40                 | 890  | 900  | 911  | 923  | 936  | 949  | 963  | 972  | 982  | 991  | 1001 | 1010 | 1019 | 1029 | 1038 |  |  |  |  |
| 45                 | 823  | 836  | 851  | 868  | 885  | 903  | 922  | 935  | 949  | 962  | 975  | 989  | 1002 | 1015 | 1028 |  |  |  |  |
| 50                 | 749  | 766  | 785  | 806  | 829  | 852  | 876  | 893  | 911  | 928  | 946  | 963  | 980  | 997  | 1015 |  |  |  |  |
| 55                 | 670  | 690  | 713  | 739  | 766  | 795  | 824  | 845  | 867  | 888  | 910  | 931  | 953  | 974  | 996  |  |  |  |  |
| 60                 | 584  | 608  | 635  | 665  | 697  | 730  | 764  | 789  | 814  | 839  | 865  | 890  | 916  | 941  | 966  |  |  |  |  |
| 65                 | 490  | 516  | 547  | 580  | 616  | 653  | 691  | 719  | 748  | 778  | 807  | 836  | 866  | 896  | 926  |  |  |  |  |
| 70                 | 390  | 418  | 451  | 487  | 525  | 565  | 607  | 638  | 670  | 703  | 736  | 769  | 802  | 836  | 870  |  |  |  |  |
| 75                 | 289  | 320  | 354  | 393  | 434  | 477  | 521  | 554  | 588  | 621  | 655  | 689  | 723  | 758  | 793  |  |  |  |  |
| 80                 | 194  | 224  | 258  | 294  | 333  | 372  | 412  | 439  | 465  | 490  | 514  | 538  | 561  | 583  | 604  |  |  |  |  |
| 85                 | 89.3 | 107  | 127  | 149  | 172  | 196  | 220  | 236  | 251  | 267  | 281  | 296  | 309  | 323  | 336  |  |  |  |  |
| 90                 | 16.5 | 19.8 | 23.5 | 27.5 | 31.7 | 35.9 | 40.0 | 42.5 | 44.8 | 46.9 | 48.8 | 50.6 | 52.2 | 53.6 | 54.8 |  |  |  |  |
| 95                 | 93.0 | 109  | 127  | 145  | 164  | 182  | 199  | 207  | 214  | 220  | 224  | 227  | 228  | 227  | 226  |  |  |  |  |
| 100                | 168  | 190  | 214  | 240  | 265  | 291  | 316  | 329  | 341  | 351  | 360  | 367  | 372  | 376  | 378  |  |  |  |  |
| 105                | 233  | 255  | 278  | 304  | 330  | 356  | 382  | 399  | 414  | 429  | 442  | 455  | 466  | 477  | 486  |  |  |  |  |
| 110                | 296  | 314  | 334  | 356  | 379  | 402  | 426  | 443  | 460  | 476  | 493  | 509  | 525  | 540  | 555  |  |  |  |  |
| 115                | 364  | 381  | 399  | 418  | 439  | 460  | 481  | 496  | 510  | 525  | 539  | 552  | 565  | 578  | 590  |  |  |  |  |
| 120                | 430  | 444  | 461  | 478  | 496  | 514  | 533  | 545  | 558  | 570  | 581  | 593  | 603  | 614  | 624  |  |  |  |  |
| 125                | 490  | 503  | 517  | 531  | 547  | 563  | 579  | 590  | 601  | 612  | 623  | 633  | 643  | 653  | 663  |  |  |  |  |
| 130                | 546  | 556  | 567  | 579  | 592  | 605  | 618  | 628  | 638  | 648  | 658  | 668  | 677  | 687  | 696  |  |  |  |  |
| 135                | 596  | 604  | 613  | 623  | 633  | 643  | 654  | 663  | 672  | 680  | 689  | 698  | 707  | 716  | 725  |  |  |  |  |
| 140                | 643  | 649  | 656  | 663  | 671  | 680  | 688  | 695  | 702  | 709  | 717  | 724  | 731  | 739  | 746  |  |  |  |  |
| 145                | 685  | 690  | 695  | 701  | 707  | 713  | 720  | 725  | 731  | 736  | 741  | 747  | 752  | 758  | 763  |  |  |  |  |
| 150                | 722  | 726  | 730  | 734  | 739  | 744  | 749  | 752  | 756  | 760  | 764  | 768  | 771  | 775  | 779  |  |  |  |  |
| 155                | 754  | 757  | 760  | 763  | 766  | 769  | 773  | 776  | 778  | 781  | 783  | 786  | 788  | 791  | 793  |  |  |  |  |
| 160                | 780  | 781  | 783  | 786  | 788  | 790  | 792  | 794  | 796  | 797  | 799  | 801  | 802  | 804  | 805  |  |  |  |  |
| 165                | 800  | 801  | 802  | 803  | 804  | 806  | 807  | 808  | 809  | 810  | 811  | 812  | 813  | 813  | 814  |  |  |  |  |
| 170                | 814  | 814  | 815  | 816  | 816  | 817  | 817  | 818  | 818  | 819  | 819  | 819  | 820  | 820  | 820  |  |  |  |  |
| 175                | 822  | 822  | 822  | 822  | 822  | 823  | 823  | 823  | 823  | 823  | 823  | 823  | 823  | 823  | 823  |  |  |  |  |
| 180                | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  | 411  |  |  |  |  |

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

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.353  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks: